



Annual Report 2021-2022

CHANCELLOR'S MESSAGE

It is my privilege and great delight to present the Nineteenth Annual Report of the UPES. The report encompasses an array of academic and co-curricular activities conducted at the University during the 2021-22 Academic Year progressively. UPES unveiled its new brand identity as a future-focused, multidisciplinary university emerging as the 'University of Tomorrow' with the launch of its new Logo recently.

The University has developed a unique organization structure where students and faculty are at the core, followed by the circle of support functions which are directly linked to support students and faculty to perform better. The University has undertaken many initiatives to enhance R&D activities which include additional infrastructure, updating relevant processes and making funding available for capital and operational expenses, etc.



In our pursuits to ensure best global academic practices, various international collaborations have been executed as a result many International faculty from Canada, Israel, Germany and UK have been co-teaching UPES students. A number of progression agreements have also been made vide which students will have an opportunity to study a semester abroad with international Universities such as University of California, Berkeley, The University of Law, UK, University Canada West, Canada and University of Europe, Germany, to name a few. Students in their final years may also opt to a progression to relevant Master's program at University of Queensland, Australia.

I am also delighted to inform that UPES is the first education entity in India to tie up with KPMG for two PG level Business Programs - MBA, Strategy & Consulting and MBA, Business Analytics.

UPES has made it to the list of top 100 institutions in the country with our ranking at 97 alongside similar prestigious institutions. Our 'University Ranking' has taken a steep jump from 100 last year to 65 in 2022.

University has been awarded 'QS I-GUAGE Advanced e-Learning Excellence for Academic Digitalization', a continued testimony of highest performance on e-learning. The University scored 150/150 second time in a row. I am happy to share that our School of Liberal Studies (SoLS) has been developed in complete alignment with the tagline of the University "UNIVERSITY OF TOMORROW". The School makes a beginning by offering 5 UG Programs with effect from Academic Year 2022.

UPES Council for Innovation and Entrepreneurship (UCIE) launched Runway Incubator to provide sharper focus on startup incubation. Support is provided not only to UPES students' startups but also to other communities across the country. The University has ambitious plans to incubate more than 300 startups during next five years.

UPES continues to place its students in many prestigious organizations and 96.55% students have been placed for the Academic Year 2021-22.

We gratefully acknowledge consistent support and guidance from all our stakeholders including the Government of Uttarakhand, Members of Governing Boards, Academic Council and Finance Committees in our pursuits of excellence.

Finally, I would like to put on record my appreciation to the Editorial Team for their efforts in compiling multidimensional growth and the vibrant academic environment of the University Campus.

With Best Wishes,

Dr. S.J. Chopra
Chancellor

VICE CHANCELLOR'S MESSAGE



It is an honour for me to present the Annual Report 2021-22 of UPES. The University has truly lived up to the spirit of shining bright both on the faculty as well as student front. The smart work put in by the faculty has borne impactful results, visible through the brilliant performance of our students. The time and effort put in by one and all is definitely commendable.

I am delighted to put on record significant improvement in our national ranking position. **UPES ranked 97th amongst top 100 institutions in India.** We stand at 65th rank amongst the top 75 Universities of the country, 21st in Law, 41st in Management and 61st in the Engineering Categories respectively by NIRF Ranking 2022.

The globally acclaimed GPTW Institute, USA, has certified UPES as a 'Great Place to Work' (GPTW) for the fourth time in a row. The certification is a Gold Standard for defining great workplace across business, academia and government organizations. **UPES is now one amongst 35 institutions in India to be certified as 'Institution of Happiness' by QS.**

The University attained the '**1st Rank**' in the '**Best Academia Industry Alliance**' category besides receiving **International Accreditation Council for Business Education (IACBE)** for MBA Programs in 'Oil & Gas Management' and 'Logistic & Supply Chain Management'. The University was awarded the '**2021 Blackboard Award for Leading Change**' from **Global Edtech Company 'Blackboard'**. The University **ranked No. 1** across India and in Uttarakhand under the '**Promising Future-Ready Institutions**' category by **Education Rankings 2022-23**. Project GROW is the first-ever online collaborative teaching experiment for life-skills courses at UPES to have received **International Blackboard Catalyst Awards-2022** in the Student Success category.

UPES Council for Innovation and Entrepreneurship (UCIE) launched Runway Incubator, the new brand identity of UCIE. Runway helps start-ups with mentoring, incubation programs, and much more with access to SEED funding and opportunities to pitch and raise funds from renowned Investors to help UPES startups to take off.

University has initiated multiple actions in its stride towards globalization, including Faculty Mobility, Agreements/MoUs, Semester Exchange/Internships and Visits of International Delegates, etc.

Our School of Liberal Studies (SoLS) has been developed with a unique concept of the problem-solving approach. It brings the entire University together and allows students to work together, regardless of their discipline.

UPES since its inception, has consistently followed and celebrated the path of excellence. With holistic development of students and employees at its core and values like Respect, Innovation, Passion, Inclusivity and Trust as the driving force, excellence means to us to be a University with a purpose and global standing. We at UPES believe in creating and sustaining a long-lasting impact by caring for the community in which we thrive. University launched multiple projects to support this mission.

'Srijan' - is one of the biggest **Social Internship Programs** in the country through its 'School for Life'. Over 3000 first year undergraduate students undergo a mandatory six week-long social internship program with one of the 350+ NGOs partnered by UPES across the nation with an objective of creating a positive social impact.

Project Naman: UPES reaches out to the kin of Indian Armed Forces Bravehearts of 'Devbhoomi' Uttarakhand who attained martyrdom in service to the nation - the initiative is an extension of the annual 'Shaheed Memorial T-20 Cricket Tournament'. Under this initiative besides financial assistance to the family of the martyrs, UPES provides complete school education of one martyr's children, support the dependent of the martyr in finding job opportunities, training martyr's widow under **Shakti**, the existing women's empowerment initiative. University offers full higher education scholarships to the children of five martyrs from Uttarakhand every year.

Project Edudhurma: *Education for Developing Humans for Righteousness and Mindful Actions*; Under this

initiative, UPES has impacted the lives of over a hundred families, students from underprivileged backgrounds, government teachers as well as local schools in Dehradun through Project Protsaahan, Utakarsh, Dronasthali and Utthan.

There are many more Projects dedicated to who have been deprived of good education due to socio-economic status or learning disabilities through our training and digital literacy program. Consistent efforts are being directed for empowerment of women through Project ‘Shakti’ and upliftment of rural women through technology support to create recycled paper products, ICT-assisted art and craft design, identification and cultivation of medicinal and aromatic plant species and clean & renewable energy as part of our passion for making a meaningful impact on the communities and people around us and transforming their lives for the better, through extension activities.

At UPES - research, consultancy and innovation are regarded as pillars of success and UPES has strong ecosystem to support them. The University recorded significant increase in publications in Scopus and Web of Science with 5374 in SCOPUS and 3591 in Web of Science and total citation has grown to 40881 (as per SCOPUS/Vidwan portal). The publications only for 2022 are 1734 in Scopus and 1158 in Web of Science. The H index has reached 54 in SCOPUS and 48 in Web of Science. The patents/design/copyright filed by faculty are 532, whereas 205 have been granted so far. The faculty so far has 108 funded projects, out of which 20 have been granted in 2022.

It is my greatest delight to share that nineteen professors of our University Prof. Rajendra Awasthi- Assistant Professor, Dr. Lakhveer Singh - Associate Professor, Dr. Akarsh Verma - Assistant Professor, Prof. J. B. Singh - Emeritus Professor, Prof. G. R. Desiraju - Distinguished Professor, Prof. D. K. Avasthi - Professor Emeritus & Dean (R&D), Prof. K. Asokan - Distinguished Professor, Prof. Neeraj Kumar - Adjunct Professor, Prof. Ajay Gupta - Emeritus Professor, Prof. Manish Kumar - Head Sustainability Cluster, Prof. Girish Chandra Kothiyari - Senior Associate Professor, Prof. Siddharth Jain - Associate Professor, Prof. Tapan Behl - Associate Professor, Prof. Shyam Sundar Santra - Assistant Professor (Senior Scale), Prof. Ashok Pandey - Distinguished Professor, Prof. Tejrj M. Aminabhavi - Distinguished Professor, Prof. Yong Sik OK - Adjunct Professor, Prof. Meththika Vithanage - Adjunct Professor, Prof. Damià Barceló - Adjunct Professor have featured among Top 2% Researchers in the world as per the lists published by Stanford University.

I feel proud to present that five of our professors, Prof. Ashok Pandey - Distinguished Professor, Prof. Tejrj M. Aminabhavi - Distinguished Professor, Prof. Yong Sik OK - Adjunct Professor, Prof. Meththika Vithanage - Adjunct Professor, Prof. Damià Barceló - Adjunct Professor have also featured among Highly Cited Researchers as per Clarivate list published in 2021.

At UPES, placements and employability of our graduates is a key outcome. We closed the 2021-22 academic year with 96.55% placements of our eligible students. 2669 students received 4057 offers where 2577 students have been placed.

Students' welfare has always been amongst the top-most priorities at UPES. Numerous proactive measures are prioritized to ensure health, safety and holistic development of our students. Sports infrastructure has been enhanced at both Bidholi and Kandoli campuses by adding new Basketball Courts, Volleyball Courts, Cricket Pitches and Badminton Courts.

As we celebrate our success story of Academic Year 2021-22 we remain focused to our larger purpose of transforming lives and remain steadfast in our commitment to work with even greater zeal, confidence and passion in the years that follow. We are certain of your support in furtherance of the objectives of our University.

Dr. Sunil Rai
Vice Chancellor

TABLE OF CONTENTS

1. About the University	7
<ul style="list-style-type: none"> • UPES Milestone (<i>Journey so far</i>) • Vision and Mission • UPES Core Values • Statutory Bodies (<i>Board of Governors, Board of Management, Academic Council, Finance Committee</i>) • Officers of the University • Committees (<i>ICC, Grievance, Anti-Ragging, Anti-Discrimination, etc.</i>) • University Organogram 	
2. Credentials – Accreditation/ Rankings/ Ratings	21
3. Programs Offered:	23
<ul style="list-style-type: none"> • School wise Programs Offered • Admission Process • Students Intake 	
4. Students Diversity	27
5. Faculty and Staff Diversity.....	28
6. Human Resources	29
<ul style="list-style-type: none"> • People Development Programs • HR Activities Details • Employee Welfare Measures • Incentives/Awards 	
7. Academic Report	33
<ul style="list-style-type: none"> • Academic Innovation and Pedagogy • Academic Delivery Data – Classes Scheduled & Held • Laboratories Details • Blackboard • Faculty Feedback • IQAC Initiatives • Achievements and Activities: School, Faculty and Student 	
8. Examinations	57
<ul style="list-style-type: none"> • Academic Calendar • Examination Schedule • Initiatives Taken • Result Analysis and Declaration of Results • Re-evaluation & Grievance • Pass Percentage 	

9. Research & Development	103
<ul style="list-style-type: none"> • Research Centers • Projects (<i>Funded, consultancy etc.</i>) • Patents • Research Publications • Book Chapters / Conference Proceeding Papers 	
10. Academic and Scholarly Activities	306
<ul style="list-style-type: none"> • Conferences • Seminars / Workshops / Webinars / Summit / Panel Discussion • Guest Lectures • Value Added Programs / Faculty Development Programs / Trainings 	
11. Academic Collaborations (National / International)	314
12. Placement Records	316
<ul style="list-style-type: none"> • Placement Process • Training • Industry Engagement / Connectivity Program • School Wise Placement Record • Dream Offer / Super Dream Offer • List of Company –Visited 	
13. Students Support and Extension Activities	328
<ul style="list-style-type: none"> • Mandate of Student Welfare • Clubs / Student Chapter • Events Conducted (Cultural, Fest, Webinars, Workshop, Conference etc.) • Extension Activities • Mentor – Mentee Program • Student Induction / Orientation Program • Grievance Redressal • Library • Scholarship / Financial Aid Provided • UPES Centre For Innovation and Entrepreneurship (UCIE) 	
14. Alumni Association	350
15. Convocation	354
16. Financials	355

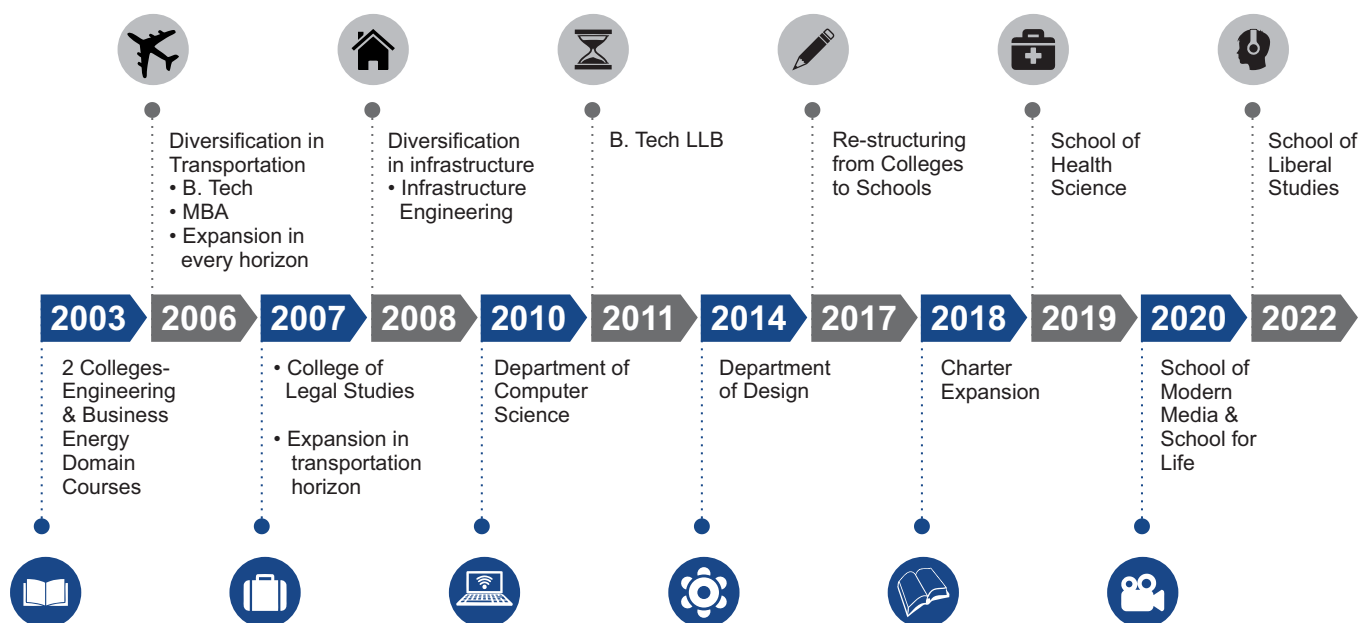
ABOUT THE UNIVERSITY

UPES was established in the year 2003 through UPES Act, 2003 of the State Legislature of Uttarakhand and listed under Section 2(f) of UGC Act. With an ambitious vision and unique approach, UPES emerged as an innovative institution offering industry-focused specialised undergraduate and postgraduate courses, some of which cater to high-growth areas like Cloud Computing, Mechanical Engineering, Civil Engineering, Aerospace Engineering, Mechatronics Engineering, Fine Arts, Big Data Analytics, Public Administration, Machine Design Engineering, Computer Science, Petroleum, Graphic and Gaming and so on.

With an expansion of UPES charter under the 'University of Petroleum and Energy Studies (Amendment) Act, 2018, UPES can extend education and conduct research in areas like Humanities, Social Science, Natural Science, Engineering Technology, Medical, Dental & Health Science, Law Studies and Formal Science.

The University has a sprawling 44-acre campus in the lush and verdant environs of Dehradun. The University takes pride in offering its students a world-class Academic Infrastructure, Multimedia-enabled Classrooms, Modern Research Labs, Playing Fields, Food Courts, Hostels and facilities for curricular and extra-curricular activities. Its commitment to providing students a multifaceted all-round growth and development reflects in its superior track record of 90% + placements year after year; indeed leverages its strategic partnerships with industry stalwarts for all its programs to create employable, bright and future-ready professionals. Given its industry-oriented programs and emphasis on holistic development, UPES graduates naturally become the preferred choice for employers. Thus, the university develops and hones future leaders for diverse high-growth sectors in India and globally.

UPES MILESTONE (JOURNEY SO FAR)



*School for Life is a non-degree school

VISION

To be an Institution of Global standing for developing professionally competent talent, contributing to nation building.

MISSION

- Develop industry-focused professionals with an international outlook.
- Foster effective outcome-based education system to continually improve teaching-learning and research.
- Inculcate integrative thought process among students to instill lifelong learning.
- Create global knowledge eco-system through training, research & development and consultancy.
- Practice and promote high standards of professional ethics and develop harmonious relationship with environment and society.

UPES CORE VALUES

- Respect
- Innovation
- Passion
- Inclusivity
- Trust

UPES STATUTORY AUTHORITIES

The UPES Act provides for the following Statutory Authorities of the University

Board of Governors	Highest Regulatory Body to lay down policies, approve the Budget / Annual Report, make, amend or repeal Statutes & Rules, etc.
Board of Management	Principal Executive Body to approve senior appointments, fix emoluments of employees, approve infrastructural requirements, prepare annual accounts through the Finance Committee, accept donations, enter into contracts, select common seal, make rules, etc.
Academic Council	Principal academic body to coordinate and exercise general supervision over the academic policies of the University.
Finance Committee	Principal financial body to take care of financial matters, prepare annual accounts and financial estimates, etc.

COMPOSITION OF VARIOUS AUTHORITIES
BOARD OF GOVERNORS [2021 – 2024]

	Members
Chairman	Dr. S. J. Chopra, Chancellor, UPES
Nominee of Govt. of Uttarakhand	Principal Secretary / Secretary (HE), Government of Uttarakhand
Member Secretary	Dr. Sunil Rai, Vice Chancellor, UPES
Five Members Nominated by HERS	Mr. Sharad Mehra, Chairman, HERS
	Mr. Deepak Seth, Group Chairman, Pearl Group of Companies
	Mr. Rajat Mukherjee, Partner, Merger & Acquisition Practice Group, Khaitan & Co. Law Firm
	Ms. Nandita Abraham, Chief Partnership Officer, GUS Global Services India Pvt. Ltd.
	Dr. Himendu P. Mathur, Allahabad Bank, Chair Professor at FMS, BHU
A Nominee Officer from Institution of National Importance (as maintained by MHRD, GoI), nominated by the Chancellor	Prof. Surendra Prasad, Professor, Dept. of Electrical Engg., Indian Institute of Technology Delhi & Former Director IIT Delhi
Three Nominee Officers from the Professional / Experts of the Industrial World, nominated by the Chancellor including at least one nominated officer from the Oil & Gas Companies	Mr. Satish Gokhale, Director – Industrial Design, Design Directions Pvt. Ltd.
	Lt. Gen. T. S. Shergill, PVSM (Retd.)
	VACANT
Three Eminent Persons from Industry / Research / Academics nominated by the Visitor	Mr. Ashwani Kumar Sood, Former Director (Engg. & Construction), M/s Indorama Ventures Olefins LLD, Lake Charles Louisiana State
	Dr. K. K Aggarwal, Chairman, National Board of Accreditation (NBA)
	Mr. Surendra Singh Rawat, IAS (Retd.)

BOARD OF MANAGEMENT [2021 - 2024]

	Members
Chairman	Dr. Sunil Rai, Vice Chancellor
Nominee of Government of Uttarakhand	Principal Secretary/Secretary (HE), Government of Uttarakhand
Secretary	Mr. Manish Madaan, Registrar, UPES
Five Members Nominated by HERS	Mr. Sharad Mehra, Chairman HERS
	Mr. Piyush Arora, Director – Business Strategy
	Mr. Ravi S Kumar, Head – HR
	Mr. Navneet Mehta, Finance Officer
	Ms. Stuti Gandhi, Sr. Director Marketing
A Nominee Officer from Institution of National Importance (as maintained by MHRD, GoI), nominated by the Chancellor	VACANT
Two Professors of the University by Rotation on the Basis of Seniority for a period of 1 Year	Dr. Debkumar Chakrabarti, Distinguished Professor, School of Design
	Dr. Thipendra P Singh, Professor, School of Computer Science
Three Deans/Directors of Faculty as nominated by the Chancellor	Dr. Ram Sharma, Pro Vice Chancellor
	Dr. Nalin Mehta, Dean – School of Modern Media
	Prof. Gurvinder Singh Virk, Dean- School of Engineering

ACADEMIC COUNCIL [2021 - 2024]

	Members
Chairman	Dr. Sunil Rai, Vice Chancellor
Pro Vice Chancellor	Dr. Ram Sharma
Secretary	Mr. Manish Madaan, Registrar
Two Professors other than Deans by rotation in order of seniority	Dr. Neelu Jyoti Ahuja, Professor, School of Computer Science
	Dr. Ajay Kumar, Professor, School of Engineering
One Member from amongst the Heads of Constituent Colleges/ Centers to be nominated by the Vice Chancellor	NOT APPLICABLE
Deans of the Faculty	Prof. Gurvinder Singh Virk, Dean – School of Engineering
	Dr. Ravi Shankar Iyer, Dean – School of Computer Science
	Dr. Ram Sharma, Officiating Dean – School of Health Sciences & Technology
	Mr. Rahul Nainwal, Director – School of Business
	Prof. Phani Tetali, Dean – School of Design
	Dr. Vijay Kumar Singh, Dean – School of Law
	Dr. Nalin Mehta, Dean – School of Modern Media
	Dr. Devesh Kumar Avasthi, Dean – Research and Development
	Dr. Shubhashis Gangopadhyay, Dean – School of Liberal Studies
Five Distinguished Academicians nominated by the Vice Chancellor	Dr. N.K. Goel, Professor, Department of Hydrology, Indian Institute of Technology, Roorkee
	Prof. V. K. Nangia, Emeritus Professor, Netaji Subhash University of Technology (NSTU), Dwarka, New Delhi
	Prof. J.P. Gupta, Director Emeritus (Quality Assurance), UPES
	Dr. Karan Vasisht, Professor of Pharmaceutical Sciences, Punjab University, Chandigarh
	Prof. (Dr.) B T Kaul, Former, Chairperson, Delhi Judicial Academy (Delhi High Court) Professor, Faculty of Law, Delhi University

	Members
Twelve Management Professionals	Prof. Pradyumna Vyas, Advisor CII, Board Member WDO
	Dr. Brajesh Kumar Singh, Group Consulting Editor at News18 Network
	Dr. D. Kanjilal, Prof. Material Science & Engineering, Raja Ramanna Fellow, Inter University Accelerator Centre
	Mr. Ashutosh Pasricha, OFS Account Director, Schlumberger - India
	Prof. Karmeshu, Distinguished Professor, Department of Computer Science & Engineering, Shiv Nadar University
	Dr. R.K. Malhotra, Director General, Petrofed
	Prof. Shalabh Bhatnagar, Professor, Dept of Computer Science and Automation Indian Institute of Sciences, Bangalore
	Dr. K. Munshi, Professor, IDC, IIT Bombay Director, CTech Labs Pvt. Ltd. SINE IIT Bombay
	Dr. L. Ravi, Advisor, GMR Group
	Dr. S.C. Sharma, Former OSD to GoI and GGM – ONGC
Permanent spl. Invitee from Bar Council	Prof. Dipankar Gupta, Former Professor in the Centre for the Study of Social Systems, JNU, New Delhi
	Dr. Bhimaraya Metri, Director IIM Nagpur
	Mr. D.K. Sharma, Sr. Advocate – High Court Nainital

FINANCE COMMITTEE [2021 - 2024]

	Members
Chairman	Dr. Sunil Rai, Vice Chancellor
Nominee of Government of Uttarakhand	Principal Secretary / Secretary (HE), Government of Uttarakhand
Pro Vice Chancellor	Dr. Ram Sharma
One Dean on Seniority Basis	Dr. Vijay Kumar Singh, Dean – School of Law
Nominee of the Chancellor	Mr. Ravi S Kumar, Head – HR
Nominee of Board of Governors	Mr. Bharat Kharbanda, Chief Operating Officer
Member Secretary	Mr. Navneet Mehta, Finance Officer
Permanent Spl. Invitee	Mr. Manish Madaan

*Composition as on September 2022

DETAILS OF MEETINGS OF THE STATUTORY AUTHORITIES OF THE UNIVERSITY

Statutory Authorities	Dates of Meetings
Board of Governors	18.10.2021, 10.12.2021, 08.03.2022
Board of Management	13.10.2021, 08.12.2021, 22.02.2022
Academic Council	11.10.2021, 26.04.2022
Finance Committee	13.10.2021, 08.12.2021, 22.02.2022

OFFICERS OF THE UNIVERSITY

As stipulated in the Act, the following are the Officers of the University

1. the Visitor (Governor of Uttarakhand)
2. the Chancellor
3. the Vice Chancellor
4. the Pro-Vice Chancellor
5. the Deans of Faculty
6. the Registrar
7. the Finance Officer
8. other officers as declared by the Statutes to be officers of the University

COMMITTEES

STUDENT GRIEVANCE REDRESSAL COMMITTEE

In accordance with the UGC Grievance Redressal Regulation May 2019, the committee has been constituted effective for the duration 1st January 2021 to 31st December 2023.

Further to above constitution the Committee was reconstituted on 01st March 2022

1. Institutional / University Level Student Grievance Redressal Committee (ISGRC):

- Where a complaint does not relate to any academic Department, School or Centre of a University, as the case may be, the matter shall be referred to this Committee.
- The quorum for the meetings of the ISGRC, including the Chairperson, but excluding the special invitee, shall be three.
- This Committee shall send its report with recommendations, if any, to the Vice Chancellor, along with a copy thereof to the aggrieved student, within a period of 15 working days from the date of receipt of the grievance.

The members of the committee are:

- Dr. Sunil Rai, Vice Chancellor - Chairperson
- Mr. Manish Madaan, Registrar
- Dr. Nishant Mishra, Dean Student Welfare
- Dr. Gurminder Singh Virk, Dean SOE
- Dr. Vijay Kumar Singh, Dean SOL

Special Invitees

- Student representative of the School are nominated by the Vice Chancellor based on academic merit/excellence in Sports/performance in Co-curricular activities
- Representative from Dean of Student Welfare Office - Convenor

@ Additional members may be co-opted if required

Other functions of the Committee shall be as under:

- Any aggrieved student may make an application seeking redressal of grievance to the Registry Mr. Ashutosh Dora (Dean of Student Welfare Office) or email : grievanceredressal@ddn.upes.ac.in
- While dealing with the grievance received from any aggrieved person the Committee shall follow the procedure as prescribed under Regulation of UGC.

2. Collegiate (School) Student Grievance Redressal Committee (CSGRC):

- A complaint from an aggrieved student relating to a School shall be addressed to this Committee.
- The quorum for the meeting including the Chairperson, but excluding the special invitee, shall be three.
- This Committee shall send its report with recommendations, if any, to the Vice-Chancellor and a copy thereof to the aggrieved student, within a period of 15 days from the date of receipt of the complaint.

School of Engineering

Dr. Gurvinder Singh Virk (Dean) – Chairperson

- Dr. Sanjeev Kumar (Associate Professor)
- Dr. P. Suresh (Assistant Professor - SG)
- Dr. Shilpi Agarwal (Assistant Professor – SG)

Special Invitees

- Student representative
- Representative from Dean of Student Welfare Office - Convenor

@ Additional members may be co-opted if required

School of Business

Mr. Rahul Nainwal (Director) – Chairperson

- Dr. Anita Sengar (Associate Professor)
- Mr. Neeraj Kataria (Assistant Professor-SG & Proctor)
- Dr. Saurabh Tewari (Associate Professor)

Special Invitees

- Student representative
- Representative from Dean of Student Welfare Office - Convenor

@ Additional members may be co-opted if required

School of Computer Science

Dr. Neelu Jyoti Ahuja (Professor) – Chairperson

- Dr. Alok Agarwal (Professor)
- Dr. Susheela Dahiya (Assistant Professor)
- Mr. Vishal Kaushik (Assistant Professor – SG)

Special Invitees

- Student representative
- Representative from Dean of Student Welfare Office - Convenor

@ Additional members may be co-opted if required

School of Design

Dr. Ishan Khosla (Associate professor/Cluster Head) – Chairperson

- Soumitra Bhattacharya (Associate Professor)
- Mr. Manas Ranjan Mishra (Associate Design Fellow)
- Ms. Jharna Joshi (Associate Professor)

Special Invitees

- Student representative
- Representative from Dean of Student Welfare Office - Convenor

@ Additional members may be co-opted if required

School of Law

Dr. Vijay Kumar Singh (Dean) – Chairperson

- Dr. Shikha Dimri (Sr. Associate Professor)
- Mr. Abhishek Sinha (Assistant Professor)
- Dr. Vinita Singh (Associate Professor)

Special Invitees

- Student representative
- Representative from Dean of Student Welfare Office - Convenor

@Additional members may be co-opted if required

School of Health Sciences & Technology

Dr. Kuldeep Kumar Roy (Cluster Head) – Chairperson

- Dr. Jyoti Upadhyay (Assistant Professor)
- Dr. Raj Kumar Tiwari (Assistant Professor - SG)
- Dr. Deep Anmol Singh (Assistant Professor)

Special Invitees

- Student representative
- Representative from Dean of Student Welfare Office - Convenor

@Additional members may be co-opted if required

School of Modern Media

Mr. Sanjeev Ratna Singh (Cluster Head) – Chairperson

- Ms. Debjani Mukherjee (Assistant Professor - SS)
- Ms. Neha Verma (Assistant Professor - SS)

Special Invitees

- Student representative
- Representative from Dean of Student Welfare Office - Convenor

@Additional members may be co-opted if required

3. Departmental Student Grievance Redressal Committee (DSGRC):

To address complaint pertaining to the Department, the Dean of the School will constitute the Grievance Redressal Departmental Committee as follows:

- Head of the Department - Chairperson
- Three Senior Faculty nominated by HoD
- A student representing the department where the Grievance has occurred to be nominated, based on academic merit

The committee to submit the report with recommendations to the Dean within 15 days from the date of receipt of the complaint

4. Internal Complaints Committee

ICC composition was circulated vide our communication No. UPES/VC/POSH-2021-22 dated 01/10/2021 for the period starting from 01st October 2021 to 30th September 2024, the "Internal Complaints Committee as per University Grants Commission (Prevention, prohibition and redressal of Sexual Harassment of Women employees and students in higher educational institutions) Regulations, 2015 for the UPES.

Amendment to above Office Communication was circulated vide UPES/VC/POSH-2021-22 dated 11/03/2022 vide which Committee Composition was updated as follows:

- Dr. Aparna Singh – Chairperson
- Dr. Neelu Jyoti Ahuja
- Ms. Jharna Joshi
- Dr. Nunna Prasanthi
- Col. Rajendra Singh Dhami
- Mr. Jatin Rawal
- Mr. Ashutosh Dora
- Ms. Sunita Motwani Kukreja

Further to that three students, are being nominated at the Undergraduate, Master's and Research Scholar levels respectively have been nominated on the ICC who shall participate if the matter involves students.

Under Graduation level:	Post-Graduation level:	PhD. Scholar:
Name: Bhavya Raturi Course: B.Sc. Year: 3 rd Year	Name: Chirag Agarwal Course: MBA-IB Year: 2 nd Year	Name: Soumya Singh Course: PhD. – Health Science

5. Anti-Ragging Committee

The “UGC regulation on Curbing the Menace of Ragging in Higher Educational Institutions, 2009” as promulgated u/s29 of UGC Act has been adopted by UPES.

The Anti-Ragging Committee comprises of the following members:

Chairman: Prof. (Dr.) Nishant Mishra, Dean Student Welfare, UPES

Member Secretary: Mr. Ashutosh Dora, Deputy Head Discipline & Student Conduct, UPES

Members:

- Col. R.S. Dhami, SC (Retd), Chief Proctor
- Mr. Karan Singh, Deputy Director, Sports
- Dr. Shilpi Agarwal, Proctor, School of Engineering
- Dr. Rupesh Kumar, Proctor, School of Business
- Mr. Ashutosh Tripathi, Proctor, School of Law
- Dr. Susheela Dahiya, Proctor, School of Computer Sciences
- Ms. Milly Singh, Proctor, School of Design
- Dr. Shuchi Upadhyay, School of Health Sciences
- Mr. Bhuwan Nathani, Head Student Connect
- Mr. Anant Prakash Misra, Deputy Head, Sports and Engagement
- Mr. Vinod Kumar, SDM - Vikasnagar, Dehradun

- Mr. Jagmohan Singh Rana, Chowki Incharge, Police Station Bidholi, Dehradun
- Mr. Devendra Sati, Media Personnel
- Mr. Avdhesh Sharma of NGO
- Mr. Vinod Kumar Pandey, Parent Representative
- Mr. Prabhjot Singh, Student Representative
- Ms. Ishita Gupta, Student Representative

Administrative Support:

- Mr. Rajendra Singh Bisht, Manager, Hostels
- Mr. Prakash Chandra, Chief Security Officer
- Mr. Ashwani Thapliyal, Warden, Boys Hostel, Bidholi Campus
- Ms. Manju Pant, Senior Warden, Girls Hostel, Bidholi Campus
- Ms. Poonam, Warden, Girls Hostel, Kandoli Campus
- Mr. Ajay Chouhan, Assistant Registrar, Academic Planning and Operations
- Mr. Deepak Bijalwan, Section Officer, SRE

6. Anti-Ragging Squad

Constitution of Anti-Ragging Squad under {“UGC Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009”} Academic Year 2022-23.

For the Academic Year 01st July 2022 to 30th June 2023, Anti Ragging Squad of Ragging in Higher Educational Institutions, 2009 on 17th June 2009, for UPES Dehradun Campus comprises of the following members:

Members:

- Ms. Shilpi Yadav – Proctor, SOL
- Mr. Sambabu KC – Assistant Professor – SG, SOL
- Mr. Amar Shukla – Proctor, SOCS
- Dr. Rashmi Sharma – Proctor, SOCS
- Dr. Gagandeep Kaur – Proctor, SOL
- Mr. Anant Prakash Mishra – Deputy Head - Sports and Engagement
- Mr. Vishal Gangwar – Assistant Manager, Administration
- Ms. Bindu Thapa – Warden, Girls Hostel
- Mr. K.S. Atri – Warden, Boys Hostel
- Mr. Rajesh Singh – Manager, Finance
- Mr. K.K. Lal – Sr. Associate Librarian
- Mr. Manpreet Singh – Manager, Administration
- Mr. Amar Veer Saxena – Sports Officer, Kandoli
- Mr. Nimit Sharma – Deputy Registrar, SRE

7. Internal Committee for Students with Disabilities

An internal committee for students with disabilities is constituted at University by the Vice Chancellor to address any problems and requirements of the students with disabilities. The committee composition is as follows:

- Mr. Karan Singh, Deputy Director – Dean of Student Welfare Office
- Ms. Swasti Agrawal, Section Officer – Registrar Office

- Dr. Jyoti Upadhyay, Assistant Professor – School of Health Sciences & Technology
- Dr. S. K. Singh, Chief Medical Officer, UPES
- Ms. Theodora Gomes, Parent Representative
- Ms. Ridhima Singhal, Student Representative

8. Anti-Discrimination Cell (2021 - 2023)

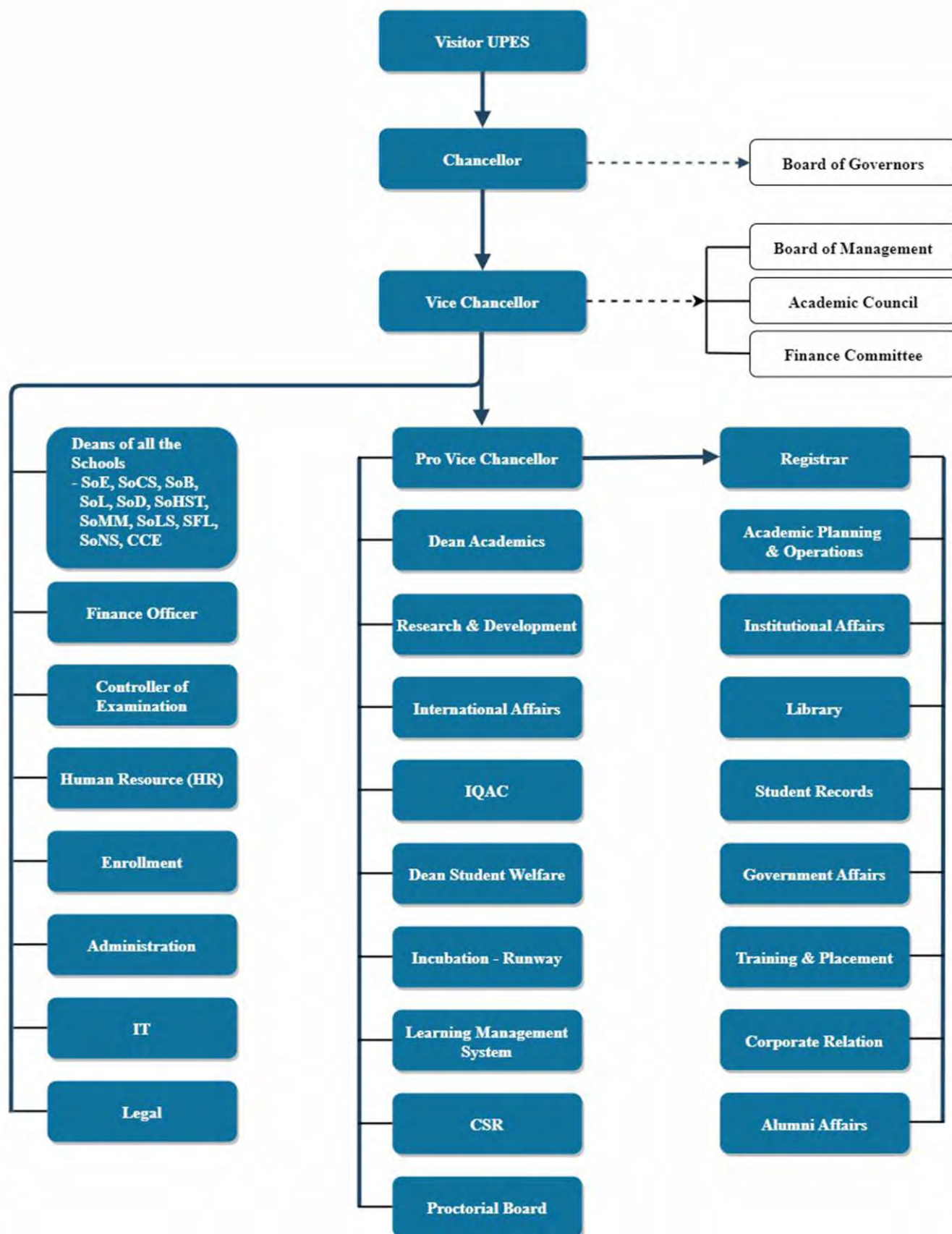
The UPES constituted a committee on Anti-Discrimination to oversee steps to prevent any kind of discrimination on campus on the basis of gender, race, caste, marital or civil partnership status, sexual orientation, religion or belief, age or disability. For Academic Year 1st July, 2021 to June, 2023, the Anti-Discrimination Cell for the UPES Dehradun Campus comprises of the following members:

- Mr. Baij Nath, Director - Legal - Chairperson
- Dr. Sanjeev Kumar Dubey, Member - Faculty
- Dr. Shalini Vohra, Member - Faculty
- Mr. Bhishek Singh, Member - HR
- Mr. Lakshay Sharma, BALLB SPZ. (2020)
- Ms. Srishti Das, B.A., Public Policy And Administration (2021)

@Additional members may be co-opted if required.

**Committees as on 1st July 2022*

ORGANOGRAM



CREDENTIALS - ACCREDITATION/ RANKINGS/ RATINGS ACHIEVED



National Assessment and Accreditation Council (NAAC)

NAAC 'A' Accreditation achieved by UPES



NATIONAL BOARD OF ACCREDITATION (NBA)

- B.Tech, Automotive Design Engineering
- B.Tech, Chemical Engineering (Refining and Petrochemicals)
- Applied Petroleum Engineering
- Mechanical Engineering
- Mechatronics Engineering
- Fire & Safety Engineering
- Civil Engineering (Specialization in Infrastructure Development)



NATIONAL INSTITUTIONAL RANKING FRAMEWORK (NIRF) 2022

- University: 65th Rank
- Law: 21st Rank
- Management: 41th Rank
- Engineering: 61th Rank
- Overall: 97th Rank



UGC DEB

OL Mode Approval Received for AY 2022-23 on
7th September 2022

ODL Mode Approval Received for AY 2022-23 on
16th August 2022



INTERNATIONAL ACCREDITATION COUNCIL FOR BUSINESS EDUCATION (IACBE)

- MBA (Oil & Gas Management)
 - MBA (Logistic and Supply Chain Management)
- (Valid upto April 2024)



QS STARS RATING SYSTEM

Rated Five-Star in Employability, Academic Development, Facilities and MBA Oil & Gas Management category



GREAT PLACE TO WORK

- Certified as a Great Place to Work
- Certification Period March 2022 to February 2023



QS I. GAUGE INDIAN COLLEGE & UNIVERSITY RATING

- Granted E-lead Certification
- Acknowledged that the University is successfully engaging students and teachers through virtual mediums and has adequate IT support systems and IT Policy
- Valid from 28.06.2021 – 27.06.2023

INSTITUTION OF HAPPINESS

Received QS “Institution of Happiness” Award

PROGRAMS OFFERED

SCHOOLWISE PROGRAMS OFFERED

SCHOOL OF ENGINEERING (SOE)

- B.Tech, Applied Petroleum Engineering (Upstream)
- B.Tech, Applied Petroleum Engineering (Gas Stream)
- B.Tech, Chemical Engineering (Refining and Petrochemicals)
- B.Tech (Mechanical Engineering)
- B.Tech (Automotive Design Engineering)
- B.Tech (Mechatronics Engineering)
- B.Tech (Renewable and Sustainable Energy Engineering)
- B.Tech (Advance Materials and Nano Technology)
- B.Tech (Aerospace Engineering)
- B.Tech (Electronics and Communication Engineering)
- B.Tech, Civil Engineering (Infrastructure Development)
- B.Tech (Fire and Safety Engineering)
- B.Tech (Electrical Engineering)
- Integrated (B.Sc) - (M.Sc) Chemistry
- Integrated (B.Sc) - (M.Sc) Mathematics
- Integrated (B.Sc) - (M.Sc) Physics
- B.Sc. (Hons.) Chemistry
- B.Sc. (Hons.) Mathematics
- B.Sc. (Hons.) Physics
- B.Sc. (Hons.) Geology
- M.Tech (Petroleum Engineering)
- M.Tech Chemical Engineering (Process Design Engineering)
- M.Tech (Computational Fluid Dynamics)
- M.Tech (Automation and Robotics Engineering)
- M.Tech (Health Safety and Environment Engineering)
- M.Tech Structural Engineering (Offshore)
- M.Tech (Energy Systems and Sustainability)
- M.Tech (Renewable Energy Engineering)
- M.Sc. (Chemistry)
- M.Sc. (Petroleum Geosciences)
- M.Sc. (Physics)

SCHOOL OF COMPUTER SCIENCE (SOCS)

- B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)
- B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)
- B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)
- B.Tech (Hons.) Computer Science and Engineering (Mobile Application Development)
- B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)
- B.Tech (Hons.) Computer Science and Engineering (Computational Sustainability)
- B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)
- B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)
- B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)
- B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)
- B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)

- B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)
- B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)
- B.Tech (Hons.) Computer Science and Engineering (Blockchain Technology)
- B.Tech (Hons.) Computer Science and Engineering (DevOps)
- B.Tech (Hons.) Computer Science and Engineering (E-Commerce)
- B.Tech (Hons.) Computer Science and Engineering (Big Data)
- BCA (Internet of Things)
- BCA (Banking, Financial Services and Insurance)
- MCA (Artificial Intelligence and Machine Learning)
- MCA (Cyber Security and Forensics)
- MCA (Banking, Financial Services and Insurance)
- MCA (Internet of Things)
- M.Tech Computer Science and Engineering (Artificial Intelligence)
- M.Tech Computer Science and Engineering (Image Processing)
- M.Tech Computer Science and Engineering (Data Analytics)
- M.Tech Computer Science and Engineering (Cyber Security and Forensics)
- M.Tech (by Research)

SCHOOL OF DESIGN (SOD)

- B.Des (Graphics and Communication Design)
- B.Des (User Experience and Interaction Design)
- B.Des (Animation and VFX)
- B.Des (Interior and Retail Space Design)
- B.Des (Transportation and Mobility Design)
- B.Des (Game Design)
- B.Des (Fashion Design)
- B.Des (Product Design)
- B.Des (Lifestyle and Accessory Design)
- M.Des (Product Design)
- M.Des (Interaction Design)
- M.Des (Transportation and Mobility Design)
- M.Des (Fashion Design)
- M.Des (Graphic Design)
- Integrated B.Des - M.Des (Product Design)
- Integrated B.Des - M.Des (Transportation and Mobility Design)
- Integrated B.Des - M.Des (Interaction Design)
- Integrated B.Des - M.Des (Fashion Design)
- Integrated B.Des - M.Des (Graphic Design)

SCHOOL OF BUSINESS (SOB)

- BBA (Aviation Management)
- BBA (Human Resources / Marketing Management / Operations Management / Finance Management)
- BBA (Digital Business)
- BBA (Foreign Trade)
- BBA (Oil and Gas Marketing)
- BBA (Logistics Management)
- BBA (Analytics and Big Data)
- BBA (Green Energy and Sustainability)
- BA (Public Policy and Administration)
- BA (Hons.) Economics
- B.Com. (Hons.)

- MBA (Oil and Gas Management)
- MBA (Power Management)
- MBA (Digital Business)
- MBA (Aviation Management)
- MBA (Logistics and Supply Chain Management)
- MBA (International Business)
- MBA (Human Resource/ Marketing Management/ Finance Management/ Operations Management)
- MBA (Business Analytics)
- Integrated BBA – MBA (Marketing Management)
- Integrated BBA – MBA (Finance Management)
- Integrated BBA – MBA (Human Resource)
- Integrated BBA – MBA (Operations Management)
- Integrated B.Com (Hons) – MBA (E-Commerce)
- Integrated B.Com (Hons) – MBA (Banking and Insurance)

SCHOOL OF LAW (SOL)

- B.A. LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)
- BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)
- B.Com. LL.B (Hons.) (Taxation Law / Media and Entertainment Law/ Legal Compliance and Secretarial Practices / Corporate Law)
- LL.M. (Energy Law / International Business Law / Corporate and Securities Law / Cyber Law / Environmental Law and Policy / Artificial Intelligence and Machine Learning)
- LL.B.

SCHOOL OF HEALTH SCIENCES AND TECHNOLOGY (SOHST)

- B.Sc. (Food, Nutrition and Dietetics)
- B.Pharmacy
- B.Sc. (Microbiology)
- B.Sc. (Clinical Research)
- B.Tech (Food Technology)
- B.Tech (Biotechnology)
- M.Sc. (Microbiology)
- M.Sc. (Nutrition and Dietetics)
- M.Sc. (Clinical Research)
- Integrated (B. Sc.) - (M. Sc.) Nutrition and Dietetics
- Integrated (B. Sc.) - (M. Sc.) Microbiology
- Integrated (B. Sc.) - (M. Sc.) Clinical Research
- Integrated B.Tech (Food Technology) - (MBA)

SCHOOL OF MODERN MEDIA (SOMM)

- BA Journalism and Mass Communication (Digital)
- BA Digital and Mass Media (Broadcasting)
- BBA (Events, Public Relations and Corporate Communications)
- MA Digital and Mass Media (Broadcasting)
- MA Journalism and Mass Communication (Digital)

ADMISSION PROCESS

Program	Selection Criteria
B. Tech	Admission is based on UPES Engineering Aptitude Test followed by Centralized Counseling Or Centralized Counseling through Merit rank for Non-Exam Category (JEE)
M. Tech	Based on Screening of Application & Interview
B.Sc.	Admission is based on screening of application and interview
BCA	Admission is based on performance in Technical Interview
B. Des.	Based on performance in UPES – DAT online entrance test followed by Presentation of Portfolio and interview Or For candidates with Board merit, the admission is based on the performance in interview and portfolio presentation Or Based on Valid and Qualified JEE MAIN/ UCEED scores and performance in interview and portfolio presentation
M. Des.	Based on UPES Online Design Aptitude Test score and portfolio presentation and interview
BA LL.B / BBA LL.B / B.Com LL.B/ B.Sc LL.B	Admission is based on performance in UPES Law Studies Aptitude Test (ULSAT) / Board Merit / CLAT AIR Merit / L-SAT India Merit followed by Group Discussion & Interview
B. Tech LL.B	UPES Engineering Aptitude Test (UPESEAT) followed by Centralized Counseling
LLM	Based on UPES Online Entrance Test
B. Pharm.	Based on performance in test and Personal Interview
MBA	Admission is based on performance in UPESMET / National Level Test, followed by Group Discussion and Interview
BBA	X and XII Any Stream, Group Discussion and Personal Interview
M.Sc	10th and 12th (PCM/B) and graduation in relevant subject
MA	X, XII and Graduation in any stream
BA	X and XII in any Stream, Personal Interview
B. Com (Hons.)	Class X and XII

STUDENTS INTAKE

Number of Programs Offered: **126**

Number of Eligible Applications received for admission to all programs: **93491**

Number of Students Seats: **3335**

Number of Students Enrolled: **3723**

STUDENT DIVERSITY

GRADUATION SYSTEM	MALE	FEMALE	TOTAL
Under Graduate Program:	7522	3484	11006
Post Graduate Program:	679	425	1104
Integrated Program	41	53	94
Total Student:	8242	3962	12204

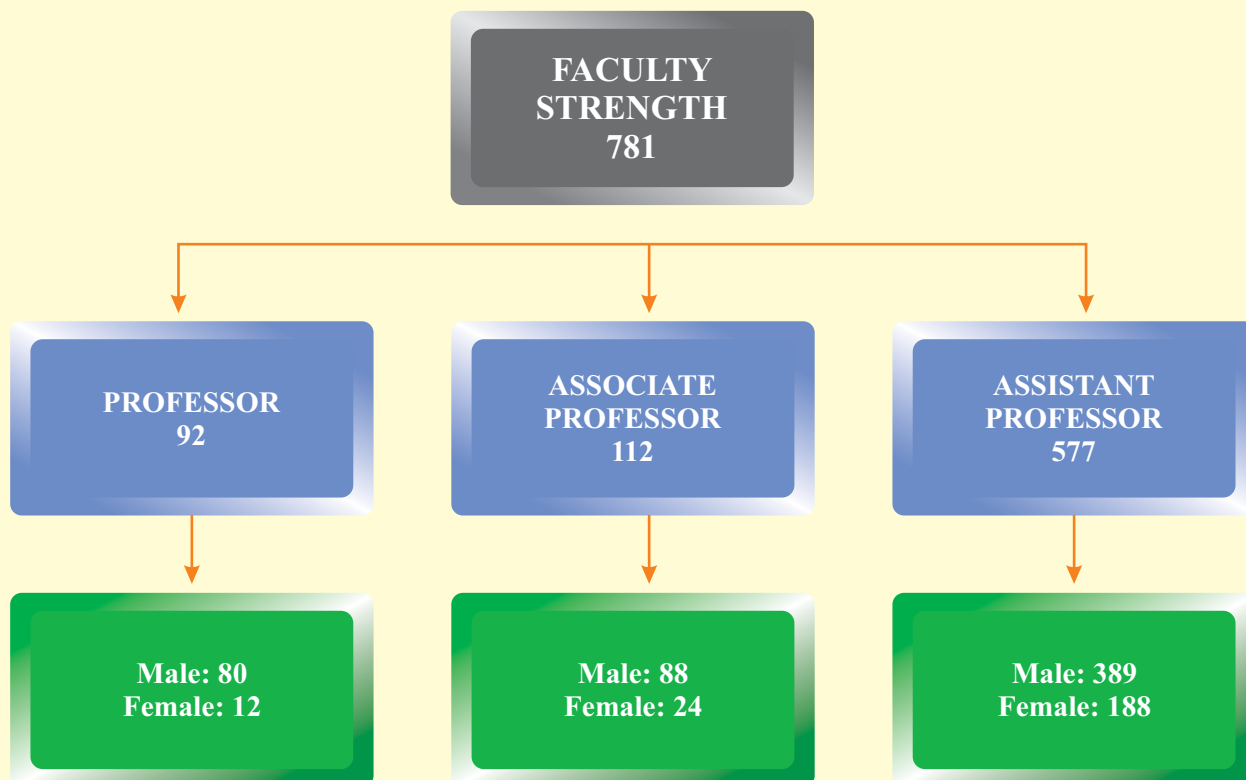
*As on 30th June 2022

Student from Different States and Union Territories of India	
Andaman and Nicobar Islands	6
Andhra Pradesh	132
Arunachal Pradesh	4
Assam	71
Bihar	645
Chandigarh	32
Chhattisgarh	215
Dadra and Nagar Haveli	2
Delhi	850
Goa	12
Gujarat	149
Haryana	1208
Himachal Pradesh	156
Jammu and Kashmir	40
Jharkhand	284
Karnataka	56
Kerala	171
Madhya Pradesh	587
Maharashtra	330
Manipur	1
Meghalaya	4
Mizoram	1
Nagaland	4
Orissa	84
Pondicherry	3
Punjab	258
Rajasthan	950
Sikkim	3
Tamil Nadu	132
Telangana	129
Tripura	6
Uttar Pradesh	3155
Uttarakhand	2242
West Bengal	240



Students from India: 12162
Students from other Countries: 42

FACULTY DIVERSITY



Percentage of Faculty with Doctoral Degree: **46.48%**

HUMAN RESOURCES

FACULTY AND STAFF ORIENTATION PROGRAM

INDUCTION AT CAMPUS: An orientation program conducted to take all new joiners through a two day program to help employees understand the length and breadth of the University through sessions taken by the School / Function Heads. This program has been designed to help new joiners to interact with the leadership team and discover UPES.

PEOPLE DEVELOPMENT PROGRAM

UDAAN: A Leadership building program for 30 Academic Heads of the Departments from 6 Schools with an aim to build their leadership capability, thereby helping them become more effective people managers, was launched. This is a 1-year long journey having 4 powerful modules on Managing Self, Managing Teams, Managing Organizations and Leading Change. Each module is designed in such a way that there are lots of interactive sessions, simulations and role plays with an immersive experience. Each module is further designed with a slot of 3 days, thereby ensuring an investment of 12-man days of leadership development at HOD level.

SHAKTI: After successful completion of Shakti 1, UPES launched Shakti 2, a power packed program for the emerging women leaders at UPES. The purpose of the program is to develop the leadership capability of our women leaders who have been taken through a carefully designed intervention focused on adaptive skills, emotional intelligence, communication effectiveness and multiple other competencies needed to be successful in the world of tomorrow. The program is spread over nine months and is based on real empowerment.

SHIKHAR: Shikhar is talent development initiative and has been designed for developing leadership capability and a pipeline for larger roles as UPES grows. The program has been designed with the intent of helping the leaders to understand their roles deeper and quickly cultivate credibility with their stakeholders and also to make them start their journey from Manager to Leader Transition. The program consist of 4 modules and 9 man-days.

PRAGATI: The initiative was launched to inspire high potential and high performing leaders who possess the capability, attitude, aspiration and have been contributing to the organizational growth. The five key elements of Pragati are inspire, influence, immerse, improve and ignite. The programs focus on executive coaching and mentoring with the objective to develop strengths of individuals and work on their areas of development. It aimed to find the next top leaders of UPES who have the capability to move at least one level higher from their current role in a time span of two years and at least two level higher in 4-5 years. Pragati has 4 modules based on the Mckinsey Transformational Leadership Program and designed for a period of 12 months.

MANTHAN: Manthan is an event where the entire leadership team meets to celebrate the achievements of the times that have been and discuss the strategy for the times that will be. As part of the celebrations in “Manthan”, Excellence Awards are conferred upon employees under 8 categories as below:

- SOUL of UPES
- Best Faculty
- Best Researcher
- Best School
- Best Team

- Best Employee Award
- Best Leader – Academic & Non-Academic
- Best New Comer Award - Academic & Non-Academic

Nominations are taken from School Heads, Functional Heads and Managers followed by which an Awards Selection Committee comprising of Vice Chancellor, Chancellor, Chief Commercial Officer and Head HR deliberate looking at all achievements of nominees. Finally, those selected are felicitated at the Annual Awards – 'Excellence Awards Ceremony' at Manthan, one of the grandest Felicitation Fiestas at the UPES.

LEAP: Leap is a 11 month Post Graduate Program in Leadership and Management, offered to colleagues at UPES to help them build skills and attitude necessary for bigger roles & responsibilities. Participants will receive Certificate from UPES upon successful completion of the program. The program has specific objectives of Developing Gen Next leaders - Future CEOs, VCs, Presidents, Deans, Business Heads & Functional heads, giving opportunity to high potential young leaders to take center stage and creating a strong pipeline of professionals to take more responsibilities - in India as well as globally.

The program has been specially created to ensure – relevance, critical thinking, innovation, people leadership and technology. The program is relevant for both faculty as well as non-faculty colleagues as it focuses on core leadership skills that are needed in all areas.

NEW INITIATIVES

HR ACTIVITIES DETAILS

Title of the Event	Start Date	End Date
Shakti- The Incredible Power of our Women	2-Sep-21	On Going
Happy Teachers Day	5-Sep-21	5-Sep-21
LEAP	6-Sep-21	On Going
8th Shaheed Memorial Cricket Tournament	27-Dec-21	27-Dec-21
Happy Women's Day	7-Mar-22	7-Mar-22
Shakti 3	29-Nov-21	2-Dec- 21
Shakti 3	24-Feb-22	26-Feb 22
Shakti 3	19-May-22	20-May-22
Shakti 2	21-Mar-22	23-Mar-22
LEAP	3-Dec-21	6-Dec-21
LEAP	6-Jan-22	9-Jan-22
LEAP	10-Feb-22	13-Feb-22
LEAP	10-Mar-22	13-Mar-22
LEAP	29-Apr-22	2-May-22
LEAP	23-Jun-22	26-Jun-22

EMPLOYEE WELFARE MEASURES

Sr. No.	Title of the Welfare Measure	No. of Beneficiary
1.	Sick Leave	651
2.	Maternity Leave	09
3.	Paternity Leave	38
4.	Bereavement Leave	37
5.	Payment of Gratuity, 1972	63
6.	Happiness Leave	336
7.	Sabbatical Leave/Study Leave	06
8.	Covid Vaccination Drive	1495
9.	Death Benefit Claim	2
10.	Group Term Insurance	944
11.	Group Medical Corporate Insurance	960
12.	Group Personal Accident Insurance	944

INCENTIVES / AWARDS GIVEN TO EMPLOYEES

Name of the Award / Recognition	Number of Employees	Date of Receipt of Award
Academic Excellence	13	27-Apr-22
Best Debut	2	27-Apr-22
Operational Excellence	3	27-Apr-22
Research Excellence	8	27-Apr-22



Manthan 2022 - Excellence Awards



Faculty & Staff Orientation



Helmet Man of India - Mr. Raghvendra Kumar



8th Shaheed Memorial Cricket Tournament



Women's Cricket Tournament



Sanjeevani

practo

Congratulations!
A Comprehensive Health Plan for you and your loved ones!

Your well being is important to us. Practo Corporate Health Plan is a representation of that commitment and is exclusively crafted for you and your families.

Read more to understand your healthcare plan and its many benefits.

- FREE ONLINE CONSULTATION WITH DOCTORS 8 / MONTH**
 - All 23 Specialties covered
 - Connect with a doctor in <180 secs
 - Connect via audio/video/chat
 - 24/7 availability
- ONLINE MEDICINE DELIVERY - FLAT 20% DISCOUNT**
Online medicine orders (prescription medicines) & lab tests. Medicine delivery available across 110+ cities.
- COMPLETE FAMILY COVERAGE**
Add up to 4 adults & 2 kids
- FREE Q&A SESSIONS, HEALTH FEEDS**
 - Q&A with specialist doctors
 - AI-enabled for personalized feeds based on your interest area
- Corporate Concierge Service**
✓ For support and escalations, reach out to corporateconcierge@practo.com, or call us at 080-4568 3291
- ACCESS TO 1L+ DOCTOR NETWORK**
Pan India for offline appointment booking
- Steps to activate Practo Plus membership**
 - Step 1:** Employees can activate the plan via activation link mentioned in the mail.
 - Step 2:** After activation, the Practo Plus membership will be enabled on the registered mobile number.
 - Step 3:** Once the Practo account is activated, the employee will receive an SMS on the registered mobile number stating that the membership has been activated, and asked to download Practo app from Playstore or App Store.
 - Step 4:** To get started, employees simply need to click on the 'Plus Membership' tile on Practo's Homepage and the benefits.

Sanjeevani Initiative



Road Safety Campaign at UPES



Swavlambhan

ACADEMIC REPORT

ACADEMIC INNOVATION & PEDAGOGY

- Minors and Diploma programs for fast learners
- Industry-based curriculum
- Virtual Labs/ Classrooms
- Overall development providing multi-dimensional exposure through School of Life courses
- Exams in proctored mode
- Asynchronous sessions
- State-of-art facilities in labs including 3D printing, design equipment, etc.
- Research support and exposure to students
- EDGE support for placement activities
- Continuous evaluation in lab courses
- Boundless courses through Coursera
- Learning entrepreneurship as a part of the curriculum
- Developing social values in students through social internship and NSS
- Successfully implemented HBO teaching pedagogy across the university using Black Board Platform.
- Seamless practical exposure to the students in Virtual Labs during the ongoing pandemic.
- Implemented Nayi Disha Program for slow learners and Project based learning for fast learners.
- Utilizing the Digital Assessment Platforms to enhance the student outcomes.
- Master classes from Industry experts.

ACADEMIC DELIVERY DATA – CLASSES SCHEDULED & HELD AS PER TIMETABLE

Name of School	Number of total sessions allotted in a year	Total number of sessions taken in a year**	% of Lectures completed
School of Business	28972	26944	93
School of Computer Science	49434	45479	92
School of Engineering	39753	35380	89
School of Health Sciences & Technology	10115	9104	90
School of Law	27259	24806	91
School of Modern Media	3175	2889	91
School of Design	5076	4670	92

*Rest of the session are taken as Extra classes **including classes conducted through Face to face and Online mode

LABORATORIES DETAILS

Sr.	Department wise Lab Cluster	Laboratory Name
School of Engineering		
1.	Aerospace	Aerodynamics
2.		Avionics Lab
3.		Aerospace Propulsion
4.		Aircraft Structures Lab
5.		Aero Modeling & Fabrication
6.		Flight Simulation Lab
7.		CFD
8.	Mechanical	Automotive Chassis Lab
9.		Automotive Electrical & Electronics
10.		Engine Trouble Shooting Lab
11.		Engine Testing & Emission Measurement
12.		Workshop (Carpentering Shop, Fitting Shop, Machining Shop, Welding Shop)
13.		Advanced Manufacturing Lab
14.		Manufacturing Lab
15.		Fluid Mechanics
16.		Advanced Fluid Mechanics Lab
17.		Material Testing Lab
18.		CAD Lab
19.		CAD Lab II
20.		Design and Analysis Lab
21.		Advanced Material Science Lab
22.		Composite Lab
23.		Corrosion Lab
24.		Theory Of Machine Lab
25.		Metrology
26.		Quality Lab
27.		Ergonomics Lab
28.		Thermal Lab
29.		Refrigeration and Air Conditioning Lab
30.		BOSCH LAB - PLC & Automation Lab (D-Space), CAM Lab (Mechatronics Lab), Hydraulic & Numatics
31.		
32.		

Sr.	Department wise Lab Cluster	Laboratory Name
33.	Civil Engineering	Concrete Testing Lab
34.		Transportation Engineering Lab
35.		Soil Mechanics
36.		Surveying
37.		Structure Lab
38.	HSE Engineering	Health, Safety & Environment
39.		Fire Fighting /Fire Ground
40.		Fire Safety
41.		Industrial Hygiene Lab
42.	Chemical Engineering	Mass Transfer
43.		Chemical Reaction Engineering
44.		Petroleum Product Testing
45.		Heat Transfer
46.		Instrumentation and Control
47.		Particulate Technology Lab
48.		Chemical Research lab
49.		PCBL
50.	Electronics	Basic Electronics Lab
51.		Electronics Devices and Circuit-I
52.		Electronics Devices and Circuit-II
53.		Linear Integrated Lab
54.		Analog and Digital Electronics Lab
55.		Microprocessor Lab
56.		Microprocessor & Microcontrollers Lab
57.		Advanced Microprocessor & Embedded System Lab
58.		Analog & Digital Communication
59.		VLSI Design Lab
60.		DSP Lab
61.		Electronics Workshop
62.		Instrumentation & Measurement Lab
63.		Transducer & Application Lab
64.		Microwave & Antenna Lab
65.		Control & Simulation Lab
66.		Image Processing & Machine Vision Lab
67.		Robotics Lab
68.		PLC & Automation Lab

Sr.	Department wise Lab Cluster	Laboratory Name
69.	Electrical Engineering	Basic Electrical Lab
70.		Network/Circuit Theory
71.		Control Engineering Lab
72.		Electrical and Electronics Measurement Lab
73.		Power Electronics & Electric drives Lab
74.		Electrical Machines Lab
75.		Power System Protection & Switch Gear Lab
76.		Energy Lab
77.	Basic Sciences	Physics Lab- I
78.		Physics Lab - II
79.		Physics Lab - III
80.		Physics lab -IV
81.		Chemistry - I
82.		Chemistry -II
83.		Chemistry -III
84.	Earth Sciences Engineering	Drilling Fluid & Cementation Lab
85.		Geology Lab
86.		Production and Reservoir Engineering
87.		Geo physics lab
88.		High Computational Lab
89.		Litho and biostratigraphy Lab
90.		Rock Mechanics Lab
91.		Mine Ventilation Lab
92.		Mineral Processing Lab
93.	Professional Communication	Studio - I
94.		Studio - II
95.	Centralized Facility	Computer Center
School of Health Sciences & Technology		
96.	Health Sciences	Pharmacology Lab
97.		Pharmaceutics Lab
98.		Pharmaceutical Chemistry Lab
99.		Pharmacognosy Lab
100.		Machine Room

BLACKBOARD

A state-of-the-art mobile enabled digital learning & collaborative platform ('Blackboard Ultra') has been implemented. Blackboard Ultra as Learning Management System tool is used in some courses for Hybrid – Blended teaching and learning. The features are mentioned below:

- Blackboard Collaborate Ultra is majorly used for synchronous sessions. Lectures are being recorded for students to review and listen to lectures offline. In some courses content is being used for asynchronous sessions. Reporting features are also available only for individual courses
- Management – Course Reports, Performance Dashboard, Retention Center
- Information – Email, Calendar, Announcements, Tasks, My Grades, User Directory
- Content – Course Structure, Lesson Content, Weblinks, Links to media, Multimedia content is developed by UPES faculty members on LMS - Blackboard Ultra
- Collaboration – Discussion Boards, Blogs, Wikis, Journals
- Assessment is used for conducting Class Tests, Online Tests, Assignments, Rubrics, Grade Center Supplementary Examinations, Mid-Term Examinations and End Semester Examinations for non-graduating batches
- Kaltura – Video Recordings

Blackboard Ultra was relied upon heavily to conduct online classes in response to the pandemic and continues to be a mission critical technical platform for UPES.

UPES is seen as a leader and exemplar in the Blackboard Ultra community in India, which contributes to the brand and reputation of the university. UPES has been recognized with 3 Catalyst Awards in the year 2022.

- One for optimizing student experiences, this award honors institutions whose educational and administrative innovations have markedly improved the total learner experience.
- One for teaching and learning, this award recognizes those who have adopted flexible distance and online delivery, including using mobile technologies to positively impact the educational experience.

FACULTY FEEDBACK

In order to ensure that students have an enriching learning experience, UPES has implemented a certain quality assurance systems and procedures. In particular, to ensure the quality of teaching, learning and assessment, including other support facilities (Campus, Infrastructure, IT services etc.). The University collects feedback from various stakeholders (Alumni, Faculty, Students and Employers) for the purpose of continuous quality improvement in the courses taught & other facilities.

The feedback helps us to consider concerns and difficulties of students, if any, and plans improvements that may be necessary to enrich the teaching learning experience. Students' feedback helps UPES work towards higher excellence of self-correcting and self-perfecting.

The University Academic Monitoring System operates through a unified portal to enable online and accurate feedback to different levels of hierarchy for timetable implementation and the student's attendance.

To ensure the quality of teaching, learning and assessment, UPES collects feedback once in a semester from

students for the purpose of continuous quality improvement in the courses taught. The Teaching and Learning feedback questionnaire has three sections, namely, Teaching & Learning, Course Structure and Design and Overall Quality of Course. Feedback questionnaire is made available on the student portal just after the mid semester examinations and remain there for a duration of three weeks. The Academic Planning and Monitoring Team consolidates parameter wise data and analyzed data output is shared with HR Department, Academic Strategy Team and Schools and Departments for their further action.

IQAC (INTERNAL QUALITY ASSURANCE CELL) INITIATIVES

Meeting Held On	Major Initiative Taken in AY 2021-22
20th September 2021	UPES IQAC Restructure initiated with revised IQAC Vision, Objectives, Function & Responsibilities.
	Importance of Data Collection and Analyzing discussed in the Sept meeting and necessary action for UPES digital transformation was emphasized with UPES IT team.
	UPES IQAC Staff Team plan presented to the committee and approved.
	Vice Chancellor emphasized the need for UPES Examination Reforms and formed committee to be chaired by Controller of Examination, he requested the committee members to discuss and present the required changes.
20th December 2021	IQAC Academic Administrative Audit plan presented, committee approved the over all plan and requested to present detail schedule.
	Draft IQAC Audit Manual & Auditors Manual introduced.
	Controller of Examination Presented the summary of Examination Reforms Committee Meeting Conducted on 29th Sept 2021.
28th March 2022	Detailed IQAC Academic Administrative Audit plan and schedule with specific dates from April –June 2022 presented and approved.
	Final IQAC Audit Manual & Auditors Manual introduced and shared with all schools
	Preparation for NAAC AQAR Submission and NBA Two programmes renewal is in process.
	Controller of Examination Presented the summary of Examination Reforms Committee Meeting Conducted on 29th Sept 2021.

ACHIEVEMENTS AND ACTIVITIES: SCHOOL, FACULTY AND STUDENTS

SCHOOL ACHIEVEMENTS AND ACTIVITIES

Name of School	Name of the Award	Name of the Awarding Agency	Type of Awarding Agency	National / International	Date of receipt of Award
SOB	NIRF Management Rank 46	NIRF	Government	National	9-Sep-21
SOL	NIRF Rank 25 (Category - Law)	NIRF	Government	National	9-Sep-21
SOL	Joining Department of Justice, Pro Bono Club	Department of Justice, Nyaya Bandhu	Government	National	24-May-22
SOE	IKS Research Grant	AICTE, Ministry of Education	Government	National	16-Mar-22
SOD	CII Award of Young Designer, Best Prize	CII	Non Governmental	National	17-Feb-22
SOD	2nd prize, Young Designer	CII	Non Governmental	National	17-Feb-22

FACULTY ACHIEVEMENTS AND ACTIVITIES

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOCS	Pankaj Badoni	Toyhackathon Winner	UGC, AICTE	National	10-Jul-21
SOCS	Gunjan Chhabra	National Distinguished Young Researcher Award 2021	I2OR India	National	18-Jul-21
SOCS	Neelu Jyoti Ahuja	Igen Women Achiever Award 2021	Institute of Green Engineers	International	3-Aug-21
SOCS	Alok Aggarwal	PhD Open Defense Conduction For The Thesis Of CSE Deptt. At Shri Venkateshwara University, Gajraula	Shri Venkateshwara University, Gajraula	National	26-Aug-21
SOCS	Christalin Nelson. S	Best Paper At International Conference On 'Emerging Trends In Digital Technologies'	Usha Pravin Gandhi College, Mumbai, Maharastra, India.	International	1-Sep-21
SOCS	Jagdish Chandra Patni	Researcher Excellence Award 2021	Institution of Engineers	National	1-Sep-21
SOCS	Ravi Tomar	Academic Excellence	GUS	Intra University	5-Sep-21
SOCS	Ravi Tomar	Young Scientist Award	UCOST	State	5-Sep-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOCS	Kingshuk Srivastava	Journal of Data Science	INTI International University, Malaysia	National	6-Sep-21
SOCS	Alok Aggarwal	Invited Talk - Emerging Trends In Engineering By Tagore International School Vasant Vihar	Tagore International School Vasant Vihar	National	10-Sep-21
SOCS	Ravi Tomar	Excellence Award Research	UCOST	Intra University	11-Sep-21
SOCS	Deepika Koundal	BRICS Young Scientist	NIAS DST	International	13-Sep-21
SOCS	Deepika Koundal	Selected For 6th BRICS Young Scientist Conclave In 'Cyber Physical Solutions Space' Held From 13th - 16th September, 2021. She is Now Proudly A Part of BRICS Young Scientist Forum.	BRICS	International	16-Sep-21
SOCS	Alok Aggarwal	PhD Thesis Evaluation of Mr. Pawan Kumar Mishra on the topic 'Object Detection, Tracking And Classification For Video'	UTU, Dehradun	National	12-Oct-21
SOCS	Alok Aggarwal	PhD Thesis Evaluation of Bhavnes Kumar on the title "A Design Of An Efficient Cluster Head In Wireless Sensor Networks"	Mewar University, Chittorgarh	National	22-Oct-21
SOCS	Gunjan Chhabra	International Bright Educator Award 2021	Green ThinkerZ Society	National	25-Oct-21
SOCS	Alok Aggarwal	Ph.D Open Defense Conduction for the Thesis of Ms. Shally 'Energy Efficient Scheduling of Resources in Cloud Datacenter'	Banasthali Vidyapith University, Rajasthan	National	28-Oct-21
SOCS	Alok Aggarwal	Conference Chair, International Conference on 'Advancements in Interdisciplinary Research ICAIR-2021'	BRA Agra University, Agra	International	29-Oct-21
SOCS	Alok Aggarwal	Ph.D Thesis Evaluation of Kamlesh Chandravanshi 'Design of New Protocol to Increase Life Time and Minimization Of Routing Overhead in Manet'	Mewar University, Chittorgarh	National	30-Oct-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOCS	Alok Aggarwal	Invited Key Note Delivery Honour In Intl. Conf. ICAIR-2021 on a 'Machine Learning Model For Identification of Covid-19 - Risk for a Diabetic Patient'	BRA Agra University, Agra	National	30-Oct-21
SOCS	Sumit Kumar	Best Paper Award	2nd Doctoral Symposium on 'Computational Intelligence (DoSCI-2021)' - An International Conference	International	3-Nov-21
SOCS	Shahina Anwarul	Best Paper Award	Panipat Institute of Engineering and Technology	International	19-Nov-21
SOCS	Alok Aggarwal	Ph.D Open Defense Conduction of Bhavnesh Kumar on the title 'A Design of an Efficient Cluster Head in Wireless Sensor Networks'	Mewar University, Chittorgarh	National	24-Nov-21
SOCS	Jagdish Chandra Patni	Young Scientist Award	UCOST Dehradun	National	30-Nov-21
SOCS	Deepika Koundal	7 Research Works were published related to Covid-19	WHO	International	1-Dec-21
SOCS	Christalin Nelson. S	Nominated for Teaching Excellence Awards From SOSC (Sammaan)	UPES	National	2-Dec-21
SOCS	Rahul Nijhawan	International Award Winner 2021 on Engineering, Science And Medicine	Vdgood Professional Association	International	11-Dec-21
SOCS	Neeraj Chugh	Primary Evaluator for Toycathan 2021	Ministry of Education and AICTE	National	15-Dec-21
SOCS	Keshav Kaushik	Certificate of Evaluator	Ministry of Education's Innovation Cell and AICTE	National	15-Dec-21
SOCS	Shahina Anwarul	Recognized as a Primary Evaluator in Toycathan 2021	AICTE	National	15-Dec-21
SOCS	Vishal Kaushik	Dr. Sarvapalli Teacher Excellence Award	Shukshak Kalyan Foundation	National	22-Dec-21
SOCS	Sugandha Sharma	Automation and Robotics	Online Certification	International	29-Dec-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOCS	Ravi Tomar	Automation Anywhere Certification	Online Certification	International	10-Jan-22
SOCS	Sugandha Sharma	State Vice President	Uttarakhand Startup Council, WICCI INDIA	State	18-Feb-22
SOCS	Teekam Singh	Research Paper With IF 3.860	Journal: Computers, Materials & Continua	International	24-Feb-22
SOCS	Teekam Singh	Research Paper With IF 2.299	Journal: Traitement du Signal	International	25-Feb-22
SOCS	Shahina Anwarul	Net Qualified	UGC-NET	National	1-Mar-22
SOCS	Sujoy Chatterjee	Research Paper With IF: 2.7	Entropy	National	5-Mar-22
SOCS	Neelu Jyothi Ahuja	Leading Women Researcher Award-2022	Uttarakhand State Science & Technology Council for Science & Technology (UCOST)	National	8-Mar-22
SOCS	Teekam Singh	Research Paper with IF 2.577	Journal: Multimedia Tools and Applications	International	26-Apr-22
SOCS	Ravi Tomar	Academic Excellence	GUS	International	4-May-22
SOCS	Ravi Tomar	UiPath Certified Associate	Online Certification	National	11-May-22
SOCS	Teekam Singh	Research Paper with IF 6.558	Journal: Human-centric computing and Information Sciences	International	15-May-22
SOCS	Teekam Singh	Research Paper with IF 2.450	Journal: International Journal of Bifurcation and Chaos	International	20-May-22
SOCS	Teekam Singh	Research Paper with IF 1.909	Journal: Journal of Biological Systems	International	25-May-22
SOCS	Bhavana Kaushik	Selected As Council Member For WICCI IPR - Uttarakhand	WICCI	International	1-Jun-22
SOCS	Deepa Joshi	Received Best Paper Award	ICCISC	International	10-Jun-22
SOMM	Nalin Mehta	The New BJP	Westland Publications Limited	National	1-Jan-22
SOHST	Neeraj Mahindroo	Artificial Intelligence in Drug Development: Recent Trends and Future Prospective	Certificate of Appreciation AICTE Training and Learning (ATAL) Academy	National	7-Jul-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOHST	Jyoti Upadhyay	Researcher	Star Researcher	Intra University	15-Jul-21
SOE	Y.C.Gupta	CII National Energy Efficiency Circle Competition 2021	National competition	National	18-Jun-21
SOE	Manjeet Singh Goyat	Guest Editor of Frontiers in Materials Journal (Impact Factor = 3.985).	Guest Editor of Special Issue: Next Generation Natural and Synthetic Filler-based Polymer Nanocomposites	International	1-Jul-21
SOE	Harshit Shukla	Aerothon SAE India (Aircraft Design Competition)	Team Aztech stood in top 5. Received an amount of 10,000/- as a prize money.	National	16-Jul-21
SOE	Y.C.Gupta	GIZ funded Multi-Sectoral Energy Action Plan of Uttarakhand State	Consultancy Project	National	31-Jul-21
SOE	K. Mohan Reddy	Best Teaching & Learning Online Blackboard	Blackboard	International	1-Aug-21
SOE	Ankush Vij	International Collaborative Project Visiting Scientist	KIST Seoul, South Korea	International	21-Aug-21
SOE	Akarsh Verma	World's top 2% Scientists Award	Stanford University, USA	International	1-Sep-21
SOE	Shailey Singhal	Teacher of the Year 2021	Divya Himgiri in collaboration with UCOST, Uttarakhand	National	5-Sep-21
SOE	Devender Saini	IEEE International Conference on Emerging Technologies: AI, IoT, and CPS for Science & Technology Applications, NITTTR Chandigarh	Best Paper Award	International	6-Sep-21
SOE	Amit Thakur & Pranav Chaudhari	PEES	A Reusable article for absorbing oil from oil spills	International	13-Sep-21
SOE	Seim Timung	PEES	Best Paper Award	National	18-Sep-21
SOE	Y.C. Gupta	Commemorating 20 years of Energy Conservation Act	National Panel Discussion	National	29-Sep-21
SOE	Ranjeet Kumar Brajpuriya	Young Scientist Award	Dr. Bhimrao Ambedkar University, Agra	National	1-Oct-21
SOE	Y.C. Gupta	National Seminar on New Normal to a New Future. Covid-19 Implication for Business	National Seminar	National	8-Oct-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOE	Ranjeet Kumar Brajpuriya	Best Teacher Award	Dr. Bhimrao Ambedkar University, Agra	National	20-Oct-21
SOE	Adesk Kumar	2nd International Science Exhibition Congress Symposium	SECS-2021	International	23-Oct-21 to 24-Oct-21
SOE	Y. C. Gupta	CII National Electrical Safety, Power Quality & Reliability Circle Competition 2021	National Competition	National	30-Oct-21
SOE	Y. C. Gupta	3rd Party Verification For HVAC Upgradation Of Chhibro Power Plant Of UJVNL	Consultancy Project	National	30-Oct-21
SOE	Vamsi Kudapa	PEES	Best Paper Award	International	3-Nov-21
SOE	Y. C. Gupta	Hybrid Solar Tree	Patent Granted	National	5-Nov-21
SOE	Y.C. Gupta, Surajit Mondal, Monika Yadav	Patent	Patent Granted	National	5-Nov-21
SOE	Y.C. Gupta, Surajit Mondal, Monika Yadav	Patent	Patent Granted	National	5-Nov-21
SOE	Y.C.Gupta	Stand Alone Hybrid Charging Station	Patent Granted	National	19-Nov-21
SOE	Santosh Dubey	Reviwer Of IEEE Transactions On Instrumentation And Measurement	Appreciation From The Journal	International (IEEE)	Since 10-Nov-20
SOE	Monika Yadav	IEEE	IEEE Senior Member	International	30-Nov-21
SOE	Prateek Bhojane	Session Chair	IAAM Young Researcher Session on Interdisciplinary Science at Energy Materials, held in Stockholm, Sweden	International	8-Dec-21
SOE	Vinay Chowdary	Smart Sensors and Their Interfacing and Sensor Fusion	AICTE & ISTE Sponsored One Week Induction/Refresher Program	National	13-Dec-21 to 18-Dec-21
SOE	Prateek Bhojane	Editorial Board Member	Editorial Board Member of Journal of Energy, Environmental and Chemical Engineering	International	16-Dec-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOE	Amit K Chawla	Research Week December 2021	Research Week December 2021, Gujarat Technological University	National	30-Dec-21
SOE	K M Reddy	Reviewer: Iranian Journal of Chemistry and Chemical Engineering	For Reviewing a Research Article For IJCCE	International	2-Jan-22
SOE	Somenath Ganguly	PEES	Indian Design Patent Granted (Design No: 359641-001)	National	3-Jan-22
SOE	Akarsh Verma	Top Cited Paper Award	Institute of Physics (IOP) Publishing, UK	International	7-Jan-22
SOE	K M Reddy	Editorial Board Member	Editorial Board Member of Journal on Material Science	National	10-Jan-22
SOE	K M Reddy	Editorial Board Member	Editorial Board Member of Journal on Circuits and Systems	National	10-Jan-22
SOE	K M Reddy	Reviewer of Journal of Materials Chemistry And Physics, Elsevier	For Reviewing a Research Article for Journal of Materials Chemistry And Physics, Elsevier	National	20-Jan-22
SOE	Adesh Kumar	7th International Conference on Nanoelectronics Circuits And Communication Systems	NCCS-2021	International	29-Jan-22 to 30-Jan-22
SOE	Sudhir Kr. Chaturvedi	Board of Studies Member	SSUTMS, Bhopal	National	1-Feb-22
SOE	Ashish Mishra	Advances in Materials	Editorial Board Member	International	4-Feb-22
SOE	K S R Murthy	Editorial Board Member	Journal of Material Science	National	15-Feb-22
SOE	Vibhu Jatuly & NB Soni	Energy Storage and Grid Integration	TATA Power	National	26-Feb-22 & 5-Mar-22
SOE	Akarsh Verma	Invited as Honorable Guest Speaker at Research Scholars Day	IIT Roorkee, India	National	12-Mar-22
SOE	Prateek Bhojane	Editorial Board Member	Editorial Board Member of Journal of Modern Green Energy	International	17-Mar-22

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOE	M Vijai Kishore	Forest Survey Exercise for IFS Probationers of 2020-22 course	Certificate of Appreciation	National	25-Mar-22
SOE	Akarsh Verma	JSPS Fellowship	JSPS Fellow, Osaka University, Japan	International	31-Mar-22
SOE	Amit K Chawla	Endowed Chair	Endowed Chair, CHARUSAT- Changa, Gujarat	National	23-Apr-22
SOE	Vibhu Jatly	IEEE Senior Member	IEEE Recognition	International	29-Apr-22
SOE	Sudhir Kumar Chaturvedi	Invited as Honorable Guest Speaker at Defence Technology Conclave-DRDO	IIT Bombay, India	National	1-May-22
SOE	Akarsh Verma	Invited as a Resource Person	United-States India Educational Foundation (USIEF)	International	5-May-22
SOE	Nitesh	Automated Real-Time Road Quality, Pothole, Landslide and Frost Detection in Hilly Terrain	SEED Project	National	12-May-22
SOE	Vibhu Jatly, Vinay Chowdary, Abhinav Sharma	Flexible Power Point Tracking and Current Limitation in Photovoltaic Inverters during Low-Voltage-Ride-through Under Unbalanced Grid Voltage Sags	SEED Project	National	12-May-22
SOE	Adesh Kumar	International Conference on 'Innovative Development in Virtual and Rapid Prototyping-2022'	IDVRP-2022	International	14-May-22 to 15-May-22
SOE	Prateek Bhojane	Reviewer: Nature Communication	For Reviewing a Research Article for Nature Communication	International	20-May-22
SOE	Om Prakash	Area Advisory Board Member	Amity University, Noida	National	10-Jun-22
SOE	Om Prakash	Board of Studies Member	Uttaranchal University	National	13-Jun-22
SOE	Adesh Kumar	IEEE UP Section Technical Hands on Workshop on 'FPGA Based Digital System Design Using VHDL'	IEEE UP Section - Resource Speaker	National	28-Jun-22 to 29-Jun-22
SOE	Nitesh Singh Malan	AIKP'22	Conference Participation Certificate	International	22-Jul-22

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOLS	Gaurav Misra	TLC Asia Pacific Blackboard Awards 2021	Blackboard	International	19-Aug-21
SOLS	Bharti Singh	Walk Into The Woods - Adventure	-	Inter University	12-Mar-22
SOLS	Bharti Singh	Capture The Nature - Film & Photography	-	Inter University	12-Mar-22
SOLS	Mriduchhanda Chattopadhyay	Academic Publication	AY 2021 Dean's Academic Award for Academic Publication	International	15-Mar-22
SOLS	Mriduchhanda Chattopadhyay	Academic Publication	AY 2021 Ono Azusa Memorial Award for Academic Publication	International	20-Mar-22
SOLS	Bharti Singh	Inquilab - Prop Shop	-	Inter University	23-Mar-22
SOLS	Bharti Singh	Inquilab - Theatre	-	Inter University	23-Mar-22
SOLS	Bharti Singh	Inquilab - Music	-	Inter University	23-Mar-22
SOLS	Bharti Singh	Inquilab - Dance	-	Inter University	23-Mar-22
SOLS	Bharti Singh	Inquilab - Film & Photography Club	-	Inter University	23-Mar-22
SOLS	Bharti Singh	Road Safety - Nukkad Natak	-	Inter University	30-Mar-22
SOLS	Bharti Singh	Pratiphalam - Dance	-	Inter University	6-Apr-22
SOLS	Bharti Singh	Pratiphalam - Music	-	Inter University	6-Apr-22
SOLS	Bharti Singh	Pratiphalam - Award Ceremony	-	Inter University	6-Apr-22
SOLS	Gaurav Misra & Ritam Dutta	Project Swawlamban	US Embassy Grant	International	29-Apr-22
SOLS	Gaurav Missra	Fulbright in the classroom	Fulbright Association Grant	International	1-Jul-22
SOLS	Gaurav Misra, Pooja Khanna, Rekha Verma, Bitopi Dutta, Sakshi Chanana, Ritam Dutta, and Annapurna Parige Leela Lakshmi	Living Conversations	Blackboard Catalyst Team Award, 2022	International	11-Jul-22
SOLS	Ritam Dutta & Pooja Khanna	Project Grow	Blackboard Catalyst Award, 2022	International	11-Jul-22
SOB	Githa S Heggde	Workshop on Business Model Canvas	Guest Speaker	National	11-Jul-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOB	Githa S Heggde	Gross Environment Product (GEP)	Keynote Speaker	National	27-Jul-21
SOB	Githa S Heggde	Technology Transfer And Commercialization Ecosystem In India	Panel Member	National	13-Aug-21
SOB	Akhil Damodaran	Celerity 40-Under-40 Supply Supply-Chain Achiever 2021	40 Under 40 Supplychain Achiever	National	10-Sep-21
SOB	Githa S Heggde	Azadi Ka Amrit Mahotsav	Guest Speaker	State	21-Sep-21
SOB	Rajesh Tripathi, Hiranmoy Roy	Atmanirbhar Bharat and an Opportunity for Youth	Expert For Panel Discussion	National	29-Oct-21
SOB	Karunakar Jha	World Marketing Congress	Most Admired Professor in Marketing	National	23-Nov-21
SOB	Akhil Damodaran	Supply Chain Tribe by Celerity	Cover Story in Celerity Magazine	National	11-Dec-21
SOB	Githa S Heggde, Sumeet Gupta	DGS Smart Energy & Sustainability Management (SESM) Model for Airports	Patent	National	19-Dec-21
SOB	Githa S Heggde	EUMMAS Women's Forum Member	Member	International	30-Dec-21
SOL	Anil Kumar Vishwakarma	UPES, Dehradun	Certificate of Merit	National	26-Jan-21
SOL	Vishal Sharma	Government of Uttarakhand	Recognition received from Hon'ble Governor of Uttarakhand as an Eminent Academician and Appointed as a Member, Board of Governors (Visitor's Nominee) in Himgiri Zee University, Dehradun	National	4-Feb-21
SOL	Abhishek Sinha	Times Group (ToI)	Times 40 Under 40	National	10-Aug-21
SOL	Priyanka Choudhary	All India Council for Technical Education	SWAYAM Arpit Online Course Certification	National	27-Oct-21
SOL	Anil Kumar Vishwakarma	HPNLU Shimla	Letter of Appreciation	National	29-Oct-21
SOL	Abhishek Sinha	Golden Gloriy Award 2021	Most Profound Legal Educator of the Year	National	23-Dec-21

School	Name of the Faculty	Program Title	Award / Recognition received for the activity participated in	State/ National/ International/ Intra/ Inter University	Date
SOL	Abhishek Sinha	Shiksha Bharati Award	Outstanding Professional Achievement in Contribution to Nation Building	National	27-Jan-22
SOL	Nanda Pardhey	PHILIP C. Jessup International Law Moot Court Competition, 2022	Judge at The Moot Court Competition of Amity Law School, Noida.	International Moot Competition	24-Feb-22 to 27-Feb-22
SOL	Charu Srivastava	IWTA	Indian Women Talent	National	24-Mar-22
SOL	Nanda Pardhey	World Children Conference - III	Recognized for Being Moderator of a Session.	International Conference	22-Apr-22 to 24-Apr-22
SOL	Udit Raj Sharma	Int. Conference on Sustainability and Subsistence; Human Rights and Environmental Issues	Best Researcher	National	1-Jun-22

STUDENT ACHIEVEMENTS AND ACTIVITIES

Name of School	Type of the Activity	Organizing Body	Name of the Student / Team	State/ National/ International/ Intra/ Inter University	Date
SOCS	Award for Travel Grant	IEEE Indicon 2021	Received by 27 Students	National	15-Dec-21
SOCS	Made her way to Masters Program at York University, Toronto, Canada	York University	Anushree Garg	International	1-Jan-22
SOCS	Conference	ICONIT-2022	M. Sweety Reddy	International	2-Feb-22
SOCS	Published A Book- "Confidence, Speech And Writing With Ankit Vats".	Self Published	Ankit Vats	National	25-Mar-22
SOCS	Project Presentation	Innoskill, Manav Rachna International	Rohan Nyati	National	11-Apr-22
SOCS	Conference	IBSSC-2021	M. Sweety Reddy	National	11-Apr-22
SOCS	Project Presentation	IBM ICE Day - Winner	Apoorv Srivastava	Intra University	14-May-22
SOCS	Project Presentation	IBM ICE Day - Winner	M.Sweety Reddy	Intra University	14-May-22

Name of School	Type of the Activity	Organizing Body	Name of the Student / Team	State/ National/ International/ Intra/ Inter University	Date
SOCS	Conference (Paper 1)	ADSC2022- Conference	Ratna Rajpal	International	23-Jun-22
SOCS	Conference (Paper 2)	ADSC2022- Conference	Ratna Rajpal	International	23-Jun-22
SOCS	Conference	ADSC2022- Conference	Sulagna Sarkar	International	23-Jun-22
SOCS	Conference	ADSC2022- Conference	Alka Kaushik	International	23-Jun-22
SOCS	Conference	ICSR 2022-Conference	Ratna Rajpal	International	19-Jun-22
SOCS	Conference	ICSR 2022-Conference	Shivangi Sharma	International	19-Jun-22
SOCS	Conference	ICSR 2022-Conference	Anusha Goel	International	19-Jun-22
SOCS	Copyright Filed	Indian Patent Office	Rohan Nyati	National	26-Jul-21
SOCS	Copyright Filed	Indian Patent Office	Rajat Matella	National	26-Jul-21
SOCS	Copyright Filed	Indian Patent Office	Somil Garg	National	26-Jul-21
SOCS	Copyright Filed	Indian Patent Office	Prakash Singh	National	26-Jul-21
SOCS	Students Club	School of Computer Science	IEEE Computer Society	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	Cyber Sentinel	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	UPES ACM Student Chapter	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	UPES ACM W Student Chapter	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	UPES-CSA Student Chapter	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	Google DSC	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	Smart Analyzers	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	Microsoft Technical Community	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	United Club of Developers	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	UPES-CSI	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	Academic and Co-Curricular Excellence (ACE)	Intra University	Ongoing
SOCS	Students Club	School of Computer Science	Open Community	Intra University	Ongoing
SOCS	Book Chapter	Taylor & Fransis Group CRC	Kabir	Intra University	Ongoing

Name of School	Type of the Activity	Organizing Body	Name of the Student / Team	State/ National/ International/ Intra/ Inter University	Date
SOCS	Book Chapter	Taylor & Francis Group CRC	Ananya	Intra University	Ongoing
SOHST	International Conference (Space Habitat Event-2021) (Participation)	The Mars Society	Divya Singh	International	6-Aug-21
SOHST	International Conference (Sustainable Approaches in Food Engineering and Technology) (Second Position)	Tezpur University, Assam, India	Anamika Chambiyal	International	6-Aug-21
SOHST	International Conference (Sustainable Approaches in Food Engineering and Technology) (Second Position)	Tezpur University, Assam, India	Samiksha Puri	International	25-Jun-22
SOHST	International Conference (Sustainable Approaches in Food Engineering and Technology) (Second Position)	Tezpur University, Assam, India	Ananya Bishnoi	International	25-Jun-22
SOE	JAM	Indian Institute of Science, Bangalore	TK Priyanka	National	27-Mar-21
SOE	Placed for Higher Education	KU Leuven, Belgium.	TK Priyanka	International	18-May-21
SOE	UAS Challenge 2022	IMechE, London U.K.	Team WRise	International	14-Jul-21
SOE	AEROTHON SAE INDIA (Aircraft Design Competition)	SAE INDIA	Team Aztech	National	16-Jul-21
SOE	Workshop on 'Electric and Hybrid Vehicle'	UPES - IE(I)	UPES - IE(I) Students	National	17-Jul-21
SOE	The Dundies	UPES-IE(I)	UPES-IE(I) Students	National	17-Jul-21
SOE	Paper Publication	Intelligent Communication, Control and Devices	Monika Yadav, Prayanshu Verma, Devender Kumar Saini	Fault Detection in Overhead Lines using Iot-Enabled Fault Passage Indicator	24-Jul-21

Name of School	Type of the Activity	Organizing Body	Name of the Student / Team	State/ National/ International/ Intra/ Inter University	Date
SOE	Paper Publication	Proc. IEEE Conference on Mascon at Chennai	Rupendra Kumar Pachauri, M. K. Pardhe, S. A. Kazmi, A. K. Gupta	National	27-Aug to 28-Aug-21
SOE	Ph.D Program	Wyoming University	Dev Joshi	College of Engineering & Applied Sciences, University of Wyoming	19-Oct-21
SOE	The Relatable Engineering	UPES-IE(I)	UPES-IE(I) Students	National	7-Nov-21
SOE	The Time Management Technique	UPES-IE(I)	UPES-IE(I) Students	National	7-Nov-21
SOE	Patent Published	Patent Published	Prasanthi Kumari, P.Suresh Kumar, A Surya Bharath, Rohit Tiwari. Et al., A Surya Bharath, Rohit Tiwari are M.Tech Students.	National National	1-Dec-21
SOE	Best Endurance IKR 2021 (Season 6.0)	Imperial Society of Innovative Engineers	Team Dirt Marshalls	National	15-Jan-22
SOE	Best Cross Pad IKR 2021 (Season 6.0)	Imperial Society of Innovative Engineers	Team Dirt Marshalls	National	15-Jan-22
SOE	Future Award IKR 2021 (Season 6.0)	Imperial Society of Innovative Engineers	Team Dirt Marshalls	National	15-Jan-22
SOE	CAMPION IKR 2021 (Season 6.0)	Imperial Society of Innovative Engineers	Team Dirt Marshalls	National	15-Jan-22
SOE	JAM	IIT, Roorkee	Aman	National	17-Mar-22
SOE	JAM	IIT, Roorkee	Meghna	National	17-Mar-22
SOE	JAM	IIT, Roorkee	Akshay Chauhan	National	17-Mar-22
SOE	IICHe UPES Fest 22	IICHe UPES Student Chapter	-	National	13-Apr to 15-Apr-22

Name of School	Type of the Activity	Organizing Body	Name of the Student / Team	State/ National/ International/ Intra/ Inter University	Date
SOE	Paper Publication	3rd International Conference of Emerging Technology (INCET 2022) Presented paper entitled 'Reconfigurable Approach using SM for Power Loss Reduction under Detrimental Shadowing Conditions'	Stephen Oko Gyan Torto	Inter University	27-May to 29-May-22
SOE	Paper Publication	Australian Journal of Mechanical Engineering 'Review of Autonomous Campus and Tour Guiding Robots with Navigation Techniques'	Debajyoti Bose, Karthi Mohan, Meera CS, Monika Yadav, Devender K Saini	International	1-Jun-22
SOE	GATE Cleared	GATE Rank	Ms. Kajal Goswami	National	2-Jun-22
SOE	Marie Curie Fellowship for Ph.D	Marie Skłodowska-Curie Actions, European Union	Mr. J Praveen Kumar	École Polytechnique Fédérale de Lausanne (EPFL), Switzerland	7-Jun-22
SOE	Ph.D Admission	IIT Mandi	Ms. Kajal Goswami	National	7-Jun-22
SOE	M.Sc. Admission	NIT Surathkal, Karnataka	Akshay Chauhan	National	17-Jun-22
SOE	Aerathon 2022	SAE INDIA	Team Drona	National	25-Jun-22
SOLS	Participation in Under 25 Bootcamp	Under 25	Manchiraju Spoorthi	National	26-Feb-22
SOLS	Trek to Misrajpatti	Adventure Club	Adventure Club	Inter University	12-Mar-22
SOLS	Trek to Misrajpatti	Film & Photography Club	Film & Photography Club	Inter University	12-Mar-22
SOLS	Participated in the National Summit	CAPED India	Shashwat Singhal	National	18-Mar-22
SOLS	Prop Making	Art & Design Club	Art & Design Club	Inter University	23-Mar-22
SOLS	Play	Dramatics Club	Dramatics Club	Inter University	23-Mar-22
SOLS	Music Performance	Music Club	Music Club	Inter University	23-Mar-22
SOLS	Dance Performance	Dance Club	Dance Club	Inter University	23-Mar-22
SOLS	Videography & Photography	Film & Photography Club	Film & Photography Club	Inter University	23-Mar-22

Name of School	Type of the Activity	Organizing Body	Name of the Student / Team	State/ National/ International/ Intra/ Inter University	Date
SOLS	Nukkad Natak	Dramatics Club	Dramatics Club	Inter University	30-Mar-22
SOLS	Dance performance	Dance Club	Dance Club	Inter University	6-Apr-22
SOLS	Music Performance	Music Club	Music Club	Inter University	6-Apr-22
SOLS	Pratiphalam - Award Ceremony	For All Clubs	For all Clubs	Inter University	6-Apr-22
SOB	Webinar : Block Chain	School of Business	Student Council	National	10-Jul-21
SOB	Panel Discussion - Contemporary Business Ideas	School of Business	Student Council	National	18-Jul-21
SOB	Webinar: PVH Business Update - An Industrial Exposure'	School of Business	Student Council	National	20-Jul-21
SOB	Webinar: Cargo Operations as a Career Choice	School of Business	Student Council	National	25-Jul-21
SOB	Webinar: Building a Career in Consulting and Strategy	School of Business	Student Council	National	7-Aug-21
SOB	Webinar: E-Talk Series 2.0	School of Business	E - Cell	National	8-Aug-21
SOB	Webinar : Supply Chain - Risks & Resilience	School of Business	Academics & Research Vertical	National	13-Aug-21
SOB	Webinar : Overview of Fund Raising Option	School of Business	Academics & Research Vertical	National	14-Aug-21
SOB	Webinar - Stock Market	School of Business	E - Cell	National	17-Aug-21
SOB	Webinar - Ambitious & Strong Daughters	School of Business	Student Council	National	19-Aug-21
SOB	Webinar: Entrepreneur's Master Class	School of Business	E - Cell	National	28-Aug-21
SOB	Webinar : Chalo Gaon	School of Business	E - Cell	National	4-Sep-21
SOB	All India Talent Hunt	PRII-YCC	Aashi Jain	National	14-Sep-21
SOL	Moot Court Competition	Late Shri Abhay Bhardwaj Memorial Natinal Moot Court Competition	Ananya Tripathi, Anshika Agarwal, Vishal	National	1-May-22
SOL	Selected in MSc (Human Rights)	The London School of Economics and Political Science	Sonam Narayan	International	11-May-22
SOL	Natinal Consultation on Vision India@ 2047 for Juducial System of India	Department of Justice	Nikita and Nishant	National	7-Jun-22



UPES X KPMG



UCOST- felicitates Dr. Kanchan Bahukhandi



Launch of School of Liberal Studies



Hard War - A Hardware Hackathon



Runway Panel Discussion on Start ups



SOHST achieves 100% Placement



UCOST- felicitates Dr. Neelu Jyoti Ahuja

EXAMINATIONS

ACADEMIC CALENDAR

Odd Semester (2021-22) (w.e.f. 01.08.2021)

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
1	Re-registration of Students	28-Jul-21	31-Jul-21	All Schools
2	Registration of Students (1st year)	01-Aug-21	-	All Schools
3	Commencement of Classes, Odd Semester Aug'21 to Dec'21 (2nd Year Onwards)	02-Aug-21	-	All Schools
4	Independence Day	15-Aug-21	-	-
5	Commencement of Pre-Semester Learning	16-Aug-21	-	All Schools
6	Convocation (for graduated batch 2020)	21-Aug-21	-	-
7	Commencement of Classes Odd Semester Aug'21 to Dec' 21 (1st Year)	01-Sep-21	-	All Schools
8	Pre-Mid Semester Feedback on Student Portal (Link Enable)	01-Sep-21	12-Sep-21	All Schools
9	Orientation/Residency for July Intake - Doctoral Program	22-Sep-21	24-Sep-21	R&D
10	Mid Semester Examination (2nd Year Onwards)	27-Sep-21	10-Oct-21	All Schools
11	Mid Semester Examination (1st Year)	18-Oct-21	31-Oct-21	All Schools
12	Diwali Break	01-Nov-21	05-Nov-21	Holiday
13	Feedback on Student Portal - (Link Enabled) / TQ & MQ	06-Nov-21	24-Nov-21	All Schools
14	Last Day of Teaching (ODD Semester) (2nd Year Onwards)	24-Nov-21	-	All Schools
15	Convocation (for 2021 batch)	26-Nov-21	-	-
16	Last Day of Teaching (ODD Semester) (1st Year)	23-Dec-21	-	All Schools
17	Declaration of End Semester Examination Result (2nd Year Onwards)	27-Dec-21	-	SRE
18	End Semester Examination (Theory) - ODD (1st Year)	03-Jan-22	16-Jan-22	All Schools
19	End Semester Examination (Lab) - ODD (1st Year)	17-Jan-22	23-Jan-22	All Schools
20	Declaration of End Semester Examination Result (1st Year)	31-Jan-22	-	All Schools

Even Semester (2021-22) (w.e.f. 03.01.2022)

Sr. No.	Activity/Events	Start Date	End Date	Department/ Owner of the event
1	Re-registration of Students (2nd year Onwards)	30-Dec-21	02-Jan-22	SRE
2	Commencement of Even Semester Jan-Jun'22 (2nd Year Onwards)	03-Jan-22	-	All Schools
3	Republic Day	26-Jan-22	-	Holiday
4	Re-registration of Students (1st Year)	01-Feb-22	-	SRE
5	Commencement of Classes Even Semester Jan'22 to May'22 (1st Year)	02-Feb-22	20-May-22	All Schools
6	Pre-Mid Semester Feedback on Student Portal (Link Enable)	25-Feb-22	03-Mar-22	All Schools
7	Mid Semester Examination (2nd Year Onwards)	28-Feb-22	13-Mar-22	All Schools
8	Feedback on Student Portal - (Link Enable) / TQ & MQ	28-Mar-22	20-Apr-22	All Schools
9	Mid Semester Examination (1st Year)	28-Mar-22	09-Apr-22	All Schools
10	Last Teaching Day (2nd Year Onwards)	20-Apr-22	20-Apr-22	All Schools
11	End Semester Examination (Theory) (2nd Year Onwards)	25-Apr-22	08-May-22	SRE
12	End Semester Examination (Lab) (2nd Year Onwards)	09-May-22	15-May-22	SRE
13	Summer Break for Students / Summer Internship for Pre-final year students (except PG Programs) Phase-wise	15-May-22	31-Jul-22	All Schools
14	Last Teaching Day (1st Year)	20-May-22	20-May-22	All Schools
15	Declaration of End Semester Examination Result (2nd Year Onwards)	20-May-22	20-May-22	SRE
16	End Semester Examination (Theory & Lab) (1st Year)	30-May-22	19-Jun-21	SRE
17	Summer Internship for PG Programs (Phase-wise)	15-Jun-22	15-Aug-22	All Schools
18	Declaration of End Semester Examination Result (1st Year)	27-Jun-22	27-Jun-22	SRE

EXAMINATION SCHEDULE

ACADEMIC YEAR - 2021-2022 (ODD SEMESTER)

- Session began in the month of August 2021 and ended in the month of December 2021 (2nd year onwards Students)
- Session began in the month of September 2021 and ended in the month of December 2021 (1st Semester Students)
- Session began in the month of December 2021 and ended in the month of February 2021 for 1st Semester Students, who have taken admission after 15th Oct. 2021.

The End Semester Examination for December 2021 cycle was conducted in face to face mode with digital support.

Summary of End Semester Examination December 2021

Year and Exam Cycle	No. of Students	Examination Window	Result Declaration
End Semester Examination Dec. 2021	12042	13 Dec 2021 - 10 Jan. 2022	25.1.2022
End Semester Examination Feb./March 2022 (I Semester student admission taken after 15th Oct. 2021) - Slot-2	409	16 Feb 2022 - 4 Mar 2022	19.3.2022

Open Book Examination

Open Books, Open Notes and Open Resources examination was conducted in library for School of Health Science & Technology students.

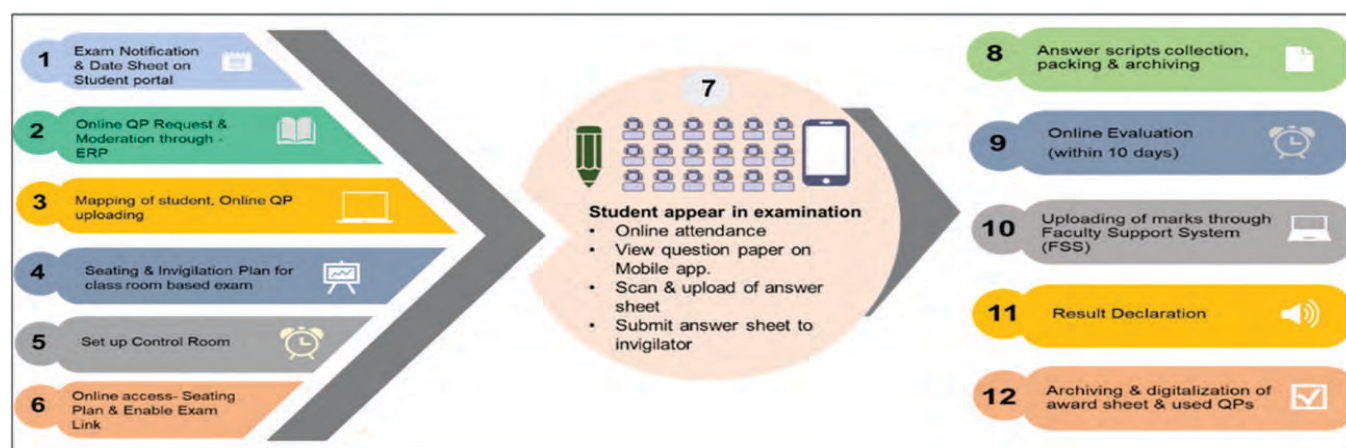
Program	Semester	Course Code	Course Name	Total No. of students appeared	Date & Time
B.Tech (Food Technology)	IV	HSFT2007	Fruit and Vegetable Processing Technology	16	19th May 2:00 PM to 5:00 PM.

INITIATIVES TAKEN FOR AY 2021-22

Digital Examination Approach

End Semester Examination Dec. 2021/Jan. 2022 were conducted in face to face mode with Digital Support.

Workflow of Offline Examination on Digital Platform



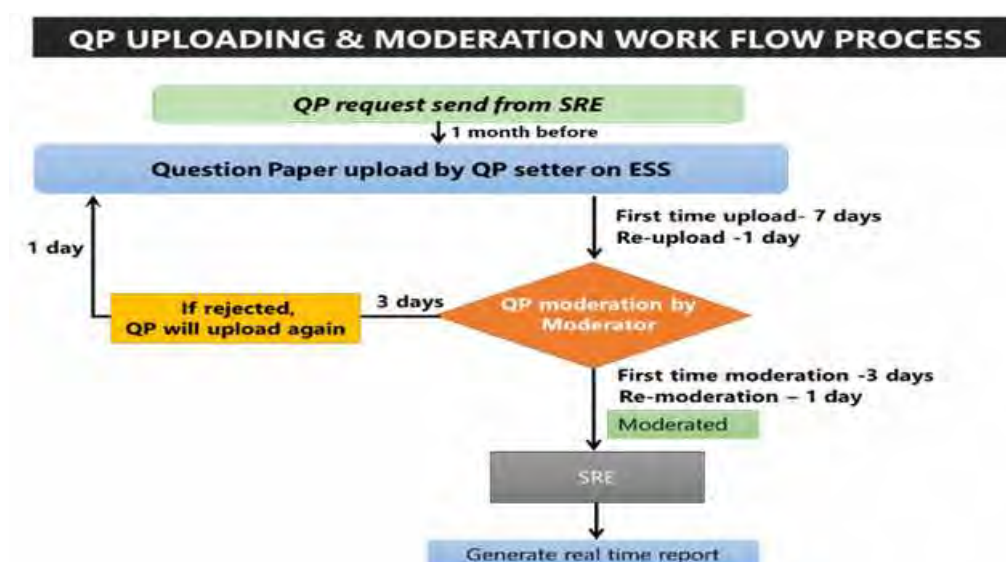
Automation of the processes during Academic Session 2021 – 22

Examination department of University continuously strives to improve all examination related processes for better functioning working towards complete automation of examination system from setting of question papers to the declaration of result.

Question Paper setting and Moderation is a confidential process therefore automation ensures effective time management and restricts stationary usage.

- Examination Department requests two sets of question paper (QP) through ERP
- Question paper setter uploads question papers on ERP
- Question Paper received by Moderation Committee Member on ERP
- If approved, question papers received at examination department for downloading and printing.
- If rejected, as per the recommendations of Moderation Committee, suggested changes will be incorporated or fresh question paper will be uploaded by the paper setter for further moderation.

Flow Chart



Training & Demo Test for students on digital platform

For more clarity and better understanding the ease of use of digital platform, UPES Examination Department arranged the following webinar sessions, demo tests for students and training for faculty.

A training conducted on 18th Dec. 2021 for student - ***“How to take up Offline Examination F2F mode with Digital Support (Through CodeTantra App & Safari Browser)”***

Activity	Date	Time	Link
Ist Semester Student Training	18th Dec. 2021 (Saturday)	4:00 PM- 5:00 PM	https://youtu.be/kdUEWiYCIEg

An Auto Proctored Mock Test was scheduled for all the 1st year students on 19th Dec. 2021

Activity	Test Name	Start Date & Time	End Date & Time
Auto Proctored Mock Test	Mock Test 19 th Dec. 2021 (Sunday)	19 th Dec 2021 3:00 PM	19 th Dec 2021 5:00 PM

Training for Faculty Members

SRE have planned school wise an online training session for faculty members to familiarize with digital platform on the following points-

- Faculty Invigilation - offline face to face mode with digital support
- Online Evaluation (updated process)

School wise Training Session for Faculty Members	Date	Time
SOE	6 Dec. 2021	3:30 PM – 4:30 PM
SOCS	7 Dec. 2021	3:30 PM – 4:30 PM
SOB & SOL	8 Dec. 2021	3:30 PM – 4:30 PM
SOMM, SOHST, School for Life, DRF & Lab Staff Members	9 Dec. 2021	3:30 PM – 4:30 PM
Meeting Recording: https://us02web.zoom.us/rec/share/SgAmiyeGrfBr4hxNEwut9a1kTKkIFsnMSVKwrL4DxZj2AbrcT7FkB9MStfHJMP0T.rbXSXXkpeeQ277oi Access Passcode: +0MNk=Q5		

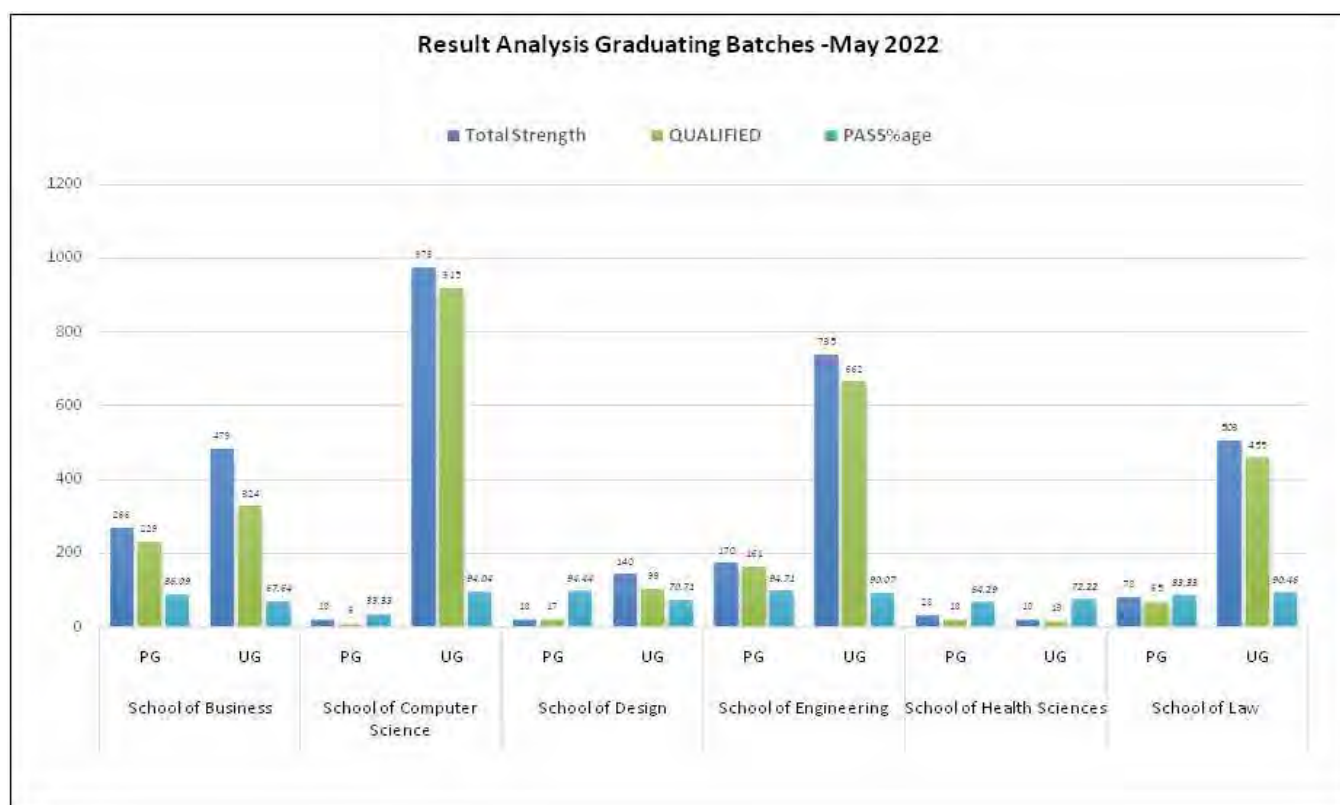
An online training for question paper setting & CO Mapping (**especially new joined faculty**) conducted by **Dr. Shyam Pandey**, Professor, Mechanical Department, UPES.

Activity	Date	Time
Training for faculty members (especially new joined) for setting of question paper according to Bloom's Taxonomy & level of complexity (HOT & LOT -questions) and CO Mapping	26th Oct. 2021 (Tuesday)	4 PM -5 PM
Meeting Recording: https://gusindia01-my.sharepoint.com/:f/g/personal/akvashisth_ddn_upes_ac_in/EtLNQFkdO_pAgKHOB_Di158Btlos880FvZ2MbDnGGUCaxQ?e=3sfQqL		

RESULT ANALYSIS AND DECLARATION OF RESULT

Result Analysis Graduating Batches - May 2022

School	Level	Total Strength	Qualified	PASS %age
School of Business	PG	266	229	86.09
	UG	479	324	67.64
School of Computer Science	PG	18	6	33.33
	UG	973	915	94.04
School of Design	PG	18	17	94.44
	UG	140	99	70.71
School of Engineering	PG	170	161	94.71
	UG	735	662	90.07
School of Health Sciences	PG	28	18	64.29
	UG	18	13	72.22
School of Law	PG	78	65	83.33
	UG	503	455	90.46
Grand Total		3426	2964	86.51



RESULT DECLARATION AY 2021-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	B.Com (Hons.) Ecom and BI	BIB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BA (Hons.) Economics	BEB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BA (Public Policy and Administration)	PPB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BBA (Analytics and Big Data)	ABB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BBA (Auto Marketing)	AMB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BBA (Digital Marketing)	DMB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BBA (Foreign Trade)	FTB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BBA (Logistics Management)	LMB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BBA (Oil and Gas Marketing)	OGB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	BBA(Core)	GNB3U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	Integrated B.Com (Hons) - (MBA)	ICM5U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	Integrated (BBA) - (MBA) (Marketing Management/Human Resource/Finance Management/Operations Management)	IBM5U	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOB	MBA (Aviation Management)	AVB2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOB	MBA (Business Analytics)	BAB2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOB	MBA (Digital Business)	DBS2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOB	MBA (International Business)	IBB2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOB	MBA (Oil and Gas Management)	OGB2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOB	MBA (Power Management)	PWB2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOB	B.Com (Hons.)	BCB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	B.Com (Hons.) Taxation	BIB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	B.Com (Hons.) Ecom and BI	BIB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BA (Hons.) Economics	BEB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BA (Public Policy and Administration)	PPB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Analytics and Big Data)	ABB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Auto Marketing)	AMB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Digital Marketing)	DMB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Financial Analysis and Services)	FSB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Foreign Trade)	FTB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Logistics Management)	LMB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA (Oil and Gas Marketing)	OGB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	BBA with specialization in Human Resource Management	GNB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	BBA with specialization in Marketing Management	GNB3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MA Economics	ECO2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA (Aviation Management)	AVB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA (Business Analytics)	BAB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA (Digital Business)	DBS2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA (International Business)	IBB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA (Oil and Gas Management)	OGB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA (Power Management)	PWB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA with specialization in Finance Management	GNB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA with specialization in Human Resource Management	GNB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA with specialization in Marketing Management	GNB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	MBA with specialization in Operations & Project Management	GNB2P	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	B.Com (Hons.)	BCB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	B.Com (Hons.) Taxation	BIB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	B.Com (Hons.) Ecom and BI	BIB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BA (Hons.) Economics	BEB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BA (Public Policy and Administration)	PPB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Analytics and Big Data)	ABB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Auto Marketing)	AMB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Aviation Operation)	AOB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Digital Marketing)	DMB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Financial Analysis and Services)	FSB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Foreign Trade)	FTB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Logistics Management)	LMB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA (Oil and Gas Marketing)	OGB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA with specialization in Human Resource Management	GNB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOB	BBA with specialization in Marketing Management	GNB3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOCS	B.Tech (Computer Science and Engineering)	CSE4U	I/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOCS	Bachelor of Computer Applications	CAC3U	I/2021	10-Jan-22	25-Jan-22	15	3-Jan-22
SOCS	M.Tech. (Computer Science & Engineering)	CSC2P	I/2021	10-Jan-22	25-Jan-22	15	7-Jan-22
SOCS	Master of Computer Application (MCA)	MCA2P	I/2021	10-Jan-22	25-Jan-22	15	3-Jan-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	B.Tech Computer Science & Engineering LLB (Hons.) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOCS	BCA (Internet of Things)	ITE3U	III/2021	10-Jan-22	25-Jan-22	15	2-Jan-22
SOCS	M.Tech. (Computer Science & Engineering)	CSC2P	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Blockchain Technology)	BTE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	V/2021	10-Jan-22	25-Jan-22	15	20-Dec-21
SOCS	BCA (Internet of Things)	ITE3U	V/2021	10-Jan-22	25-Jan-22	15	20-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	VII/2021	10-Jan-22	25-Jan-22	15	20-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	BIC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	VII/2021	10-Jan-22	25-Jan-22	15	20-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	VII/2021	10-Jan-22	25-Jan-22	15	20-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (E-Commerce)	ERC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	MTC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mobile Application Development)	MDC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	VII/2021	10-Jan-22	25-Jan-22	15	17-Dec-21
SOCS	B.Tech Computer Science & Engineering LLB (Hons.) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	VII/2021	10-Jan-22	25-Jan-22	15	24-Dec-21
SOD	Bachelor Of Design	BDE4U	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	M.Des (Graphic Design)	GRD2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	M.Des (Transportation & Mobility Design)	TMD2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOD	M.Des. (Interaction Design)	XDD2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	M.Des. (Product Design)	PDD2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Animation & VFX)	AVX4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Fashion Design)	FSD4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Graphics & Communication Design)	GCD4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Interior and Retail Space Design)	IRD4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-2
SOD	B.Des (Game Design)	GMD4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Transportation & Mobility Design)	TMD4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (User Experience & Interact.Design)	UED4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des. (Product Design)	BDD4U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	M.Des (Fashion Design)	FSD2P	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	M.Des (Transportation & Mobility Design)	TMD2P	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	M.Des (User Experience & Interaction Design)	UED2P	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	M.Des. (Product Design)	PDD2P	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Communication and Media Design) in Gaming/ Graphics/ Interaction Design/ Animation and VFX	CMD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Fashion Design)	FSD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Industrial and Product Design)	PTD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Interior and Retail Space Design)	IRD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Media Design - Animation & VFX)	CMD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-2
SOD	B.Des Commun. & Media Design-Graphics	CMD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOD	B.Des (Media Design - Interior Design)	CMD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Game Design)	GMD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Transportation & Mobility Design)	TMD4U	V/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Industrial and Product Design)	PTD4U	VII/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Interior and Retail Space Design)	IRD4U	VII/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Specilization: Industrial Design)	PTD4U	VII/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Communication & Media Design - Animation & VFX)	CMD4U	VII/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Communication & Media Design - Graphics)	CMD4U	VII/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Communication & Media Design - Interior Design)	CMD4U	VII/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOD	B.Des (Transportation & Mobility Design)	TMD4U	VII/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOE	B.Sc. (Hons.) Chemistry	CHE3U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOE	B.Sc. (Hons.) Mathematics	MTE3U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOE	B.Sc. (Hons.) Physics	PHE3U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOE	B.Tech (Advance Materials & Nano -Technology)	AMN4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech (Aerospace Engineering)	ASE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech (Automotive Design Engineering)	ADE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech (Electrical Engineering)	ELE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech (Mechanical Engineering)	MHE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech (Mechatronics Engineering)	MEE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech (Renewable & Sustainable Energy Engineering)	RSE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech - Applied Petroleum Engineering (Gas Stream)	GAE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech - Applied Petroleum Engineering (Upstream)	UPE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech - Chemical Engineering (Refining and Petrochemicals)	CEE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	B.Tech - Civil Engineering (Infrastructure Development)	CLE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOE	Integrated . B.Sc. (Hons.) Chemistry	ICM5U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOE	Integrated . B.Sc. (Hons.) Geology	IGO5U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOE	Integrated B.Sc. (Hons.) Mathematics	IMS5U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOE	M.Tech - Chemical Engineering with spec. in Process Design Engineering	PDE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M. Tech (Computational Fluid Dynamics)	CDE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M.Sc (Chemistry)	CHE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M.Sc (Physics)	PHY2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M.Sc. (Petroleum Geosciences)	PGS2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M.Tech (Energy Systems)	ESE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M.Tech (Health, Safety and Environment Engineering)	HSE2P	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOE	M.Tech (Petroleum Engineering)	PXE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M.Tech (Renewable Energy Engineering)	REE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	M.Tech (Automation & Robotics Engineering)	RBE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	M.Tech (Structural Engineering)	STE2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOE	B.Sc. (Hons.) Chemistry	CHE3U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Sc. (Hons.) Geology	GEO3U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOE	B.Sc. (Hons.) Mathematics	MTE3U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Sc. (Hons.) Physics	PHE3U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Automotive Design Engineering)	ADE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech -Aerospace Engineering (Avionics)	AVE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech - Applied Petroleum Engineering (Gas Stream)	GAE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech - Applied Petroleum Engineering (Upstream)	UPE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech - Chemical Engineering (Refining and Petrochemicals)	CEE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech - Civil Engineering (Infrastructure Development)	CLE4U	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	M.Sc (Chemistry)	CHE2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	M.Tech (Energy Systems)	ESE2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	M.Tech (Health, Safety and Environment Engineering)	HSE2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	M.Tech (Health, Safety and Environment) (Disaster Management)	DME2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	M.Tech (Petroleum Engineering)	PXE2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	M.Tech (Renewable Energy Engineering)	REE2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Sc. (Hons.) Chemistry	CHE3U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOE	B.Sc. (Hons.) Mathematics	MTE3U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOE	B.Sc. (Hons.) Physics	PHE3U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOE	B.Tech (Aerospace Engineering)	ASE4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOE	B.Tech (Automotive Design Engineering)	ADE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech (Electrical Engineering)	ELE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech (Geoinformatics)	GIE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech - Aerospace Engineering (Avionics)	AVE4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOE	B.Tech - Applied Petroleum Engineering (Gas Stream)	GAE4U	V/2021	10-Jan-22	25-Jan-22	15	28-Dec-21
SOE	B.Tech - Applied Petroleum Engineering (Upstream)	UPE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech - Chemical Engineering (Refining and Petrochemicals)	CEE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B.Tech - Civil Engineering (Infrastructure Development)	CLE4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOE	B. Tech (Geo-Science Engineering)	GSE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech (Aerospace Engineering)	ASE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Automotive Design Engineering)	ADE4U	VII/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOE	B.Tech (Electrical Engineering)	ELE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Geoinformatics)	GIE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Geoscience)	GSE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech (Mechanical Engineering)	MHE4U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOE	B.Tech (Mechatronics Engineering)	MEE4U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	VII/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOHS	B.Pharmacy	BPH4U	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOHS	B.Sc. (Clinical Research)	CRS3U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOHS	B.Sc. (Microbiology)	MIC3U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOHS	B.Tech (Biotechnology)	BIO4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOHS	B.Tech (Food Technology)	FTE4U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOHS	Integrated B.Tech (Biotechnology) - (MBA)	IBT5U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOHS	Integrated B.Tech (Food Technology) - (MBA)	IFT5U	I/2021	10-Jan-22	25-Jan-22	15	4-Jan-22
SOHS	Integrated B.Sc. + M.Sc. (Clinical Research)	ICR5U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOHS	Integrated B.Sc. + M.Sc. (Microbiology)	IMB5U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOHS	Integrated B.Sc. + M.Sc. (Nutrition and Dietetics)	IND5U	I/2021	10-Jan-22	25-Jan-22	15	6-Jan-22
SOHS	M.Sc. (Clinical Research)	CRS2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOHS	M.Sc. (Microbiology)	MIC2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOHS	M.Sc. (Nutrition and Dietetics)	NDS2P	I/2021	10-Jan-22	25-Jan-22	15	8-Jan-22
SOHS	B. Pharmacy	BPH4U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOHS	B.Sc. (Clinical Research)	CRS3U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOHS	B.Sc. (Microbiology)	MIC3U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOHS	B.Tech (Food Technology)	FTE4U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOHS	M.Sc. (Clinical Research)	CRS2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOHS	M.Sc. (Microbiology)	MIC2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOHS	M.Sc. (Nutrition and Dietetics)	NDS2P	III/2021	10-Jan-22	25-Jan-22	15	31-Dec-21
SOHS	B. Pharmacy	BPH4U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	B. Com. + LL.B (Hons.) (Taxation Law)	TXL5U	I/2021	10-Jan-22	25-Jan-22	15	5-Jan-22
SOL	BA LL.B (Hons.) (Energy Law) / (Criminal Law) / (Labor Law) / (Constitution Law)	ELL5U	I/2021	10-Jan-22	25-Jan-22	15	5-Jan-22
SOL	BBA LL.B (Hons.) (Corporate Law) / (International Trade and Investment Law) / (Banking, Finance and Insurance Law)	CLL5U	I/2021	10-Jan-22	25-Jan-22	15	5-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	B. Com. LL.B (Hons.) (Taxation Law)	TXL5U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BA LL.B (Hons.) (Energy Law) / (Criminal Law) / (Labor Law) / (Constitution Law)	ELL5U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BBA LL.B (Hons.) (Corporate Law) / (International Trade and Investment Law) / (Banking, Finance and Insurance Law)	CLL5U	III/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	B. Com. LL.B (Hons.) (Taxation Law)	TXL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	B. Tech - Computer Science and Engineering with LL.B (Hons.) (Cyber Law)	CYL6U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BA LL.B (Hons.) (Constitutional Law)	ELL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BA LL.B (Hons.) (Criminal Law)	ELL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BA LL.B (Hons.) (Energy Law)	ELL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BA LL.B (Hons.) (Labor Law)	ELL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BBA LL.B (Hons.) (Banking, Finance and Insurance Law)	CLL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BBA LL.B (Hons.) (Corporate Law)	CLL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BBA LL.B (Hons.) (International Trade and Investment Law)	CLL5U	IX/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	B. Com. LL.B (Hons.) (Taxation Law)	TXL5U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	B.Sc. LL.B. (Hons.) (Intellectual Property Rights)	BSL5U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BA LL.B (Hons.) (Energy Law) / (Criminal Law) / (Labor Law) / (Constitution Law)	ELL5U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21
SOL	BBA LL.B (Hons.) (Corporate Law) / (International Trade and Investment Law) / (Banking, Finance and Insurance Law)	CLL5U	V/2021	10-Jan-22	25-Jan-22	15	30-Dec-21

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	B. Com. LL.B (Hons.) (Taxation Law)	TXL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	B.Sc. LL.B. (Hons.) (Intellectual Property Rights)	BSL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BA LL.B (Hons.) (Constitutional Law)	ELL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BA LL.B (Hons.) (Criminal Law)	ELL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BA LL.B (Hons.) (Energy Law)	ELL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BBA LL.B (Hons.) (Banking, Finance and Insurance Law)	CLL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BBA LL.B (Hons.) (Corporate Law)	CLL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	BBA LL.B (Hons.) (International Trade and Investment Law)	CLL5U	VII/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law)	CYL6U	XI/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOL	B.Tech Computer Science and Engineering with LL.B (Hons.) (Intellectual Property Rights)	CYL6U	XI/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOMM	BA Digital and Mass Media (Broadcasting)	DMM3U	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOMM	BA Journalism and Mass Communication (Digital)	JMC3U	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOMM	BBA (Events, Public Relations and Corporate Communications)	EPC3U	I/2021	10-Jan-22	25-Jan-22	15	29-Dec-21
SOMM	MA Digital and Mass Media (Broadcasting)	DMM2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOMM	MA (Journalism and Mass Communication)	JMC2P	I/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOMM	BA (Digital and Mass Media)	DMM3U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22
SOMM	BA (Journalism and Mass Communication)	JMC3U	III/2021	10-Jan-22	25-Jan-22	15	10-Jan-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOMM	BBA (Events, Public Relations & Corporate Communications)	EPC3U	III/2021	10-Jan-22	25-Jan-22	15	27-Dec-21
SOB	B.Com (Hons.)	BCB3U	I/2022	4-Mar-22	19-Mar-22	15	28-Feb-22
SOB	B.Com (Hons.) Ecom and BI	BIB3U	I/2022	4-Mar-22	19-Mar-22	15	28-Feb-22
SOB	BA (Hons.) Economics	BEB3U	I/2022	4-Mar-22	19-Mar-22	15	28-Feb-22
SOB	BA (Public Policy and Administration)	PPB3U	I/2022	4-Mar-22	19-Mar-22	15	28-Feb-22
SOB	BBA (Analytics and Big Data)	ABB3U	I/2022	4-Mar-22	19-Mar-22	15	2-Mar-22
SOB	BBA (Digital Marketing)	DMB3U	I/2022	4-Mar-22	19-Mar-22	15	2-Mar-22
SOB	BBA (Foreign Trade)	FTB3U	I/2022	4-Mar-22	19-Mar-22	15	25-Feb-22
SOB	BBA (Human Resource / Marketing Management / Operations Management)	GNB3U	I/2022	4-Mar-22	19-Mar-22	15	18-Feb-22
SOB	BBA (Logistics Management)	LMB3U	I/2022	4-Mar-22	19-Mar-22	15	2-Mar-22
SOB	BBA (Oil and Gas Marketing)	OGB3U	I/2022	4-Mar-22	19-Mar-22	15	2-Mar-22
SOB	Integrated BBA & MBA	IBM5U	I/2022	4-Mar-22	19-Mar-22	15	18-Feb-22
SOB	MBA (Aviation Management)	AVB2P	I/2022	4-Mar-22	19-Mar-22	15	26-Feb-22
SOB	MBA (Business Analytics)	BAB2P	I/2022	4-Mar-22	19-Mar-22	15	19-Feb-22
SOB	MBA (Digital Business)	DBS2P	I/2022	4-Mar-22	19-Mar-22	15	16-Feb-22
SOB	MBA (Human Resource / Marketing Management / Finance Management / Operations Management)	GNB2P	I/2022	4-Mar-22	19-Mar-22	15	16-Feb-22
SOB	MBA (International Business)	IBB2P	I/2022	4-Mar-22	19-Mar-22	15	16-Feb-22
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	I/2022	4-Mar-22	19-Mar-22	15	26-Feb-22
SOB	MBA (Oil and Gas Management)	OGB2P	I/2022	4-Mar-22	19-Mar-22	15	26-Feb-22
SOB	MBA (Power Management)	PWB2P	I/2022	4-Mar-22	19-Mar-22	15	25-Feb-22
SOCS	B.Tech (Computer Science and Engineering)	CSE4U	I/2021	4-Mar-22	19-Mar-22	15	21-Feb-22
SOCS	Bachelor of Computer Applications (BCA)	CAC3U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	M.Tech. (Computer Science & Engineering)	CSC2P	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOCS	Master of Computer Application (MCA)	MCA2P	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Sc. (Hons.) Chemistry	CHE3U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOE	B.Sc. (Hons.) Geology	GEO3U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOE	B.Sc. (Hons.) Mathematics	MTE3U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOE	B.Sc. (Hons.) Physics	PHE3U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOE	B.Tech (Aerospace Engineering)	ASE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Tech (Automotive Design Engineering)	ADE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Tech (Electrical Engineering)	ELE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Tech (Mechanical Engineering)	MHE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Tech - Applied Petroleum Engineering (Gas Stream)	GAE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Tech - Applied Petroleum Engineering (Upstream)	UPE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Tech - Chemical Engineering (Refining and Petrochemicals)	CEE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	B.Tech - Civil Engineering (Infrastructure Development)	CLE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOE	Int. B.Sc. (Hons.) Physics	IPS5U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOE	M.Sc (Chemistry)	CHE2P	I/2021	4-Mar-22	19-Mar-22	15	28-Feb-22
SOE	M.Sc. (Petroleum Geosciences)	PGS2P	I/2021	4-Mar-22	19-Mar-22	15	28-Feb-22
SOE	M.Tech (Health, Safety and Environment Engineering)	HSE2P	I/2021	4-Mar-22	19-Mar-22	15	28-Feb-22
SOE	M.Tech (Petroleum Engineering)	PXE2P	I/2021	4-Mar-22	19-Mar-22	15	2-Mar-22
SOE	M.Tech (Structural Engg.)	STE2P	I/2021	4-Mar-22	19-Mar-22	15	2-Mar-22
SOHS	B.Pharmacy	BPH4U	I/2021	4-Mar-22	19-Mar-22	15	28-Feb-22
SOHS	B.Sc. (Clinical Research)	CRS3U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOHS	B.Sc. (Microbiology)	MIC3U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOHS	B.Tech (Biotechnology)	BIO4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOHS	B.Tech (Food Technology)	FTE4U	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOHS	Integrated B.Sc. + M.Sc. (Microbiology)	IMB5U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOHS	M.Sc. (Clinical Research)	CRS2P	I/2021	4-Mar-22	19-Mar-22	15	4-Mar-22
SOHS	M.Sc. (Microbiology)	MIC2P	I/2021	4-Mar-22	19-Mar-22	15	4-Mar-22
SOHS	M.Sc. (Nutrition and Dietetics)	NDS2P	I/2021	4-Mar-22	19-Mar-22	15	2-Mar-22
SOL	B. Com. LL.B (Hons.)	TXL5U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOL	BBA LL.B (Hons.)	CLL5U	I/2021	4-Mar-22	19-Mar-22	15	25-Feb-22
SOL	LL.B	LLB3U	I/2021	4-Mar-22	19-Mar-22	15	2-Mar-22
SOL	LL.M (Corporate and Securities Law)	LML1P	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOL	LL.M (Cyber Law)	LML1P	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOL	LL.M (Environmental Law and Policy)	LML1P	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOL	LL.M (International Business Law)	LML1P	I/2021	4-Mar-22	19-Mar-22	15	23-Feb-22
SOMM	BA - Journalism and Mass Communication (Digital)	JMC3U	I/2021	4-Mar-22	19-Mar-22	15	4-Mar-22
SOMM	BBA (Events, Public Relations & Corporate Communications)	EPC3U	I/2021	4-Mar-22	19-Mar-22	15	21-Feb-22
SOMM	MA - Journalism and Mass Communication (Digital)	JMC2P	I/2021	4-Mar-22	19-Mar-22	15	4-Mar-22
SOB	B.Com (Hons.) with specialization in e-commerce/ Banking and Insurance	BIB3U	II/2022	27-May-22	11-Jun-22	15	13-May-22
SOB	BA (Hons.) Economics	BEB3U	II/2022	27-May-22	11-Jun-22	15	13-May-22
SOB	BA (Public Policy and Administration)	PPB3U	II/2022	27-May-22	11-Jun-22	15	12-May-22
SOB	BBA (Analytics and Big Data)	ABB3U	II/2022	27-May-22	11-Jun-22	15	16-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	BBA (Aviation Management)	AOB3U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	BBA (Digital Business)	DBS3U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	BBA (Foreign Trade)	FTB3U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	BBA (Green Energy and Sustainability)	GES3U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	BBA (Logistics Management)	LMB3U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	BBA (Oil and Gas Marketing)	OGB3U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	BBA Core	GNB3U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	Integrated (B.Com (Hons)) - (MBA)	ICM5U	II/2022	27-May-22	11-Jun-22	15	13-May-22
SOB	Integrated BBA - MBA (Marketing Management/Human Resource/Finance Management/Operations Management)	IBM5U	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Aviation Management)	AVB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Business Analytics)	BAB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Digital Business)	DBS2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Finance Management)	GNB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Human Resource Management)	GNB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (International Business)	IBB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Marketing Management)	GNB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Oil & Gas Management)	OGB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Operations Management)	GNB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	MBA (Power Management)	PWB2P	II/2022	27-May-22	11-Jun-22	15	16-May-22
SOB	B.Com (Hons.)	BCB3U	IV/2022	27-May-22	11-Jun-22	15	12-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	B.Com (Hons.) with specialization in Banking, Management and Insurance	BIB3U	IV/2022	27-May-22	11-Jun-22	15	12-May-22
SOB	B.Com (Hons.) with specialization in Taxation	BIB3U	IV/2022	27-May-22	11-Jun-22	15	12-May-22
SOB	BA (Hons.) Economics	BEB3U	IV/2022	27-May-22	11-Jun-22	15	12-May-22
SOB	BA (Public Policy and Administration)	PPB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BBA (Analytics and Big Data)	ABB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BBA (Aviation Management)	AOB3U	IV/2022	27-May-22	11-Jun-22	15	10-May-22
SOB	BBA (Digital Marketing)	DMB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BBA (Financial Analysis and Services)	FSB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BBA (Foreign Trade)	FTB3U	IV/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Logistics Management)	LMB3U	IV/2022	27-May-22	11-Jun-22	15	10-May-22
SOB	BBA (Oil and Gas Marketing)	OGB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BBA with specialization in Human Resource Management	GNB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BBA with specialization in Marketing Management	GNB3U	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MA (Economics)	ECO2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA (Aviation Management)	AVB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA (Business Analytics)	BAB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA (Digital Business)	DBS2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA (International Business)	IBB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA (Logistics and Supply Chain Management)	LSB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA (Oil and Gas Management)	OGB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA (Power Management)	PWB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	MBA with specialization in Finance Management	GNB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA with specialization in Human Resource Management	GNB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA with specialization in Marketing Management	GNB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	MBA with specialization in Operations & Project Management	GNB2P	IV/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	B.Com (Hons.)	BCB3U	VI/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	B.Com (Hons.) (Banking, Management and Insurance)	BIB3U	VI/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	B.Com (Hons.) (Taxation)	BIB3U	VI/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BA (Hons.) (Economics)	BEB3U	VI/2022	27-May-22	11-Jun-22	15	9-May-22
SOB	BA (Hons.) (Economics with specialization in Energy Economics)	BEB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BA (Public Policy and Administration)	PPB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Analytics and Big Data)	ABB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Auto Marketing)	AMB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Aviation Operation)	AOB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Digital Marketing)	DMB3U	VI/2022	27-May-22	11-Jun-22	15	5-May-22
SOB	BBA (Family Business and Entrepreneurship)	EFB3U	VI/2022	27-May-22	11-Jun-22	15	5-May-22
SOB	BBA (Financial Analysis and Services)	FSB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Foreign Trade)	FTB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Logistics Management)	LMB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Oil and Gas Marketing)	OGB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA (Tourism and Hospitality Management)	THB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22
SOB	BBA with specialization in Human Resource Management	GNB3U	VI/2022	27-May-22	11-Jun-22	15	6-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOB	BBA with specialization in Marketing Management	GNB3U	VI/2022	27-May-22	11-Jun-22	15	5-May-22
SOCS	B.Tech (Computer Science and Engineering)	CSE4U	II/2021	27-May-22	11-Jun-22	15	16-May-22
SOCS	Bachelor of Computer Application (BCA)	CAC3U	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	M.Tech. (Computer Science & Engineering)	CSC2P	II/2021	27-May-22	11-Jun-22	15	13-May-22
SOCS	Master of Computer Application (MCA)	MCA2P	II/2021	27-May-22	11-Jun-22	15	16-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech Computer Science & Engineering LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	IV/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	IV/2021	27-May-22	11-Jun-22	15	9-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	BCA (Internet of Things)	ITE3U	IV/2021	27-May-22	11-Jun-22	15	9-May-22
SOCS	M.Tech. - Computer Science & Engineering	CSC2P	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Blockchain Technology)	BTE4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	VI/2021	27-May-22	11-Jun-22	15	13-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOCS	B.Tech (Computer Science & Engineering) LLB (H) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	VI/2021	27-May-22	11-Jun-22	15	16-May-22
SOCS	BCA (Banking, Financial Services and Insurance)	BSE3U	VI/2021	27-May-22	11-Jun-22	15	5-May-22
SOCS	BCA (Internet of Things)	ITE3U	VI/2021	27-May-22	11-Jun-22	15	5-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	AIC4U	VIII/2021	27-May-22	11-Jun-22	15	5-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	BIC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Big Data)	BDC4U	VIII/2021	27-May-22	11-Jun-22	15	6-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	BOC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	CVC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	CSC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (DevOps)	DVC4U	VIII/2021	27-May-22	11-Jun-22	15	6-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (e-Commerce)	ERC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	GGC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOCS	B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	ISC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	ITC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	MTC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Mobile Application Development)	MDC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	OGC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	OSC4U	VIII/2021	27-May-22	11-Jun-22	15	2-May-22
SOCS	B.Tech Computer Science & Engineering LLB (Hons.) with Specialization in Cyber Laws / IPR (6 Years)	CYL6U	VIII/2021	27-May-22	11-Jun-22	15	10-May-22
SOD	Bachelor Of Design	BDE4U	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (Graphic Design)	GRD2P	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (Transportation & Mobility Design)	TMD2P	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (Interaction Design)	XDD2P	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (Product Design)	PDD2P	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Animation & VFX)	AVX4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Fashion Design)	FSD4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Graphics & Communication Design)	GCD4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Interior and Retail Space Design)	IRD4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Game Design)	GMD4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOD	B.Des (Transportation & Mobility Design_	TMD4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (User Experience & Interact.Design)	UED4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Product Design)	BDD4U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (Fashion Design)	FSD2P	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (Transportation & Mobility Design)	TMD2P	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (User Experience & Interaction Dsgn)	UED2P	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	M.Des (Product Design)	PDD2P	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Communication and Media Design in Gaming/ Graphics/ Interaction Design/ Animation and VFX)	CMD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Fashion Design)	FSD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Industrial and Product Design)	PTD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Interior and Retail Space Design)	IRD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Communication & Media Design - Animation & VFX)	CMD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Communication & Media Design - Graphics)	CMD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Communication & Media Design - Interior Design)	CMD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Game Design)	GMD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Transportation & Mobility Design)	TMD4U	VI/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Industrial and Product Design)	PTD4U	VIII/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Interior and Retail Space Design)	IRD4U	VIII/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Specilization: Industrial Design)	PTD4U	VIII/2021	27-May-22	11-Jun-22	15	27-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOD	B.Des (Communication & Media Design - Animation & VFX)	CMD4U	VIII/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Communication & Media Design - Graphics)	CMD4U	VIII/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Communication & Media Design - Interior Design)	CMD4	VIII/2021	27-May-22	11-Jun-22	15	27-May-22
SOD	B.Des (Transportation & Mobility Design)	TMD4U	VIII/2021	27-May-22	11-Jun-22	15	27-May-22
SOE	B.Sc. (Hons.) Chemistry	CHE3U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Sc. (Hons.) Geology	GEO3U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Sc. (Hons.) Mathematics	MTE3U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Sc. (Hons.) Physics	PHE3U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Advance Materials & Nano Technology)	AMN4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Aerospace Engineering)	ASE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Automotive Design Engineering)	ADE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Electrical Engineering)	ELE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Mechanical Engineering)	MHE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Mechatronics Engineering)	MEE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Renewable & Sustainable Energy Engineering)	RSE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	Integrated B.Sc. (Hons.) Chemistry	ICM5U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	Integrated B.Sc. (Hons.) Mathematics	IMS5U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	Integrated B.Sc. (Hons.) Physics	IPS5U	II/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	M. Tech (Chemical Engineering with specialization in Process Design Engineering)	PDE2P	II/2021	27-May-22	11-Jun-22	15	16-May-22
SOE	M. Tech (Computational Fluid Dynamics)	CDE2P	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	M.Sc (Chemistry)	CHE2P	II/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	M.Sc (Physics)	PHY2P	II/2021	27-May-22	11-Jun-22	15	13-May-22
SOE	M.Sc. (Petroleum Geosciences)	PGS2P	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	M.Tech (Energy Systems)	ESE2P	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	M.Tech (Health, Safety and Environment Engineering)	HSE2P	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	M.Tech (Petroleum Engineering)	PXE2P	II/2021	27-May-22	11-Jun-22	15	16-May-22
SOE	M.Tech (Renewable Energy Engineering)	REE2P	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	M.Tech (Automation & Robotics Engineering)	RBE2P	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	M.Tech (Structural Engineering)	STE2P	II/2021	27-May-22	11-Jun-22	15	16-May-22
SOE	B.Sc. (Hons.) Chemistry	CHE3U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Sc. (Hons.) Geology	GEO3U	IV/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Sc. (Hons.) Mathematics	MTE3U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Sc. (Hons.) Physics	PHE3U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech (Aerospace Engineering)	ASE4U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech (Automotive Design Engineering)	ADE4U	IV/2021	27-May-22	11-Jun-22	15	9-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	IV/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Mechanical Engineering)	MHE4U	IV/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Tech (Mechatronics Engineering)	MEE4U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	IV/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	IV/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	IV/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Sc. (Hons.) Chemistry	CHE3U	VI/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Sc. (Hons.) Mathematics	MTE3U	VI/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Sc. (Hons.) Physics	PHE3U	VI/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Tech (Aerospace Engineering)	ASE4U	VI/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Automotive Design Engineering)	ADE4U	VI/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Electrical Engineering)	ELE4U	VI/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	VI/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	B.Tech (Geoinformatics)	GIE4U	VI/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech (Mechanical Engineering)	MHE4U	VI/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Mechatronics Engineering)	MEE4U	VI/2021	27-May-22	11-Jun-22	15	9-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	VI/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech Applied Petroleum Engineering (Gas Stream)	GAE4U	VI/2021	27-May-22	11-Jun-22	15	10-May-22
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	B.Tech Chemical Engineering (Refining and Petrochemicals)	CEE4U	VI/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	VI/2021	27-May-22	11-Jun-22	15	12-May-22
SOE	B. Tech (Geo-Science Engineering)	GSE4U	VIII/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Aerospace Engineering)	ASE4U	VIII/2021	27-May-22	11-Jun-22	15	5-May-22
SOE	B.Tech (Automotive Design Engineering)	ADE4U	VIII/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Tech (Electrical Engineering)	ELE4U	VIII/2021	27-May-22	11-Jun-22	15	5-May-22
SOE	B.Tech (Electronics and Communication Engineering)	ECE4U	VIII/2021	27-May-22	11-Jun-22	15	5-May-22
SOE	B.Tech (Fire and Safety Engineering)	FSE4U	VIII/2021	27-May-22	11-Jun-22	15	5-May-22
SOE	B.Tech (Geoinformatics)	GIE4U	VIII/2021	27-May-22	11-Jun-22	15	9-May-22
SOE	B.Tech (Mechanical Engineering)	MHE4U	VIII/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Tech (Mechatronics Engineering)	MEE4U	VIII/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Tech Aerospace Engineering (Avionics)	AVE4U	VIII/2021	27-May-22	11-Jun-22	15	5-May-22
SOE	B.Tech Applied Petroleum Engineering (Upstream)	UPE4U	VIII/2021	27-May-22	11-Jun-22	15	6-May-22
SOE	B.Tech Civil Engineering (Infrastructure Development)	CLE4U	VIII/2021	27-May-22	11-Jun-22	15	9-May-22
SOHS	B.Pharmacy	BPH4U	II/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	B.Sc. (Clinical Research)	CRS3U	II/2021	27-May-22	11-Jun-22	15	26-May-22
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	II/2021	27-May-22	11-Jun-22	15	26-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOHS	B.Sc. (Microbiology)	MIC3U	II/2021	27-May-22	11-Jun-22	15	26-May-22
SOHS	B.Tech (Biotechnology)	BIO4U	II/2021	27-May-22	11-Jun-22	15	26-May-22
SOHS	B.Tech (Food Technology)	FTE4U	II/2021	27-May-22	11-Jun-22	15	26-May-22
SOHS	Integrated B.Sc. M.Sc. (Clinical Research)	ICR5U	II/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	Integrated B.Sc. M.Sc. (Microbiology)	IMB5U	II/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	Integrated B.Sc. M.Sc. (Nutrition and Dietetics)	IND5U	II/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	M.Sc (Microbiology)	MIC2P	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOHS	M.Sc. (Clinical Research)	CRS2P	II/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	M.Sc. (Nutrition and Dietetics)	NDS2P	II/2021	27-May-22	11-Jun-22	15	26-May-22
SOHS	B.Pharmacy	BPH4U	IV/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	B.Sc. (Clinical Research)	CRS3U	IV/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	IV/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	B.Sc. (Microbiology)	MIC3U	IV/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	B.Tech (Food Technology)	FTE4U	IV/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	B.Pharmacy	BPH4U	VI/2021	27-May-22	11-Jun-22	15	24-May-22
SOHS	B.Sc. (Food, Nutrition and Dietetics)	NDH3U	VI/2021	27-May-22	11-Jun-22	15	23-May-22
SOL	B. Com. LL.B (Hons.)	TXL5U	II/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	BA LL.B (Hons.)	ELL5U	II/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	BBA LL.B (Hons.)	CLL5U	II/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	LL.B	LLB3U	II/2021	27-May-22	11-Jun-22	15	20-May-22
SOL	LL.M. (Corporate and Securities Law)	LML1P	II/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	LL.M. (Cyber Law)	LML1P	II/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	LL.M. (Environmental Law and Policy)	LML1P	II/2021	27-May-22	11-Jun-22	15	19-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	LL.M. (International Business Law)	LML1P	II/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	B. Com. LL.B (Hons.) (Taxation Law / (Media and Entertainment Law / Legal Compliance and Secretarial Practices)	TXL5U	IV/2021	27-May-22	11-Jun-22	15	16-May-22
SOL	BA LL.B (Hons.) (Energy Law / Criminal Law / Labor Law / Constitution Law)	ELL5U	IV/2021	27-May-22	11-Jun-22	15	16-May-22
SOL	BBA LL.B (Hons.) (Corporate Law / International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	IV/2021	27-May-22	11-Jun-22	15	16-May-22
SOL	B.Com. LL.B (Hons.) (Taxation Law / Media and Entertainment Law / Legal Compliance and Secretarial Practices)	TXL5U	VI/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	B.Com. LL.B (Hons.) (Taxation Law/Media and Entertainment Law/ Legal Compliance and Secretarial Practices/ IPR/Cyber Law)	TXL5U	VI/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	B.Sc. LL.B. (Hons.) (Intellectual Property Rights/Food, Health and Environment Law/ Medical and Forensic Law)	BSL5U	VI/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law)	ELL5U	VI/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	BA LL.B (Hons.) (Energy Law/ Criminal Law/ Labor Law/ Constitution Law/ IPR/Cyber Law)	ELL5U	VI/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law)	CLL5U	VI/2021	27-May-22	11-Jun-22	15	19-May-22
SOL	BBA LL.B (Hons.) (Corporate Law/ International Trade and Investment Law / Banking, Finance and Insurance Law/ IPR/Cyber Law)	CLL5U	VI/2021	27-May-22	11-Jun-22	15	19-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	B.Com. LL.B (Hons.) Taxation Law	TXL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	B.Sc. LL.B. (Hons.) Intellectual Property Rights	BSL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	BA LL.B (Hons.) Constitutional Law	ELL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	BA LL.B (Hons.) Criminal Law	ELL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	BA LL.B (Hons.) Energy Law	ELL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	BBA LL.B (Hons.) Banking, Finance and Insurance Law	CLL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	BBA LL.B (Hons.) Corporate Law	CLL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	BBA LL.B (Hons.) International Trade and Investment Law	CLL5U	VIII/2021	27-May-22	11-Jun-22	15	17-May-22
SOL	B. Com. LL.B (Hons.) Taxation Law	TXL5U	X/2021	27-May-22	11-Jun-22	15	9-May-22
SOL	B.Tech Computer Science and Engineering with LL.B (Hons.) Cyber Law	CYL6U	X/2021	27-May-22	11-Jun-22	15	12-May-22
SOL	B.Tech Computer Science and Engineering with LL.B (Hons.) Intellectual Property Rights	CYL6U	X/2021	27-May-22	11-Jun-22	15	12-May-22
SOL	BA LL.B (Hons.) Constitution Law	ELL5U	X/2021	27-May-22	11-Jun-22	15	5-May-22
SOL	BA LL.B (Hons.) Criminal Law	ELL5U	X/2021	27-May-22	11-Jun-22	15	5-May-22
SOL	BA LL.B (Hons.) Energy Law	ELL5U	X/2021	27-May-22	11-Jun-22	15	5-May-22
SOL	BA LL.B (Hons.) Labor Law	ELL5U	X/2021	27-May-22	11-Jun-22	15	5-May-22
SOL	BBA LL.B (Hons.) Banking, Finance and Insurance Law	CLL5U	X/2021	27-May-22	11-Jun-22	15	9-May-22
SOL	BBA LL.B (Hons.) Corporate Law	CLL5U	X/2021	27-May-22	11-Jun-22	15	7-May-22
SOL	BBA LL.B (Hons.) International Trade and Investment Law	CLL5U	X/2021	27-May-22	11-Jun-22	15	9-May-22

School	Program Name	Program Code	Semester/ Year	Last date of the last semester -end/ year- end examination	Date of declaration of results of semester -end/ year- end examination	Number of days taken for declaration of the results	Program wise last date of end examination
SOL	B. Tech Computer Science and Engineering with LL.B (Hons.) (Cyber Law)	CYL6U	XII/2021	27-May-22	11-Jun-22	15	6-May-22
SOL	B. Tech Energy Technology with LL.B (Hons.) in Intellectual Property Rights	ETL6U	XII/2021	27-May-22	11-Jun-22	15	6-May-22
SOMM	BA Digital and Mass Media (Broadcasting)	DMM3U	II/2021	27-May-22	11-Jun-22	15	13-May-22
SOMM	BA Journalism and Mass Communication (Digital)	JMC3U	II/2021	27-May-22	11-Jun-22	15	13-May-22
SOMM	BBA (Events, Public Relations and Corporate Communications)	EPC3U	II/2021	27-May-22	11-Jun-22	15	12-May-22
SOMM	MA Digital and Mass Media (Broadcasting)	DMM2P	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOMM	MA (Journalism and Mass Communication)	JMC2P	II/2021	27-May-22	11-Jun-22	15	27-May-22
SOMM	BA (Digital and Mass Media)	DMM3U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOMM	BA (Journalism and Mass Communication)	JMC3U	IV/2021	27-May-22	11-Jun-22	15	27-May-22
SOMM	BBA (Events, Public Relations and Corporate Communications)	EPC3U	IV/2021	27-May-22	11-Jun-22	15	5-May-22

RE-EVALUATION AND GRIEVANCE

Grievance Cases including re-evaluation summary for End Sem. Examination December 2021.

End Semester Examination- Dec 2021	Total No. of Applications Received	Total No. of Students appeared in Examination	No. of application in which marks changed	No. of application in which grade changed
SOB	79	2183	10	9
SOCS	139	3948	6	6
SOD	13	785	2	2
SOE	61	2292	6	6
SOHS	0	329	0	0
SOL	75	2385	6	6
SOMM	0	120	0	0

Grievance Cases including re-evaluation summary for End Semester Examination (Slot 2)

End Semester Examination-Slot -2	Total No. of Applications Received	Total No. of Students appeared in Examination	No. of application in which marks changed	No. of application in which grade changed
SOB	5	119	0	0
SOCS	0	171	0	0
SOD	0	10	0	0
SOE	0	45	0	0
SOHS	1	39	0	0
SOL	4	18	0	0
SOMM	0	7	0	0

Unfair Means Cases Summary of End Semester Examination December 2021

School	Total No of UFM Cases	Paper Canceled	Warning Issued	Referred to School Discipline Committee
SOB	110	89	21	0
SOCS	67	34	33	0
SOE	42	21	21	0
SOHS	4	1	3	0
SOL	84	63	21	0
SOMM	1	1	0	0

Academic Year-2021-2022 (Even Semester)

Session began in the month of January 2022 and ended in the month of April 2022

Summary of End Semester Examination May 2022

Year and Exam Cycle	No. of Students	Examination Window	Result Declaration
End Semester (Even Semester) Examination May 2022	11972	2 May – 27 May 2022	11.6.2022

Unfair Means Cases Summary of End Semester Examination May 2022

School	Total No of UFM Cases	Paper Canceled	Warning Issued	Referred to School Discipline Committee
SOB	21	12	9	0
SOCS	37	15	22	0
SOL	23	13	10	0
SOE	15	8	7	0
SOHS	21	5	3	0

Grievance Cases including re-evaluation summary for End Semester Examination (Even Semester) May 2022

School	Total No. of Applications Received	Total No. of Students appeared in Examination	No. of application in which marks changed	No. of application in which grade changed
SOB	47	2210	4	4
SOCS	169	3923	18	16
SOD	22	804	8	8
SOE	45	2254	8	6
SOHST	5	321	1	1
SOL	21	2338	2	2
SOMM	3	122	0	0

PASS PERCENTAGE

2964 students passed out of 3426 final students who appeared for the final examination. The pass percentage of final year students for AY 2021-22 is 86.5%.

The program wise pass percentage of students who appeared for examination is as under:

School/Program	Total Appeared	Qualified	Pass %
School of Business	745	553	74.2
B.Com (Hons.)	42	35	83.3
B.Com (Hons.) Banking, Management and Insurance	18	14	77.8
B.Com (Hons.) Taxation	12	11	91.7
BA (Hons.) Economics	5	4	80
BA (Hons.) Economics (Energy Economics)	12	11	91.7
BA (Public Policy and Administration)	23	20	87
BBA (Analytics and Big Data)	11	11	100
BBA (Auto Marketing)	5	3	60
BBA (Aviation Operations)	72	50	69.4
BBA (Digital Marketing)	59	40	67.8
BBA (Family Business and Entrepreneurship)	14	7	50
BBA (Financial Analysis and Services)	43	26	60.5
BBA (Foreign Trade)	46	26	56.5
BBA (Human Resource Management)	29	15	51.7
BBA (Logistics Management)	28	17	60.7
BBA (Marketing Management)	10	8	80
BBA (Oil and Gas Marketing)	43	22	51.2
BBA (Tourism and Hospitality Management)	7	4	57.1
MA (Economics)	6	6	100

School/Program	Total Appeared	Qualified	Pass %
MBA (Aviation Management)	24	23	95.8
MBA (Business Analytics)	15	14	93.3
MBA (Digital Business)	6	6	100
MBA (Financial Management)	33	26	78.8
MBA (Human Resource Management)	17	15	88.2
MBA (International Business)	27	26	96.3
MBA (Logistics and Supply Chain Management)	48	35	72.9
MBA (Marketing Management)	21	16	76.2
MBA (Oil and Gas Management)	53	46	86.8
MBA (Operations Management)	2	2	100
MBA (Power Management)	14	14	100
School of Computer Science	991	921	92.9
B.Tech (Hons.) Computer Science and Engineering (Artificial Intelligence and Machine Learning)	59	59	100
B.Tech (Hons.) Computer Science and Engineering (Banking, Financial Services and Insurance)	18	17	94.4
B.Tech (Hons.) Computer Science and Engineering (Big Data)	89	86	96.6
B.Tech (Hons.) Computer Science and Engineering (Business Analytics and Optimization)	120	117	97.5
B.Tech (Hons.) Computer Science and Engineering (Cloud Computing and Virtualization Technology)	115	109	94.8
B.Tech (Hons.) Computer Science and Engineering (Cyber Security and Forensics)	119	116	97.5
B.Tech (Hons.) Computer Science and Engineering (DevOps)	66	64	97
B.Tech (Hons.) Computer Science and Engineering (E-Commerce)	15	13	86.7
B.Tech (Hons.) Computer Science and Engineering (Graphics and Gaming)	48	43	89.6
B.Tech (Hons.) Computer Science and Engineering (Internet of Things and Smart Cities)	66	64	97
B.Tech (Hons.) Computer Science and Engineering (IT Infrastructure)	37	35	94.6
B.Tech (Hons.) Computer Science and Engineering (Mainframe Technology)	19	18	94.7
B.Tech (Hons.) Computer Science and Engineering (Mobile Application Development)	25	24	96
B.Tech (Hons.) Computer Science and Engineering (Oil and Gas Informatics)	50	49	98
B.Tech (Hons.) Computer Science and Engineering (Open Source and Open Standards)	49	48	98
BCA (Banking, Financial Services and Insurance)	13	11	84.6
BCA (Internet of Things)	65	42	64.6
M.Tech (by Research)	11	3	27.3
M.Tech (Computer Science and Engineering)	7	3	42.9
School of Design	158	116	73.4

School/Program	Total Appeared	Qualified	Pass %
B.Des - Communication and Media Design (Animation and VFX)	19	11	57.9
B.Des - Communication and Media Design (Graphics)	22	19	86.4
B.Des - Communication and Media Design (Interaction Design)	13	9	69.2
B.Des (Industrial and Product Design)	50	41	82
B.Des (Interior and Retail Space Design)	10	6	60
B.Des (Transportation and Mobility Design)	26	13	50
M.Des (Fashion Design)	2	2	100
M.Des (Product Design)	6	6	100
M.Des (Transportation and Mobility Design)	9	8	88.9
M.Des (User Experience and Interaction Design)	1	1	100
School of Engineering	905	823	90.9
B.Sc. (Hons.) Chemistry	10	7	70
B.Sc. (Hons.) Mathematics	12	9	75
B.Sc. (Hons.) Physics	14	7	50
B.Tech (Aerospace Engineering)	38	33	86.8
B.Tech (Automotive Design Engineering)	31	28	90.3
B.Tech (Electrical Engineering)	16	14	87.5
B.Tech (Electronics and Communication Engineering)	35	25	71.4
B.Tech (Fire and Safety Engineering)	45	43	95.6
B.Tech (Geo Informatics Engineering)	10	8	80
B.Tech (Geo Science Engineering)	12	9	75
B.Tech (Mechanical Engineering)	55	52	94.5
B.Tech (Mechatronics Engineering)	28	25	89.3
B.Tech Aerospace Engineering (Avionics)	34	33	97.1
B.Tech Applied Petroleum Engineering (Gas Stream)	116	108	93.1
B.Tech Applied Petroleum Engineering (Upstream)	121	114	94.2
B.Tech Chemical Engineering (Refining and Petrochemicals)	139	134	96.4
B.Tech Civil Engineering (Infrastructure Development)	19	13	68.4
M.Sc (Chemistry)	5	5	100
M.Sc (Petroleum Geosciences)	11	7	63.6
M.Tech (Automation and Robotics Engineering)	6	6	100
M.Tech (Computational Fluid Dynamics)	9	8	88.9
M.Tech (Energy Systems)	3	2	66.7
M.Tech (Health, Safety and Environment Engineering)	86	86	100
M.Tech - Health, Safety and Environment Engineering (Disaster Management)	14	14	100
M.Tech (Petroleum Engineering)	15	13	86.7

School/Program	Total Appeared	Qualified	Pass %
M.Tech (Renewable Energy Engineering)	5	4	80
M.Tech - Chemical Engineering (Process Design Engineering)	12	12	100
M.Tech - Structural Engineering (Offshore)	4	4	100
School of Health Sciences & Technology	46	31	67.4
B.Sc. (Food, Nutrition and Dietetics)	18	13	72.2
M.Sc. (Clinical Research)	4	3	75
M.Sc. (Microbiology)	18	12	66.7
M.Sc. (Nutrition and Dietetics)	6	3	50
School of Law	581	520	89.5
LL.M. (Corporate and Securities Law)	33	26	78.8
LL.M. (Cyber Law)	27	25	92.6
LL.M. (Environmental Law and Policy)	10	9	90
LL.M. (International Business Law)	8	5	62.5
B. Com. LL.B (Hons.) Taxation Law	94	78	83
B. Tech (Computer Science and Engineering) LL.B (Hons.) Cyber Law	34	31	91.2
B. Tech (Energy Technology) LL.B (Hons.) (Intellectual Property Rights Law)	5	5	100
BA LL.B (Hons.) (Constitutional Law)	59	53	89.8
BA LL.B (Hons.) (Criminal Law)	45	42	93.3
BA LL.B (Hons.) (Energy Law)	111	99	89.2
BBA LL.B (Hons.) (Banking, Finance and Insurance Law)	9	9	100
BBA LL.B (Hons.) (Corporate Law)	96	92	95.8
BBA LL.B (Hons.) (International Trade and Investment Law)	50	46	92
Grand Total	3426	2964	86.5

DISTANCE EDUCATION PROGRAMS

Programme	Total Qualified
BBA (Aviation Operation)	21
MBA (Aviation Management)	59
MBA (International Business)	28
MBA (Infrastructure Management)	14
MBA (Oil & Gas Management)	119
MBA (Power Management)	65
MBA (Logistic & Supply Chain)	68
Total	374

DOCTOR OF PHILOSOPHY

Programme	Total Qualified
Ph.D (Engineering)	7
Ph.D (Science)	2
Ph.D (Management)	5
Ph.D (Computer Science)	2
Total	16

RESEARCH AND DEVELOPMENT

A University's worth, it's 'greatness', should be judged by its value to the society. Since its establishment, UPES has been among India's pioneering innovation driven University with fine tradition of developing research culture in the organization by creating dedicated research centers and winning several research projects from National and International Funding Organizations; both in the public and private sectors.

UPES has a strong ecosystem to support innovations and interdisciplinary research. To foster a research culture that provides solutions through innovative applied research to society and intellectually stimulating environment for researchers; UPES has developed commensurate research policies to provide the enabling ecosystem for state-of-the-art research:

- Expansion of research databases through subscription of SCOPUS, ScienceDirect, Web of Science, Emerald Insight, EBSCO, IEEE, etc.
- Provision of SEED grant for undertaking interdisciplinary and innovative research projects.
- Provision of SEED Infrastructure grant for procurement of state-of-the-art sophisticated equipment.
- Student support – financial and through mentorship – for research through a scheme SHODH.
- Talks, lectures from eminent researchers, conference, seminars, etc. for capacity building.
- Establishment of Centre for Interdisciplinary Research and Innovation (CIDRI), Machine Intelligence Research Centre (MIRC), Centre for Alternative Energy Research (CAER) & Speech and Language Research Centre (SLRC).
- Financial Support for attending National and International Conferences, etc.
- Rewards & Recognition Policy & Research Advisory Committee.
- Institutional Ethics Committee to implement adherence to highest standards of ethics.

RESEARCH CENTERS

- **Centre for Interdisciplinary Research and Innovation (CIDRI)**

Centre of Inter-disciplinary Research & Innovation (CIDRI) at UPES provides a platform for interaction across the boundaries of various disciplines – such as Science, Engineering, Health Environment, Computer Science, Design, Management, Humanities, Law, etc. and address the key technical, organizational and logistical challenges that currently hinder truly transdisciplinary research.

CIDRI promotes and facilitates the interfacing and collaborations with industries, clinicians and doctors in hospitals for translational research, research groups of prominent national and international universities/institutes. CIDRI aims at bringing together the researchers in the field of basic Sciences, all streams of Engineering, Artificial Intelligence, Machine Learning, along with experts of Design as well as Business and Law so as to finally emerge with a product with intellectual property rights and business plan.

- **Central Instrumentation Centre (CIC)**

Central Instrumentation Centre (CIC) was inaugurated by ‘Padma Bhushan Dr. R. Chidambaram’ on 27th February 2014. This facility is aimed to provide data collection from sophisticated, analytical equipment's to scientific community for their advanced research and also to facilitate cutting edge technologies for societal needs. The facility is open to researchers from across the country.

ACADEMIC COUNCIL [2021 - 2024]

XRD	Source Meter
DC/RF Sputtering System	Spin Coater
Raman Spectrometer	Thermal Evaporation System
TGA	Colony Counter
DSC	Borosil Double Distillation Unit
Photoluminescence Spectrometer	Centrifuge
FTIR	Dielectric Constant of Liquids
GC-MS	Digital Ultrasonic Cleaner-Ultrasonic Bath
HPLC	Electronic Weighing Balance
ICP-OES	Medical Refrigerator Freezer
CHNS/O Analyzer	Millipore Water Purifier
UV-Vis Spectrophotometer	Nano Fluid Interferometer
Rheometer	Optical Microscope
Muffle Furnace	Oven
Chemical Vapor Deposition	Electrochemical Potentiostat-Galvanostat
Contact Angle Goniometer/Drop Shape Analyzer	Probe Sonicator
Atomic Force Microscope	UV Cabinet
Particle Size Analyzer	Nano Micro Bubble Generator
Thermo Mechanical Analyzer	Ozone Gas Generator
pH/ISE Meter	Water Bath
pH/ORP, DO, CD/TDS Meter	Orbital Shaking Incubator
Tubular Furnace	Laminar Air Flow
pH Meter	Autoclave
Weighing Balance	Laser Cutter
3D Printer	Screen printer

- **Machine Intelligence Research Centre (MIRC)**

The facility is aimed at conducting high-end computing specific to investing Machine Learning challenges of Artificial Intelligence. It is funded by Research & Development Department of UPES, in collaboration with School of Computer Science (SOCS) having a vision to develop as Centre of Excellence (COE) that is profound and self-sustainable. MIRC facility is equipped with HPE Apollo 6000 Gen 10 server system, having 256 GBs of RAM and dual Xeon processors installed over 32 GB of GPU Tesla V100 graphic card. MIRC provides platform for researchers of all faculty and students to conduct fundamental research in the field of Artificial Intelligence and Data Sciences. It also provides assistance and collaborates with other schools of the university and other related organizations for applied AI work. MIRC facilitates the heavy and parallel computing for other fields like fluid dynamics, virtual reality, and simulation for aerodynamics. The centre is utilized by students of doctoral studies, post and under graduate, along with faculty members. Over the coming few years, the centre is expected to be strengthened with increased computational capacities and other infrastructure.

- **Centre of Alternative Energy Research (CAER)**

Providing safe, widespread, and equitable access to sustainable energy is one of the key challenges of our time. Centre for Alternate Energy Research (CAER) UPES, hosts world-leading researchers who see this challenge as an opportunity to help future generations inherit a better world. Our interdisciplinary program brings together innovators from many departments, including the School of Applied Science, School of Engineering, School of Health Sciences and School of Business.

Work is in progress on different alternative energy resources using advanced technology. Current efforts include biofuel production from agricultural waste and forest , biomass by thermal and biological routes, plastic waste to energy and other value-added products and microalgae biofuels.

CAER actively seek National and Global collaboration with industry, academia and all levels of government and private bodies.

List of equipment at CAER

Solar Thermal Pyrolysis Reactor (15 Kg/Batch)	Pour And Cloud Point Apparatus
Digital Pyrolysis Reactor (100 G/Batch)	Bomb Calorimeter
Digital Pyrolysis Reactor (50 Kg/Batch)	Gas Chromatograph With TCD And FID
Municipal Solid Waste Segregator	Hot Air Oven
Plastic Shredder Machine	Muffle Furnace
Floating Type Biogas Production Plant (6 M ³ /Day)	Vacuum Oven
Floating Type Biogas Production Plant With Biogas Engine Set Up (80 M ³ /Day)	Weighing Machine (100 Kg)
CSTR Biogas Plant (40 M ³ /Day)	Weighing Machine (0.001 G)
Gasification Reactor (Downdraft Gasifier, 20 Kg/Batch)	Ultrasonic Interferometer
Briquetting Machine	Hot Plate Magnetic Stirrer
Screw Press Expeller	Heating Mantle
Lab Scale Biodiesel Reactor (1L/Batch)	Solar Cooker
Biodiesel Reactor (5L/Batch)	Chirpine Grinder
Biodiesel Production Plant (100L/Batch)	Refrigerator
Fermenter	Centrifuge
Algae Photo Bioreactor	Scheffler Dish
Open Raceway Ponds	Fuel Combustion and Emissions Analysis Set Up
Soxhlet Extraction Unit	Distillation Assembly
Hydrothermal Liquefaction Reactor	Fixed Bed Reactor (Gas To Liquid Production Technology)
Viscometer	Multi Fuel Cooking Stove (NEELAM Cooking Stove)
Density Meter	

Waste Paper Recycling Laboratory

Primarily focus of this Research Laboratory is on waste paper recycling. The rationale of this focus stems mainly from the fact that the world consumption of paper products is massive and therefore the DISPOSAL problems are enormous; traditionally involving either incineration or landfill.

Our basic idea was to bring a balance between the environment and the use of technology for the economic independence of rural women. This project aimed to help rural women from the indigenous community to earn a fair wage by teaching them how to make high-quality goods using waste paper viz paper pencils, jewellery, stationery items etc.

In a lab we have a set of six machines is required (Figure 1). Rolling Machine, oven, cutting machine, abrading machine and coating machine.



Cost: The cost of machines is around 9.5 lakhs [Including about 50kgs of gum and 10 cartons [3500 of HB lead per carton].

• Medicinal Plant and Aromatic Plant (MAP) Lab

The Medicinal and Aromatic Plant Laboratory is developed under DST funded project *Rural Women Technology Park of UPES, (2015-2018)* SEED Division DST, GoI. The objective of the lab is to do Extraction of essential oil of medicinal and aromatic plants and to conduct comparative study of yield of essential oil from different land pattern.

Under this Lab the primary screening of natural compounds from medicinal and aromatic plant is carried out. MAP Lab facilitates the antimicrobial, antifungal, and antibacterial studies of extraction of MAP species. The Lab is equipped with Soxhlet assembly, Rotameters, Clevenger unit and Steam distillation (Autoclave) unit, soil and water testing kits which are used for the extraction of essential oil of Lemongrass, Stevia, Tulsi and Chamomile.

The University has also established polyhouse and nurseries for the cultivation of medicinal and aromatic plants. Under this project, we give training and technical backup support to rural women farmers for the cultivate medicinal and aromatic plant species like Tulsi, Chamomile, Lemongrass and Stevia in nearby villages i.e. Than Goan, Birsani, Doonga and Masraajpatti.

List of equipment at MAP

Clevenger Apparatus	Digital pH meter Water
Soxhlet Assembly	Bath Digital
Steam Distillation Unit (Autoclave)	Desiccator
Rota Vapour	Weighing Balance
Portable Water Testing and Soil Testing Kit	Poly House
Digital Heat Mantle	

Name of Medicinal and Aromatic plants available in Poly house

S. No.	Common Name	Botanical Name
1.	Kachnar	Bauhinia Variegata
2.	Reetha	Sapindus Mukorossi
3.	Arjun	Terminalia Arjuna
4.	Sarpgandha	Rauvolfia Serpentine
5.	Aloe vera	Aloe Barbadensis
6.	Giloy	Tinospora Cordifolia
7.	Ambahaldi	Curcuma Longa
8.	Chitrak	Plumbago Zeylanicum
9.	Japanese mint	Mentha Arvensis
10.	Touch-me-not	Mimosa Pudica
11.	Castor plant	Ricinus Communis
12.	Kasni	Cichorium Intybus
13.	Bhanjir	Perilla Frutescens
14.	Baheda	Terminalia Bellirica
15.	Harad	Terminalia Chebula
16.	Amla	Phyllanthus Emblica
17.	Shatawar	Asparagus Racemosus
18.	Kalihari	Gloriosa Superba
19.	Brahmi	Bacopa Monnieri
20.	Aprajita	Clitoria Ternatea
21.	Lemongrass	Cymbopogon Citratus
22.	Stevia	Stevia Rebaudiana
23.	Tulsi	Ocimum Sanctum
24.	Insulin patra	Costus Igneus
25.	Pippali	Piper Longum

• Speech and Language Research Centre (SLRC)

The objective of Centre of Excellence in Speech and Language Research Centre (SLRC) is to undertake theoretical and empirical research into the rich and complex structure of physiological, social and development variation. Our lab efforts are to root a community based solution by improving language understanding and developing target intervention for their speech and language weaknesses. Through our research we want to cater families, educators, community people and policy makers so that they can recognize their role and responsibilities in facilitating of speech, or language development.

PROJECTS (FUNDED, CONSULTANCY etc.)

FUNDED PROJECTS

School	Title	Funding Agency	Team	Date of Sanction	Duration	Cost(INR)	Status
SOB	For Setting Up Inclusive Technology Business Incubator (I-TBI) At University of Petroleum And Energy Studies - Dehradun	DST-NIDHI i-TBI	Ram Sharma	10-Jun-22	3 years	5,00,00,000	Ongoing
SOB	Communicable Disease Prevention and Control Demonstration Workshops with Special Focus on Covid - 19 For Students in Schools of Dehradun District in Uttarakhand	DST	Atri Nautiyal, Bhartendu Kumar Chaturvedi	3-Sept-21	1 year	13,06,800	Ongoing
SOE	NSS Uttarakhand	Uttarakhand NSS	Shailey Singhal	9-Feb-22	1 year	1,78,125	Completed
SOE	Engineering and Fundamental Aspects of Interfacial Dzyaloshinski-Moriya Interaction in Heavy Metal/ Ferromagnet Multilayers	UGC - DAE	Srathlal KV	30-Mar-22	3 years	2,43,240	Ongoing
SOE	Upgrading Bio-Oil Produced from Waste Biomass Using Nanocatalyst	UGC - DAE	Leena Kapoor	30-Mar-22	3 years	45,000	Ongoing
SOE	Designing Piezoelectric Mechanical Energy Harvesters Based on Polymer-Biowaste Hybrids for Self-Powered Biomedical & Next-Generation Electronics Applications	UGC - DAE	Parswajit Kalita	30-Mar-22	3 years	45,000	Ongoing
SOE	Prediction of Hydrogen Atom Position in Metal Carbonate Hydroxide Hydrate Based Materials, Using Neutron Diffraction for Energy Storage Applications	UGC - DAE	Prateek Bhojane	30-Mar-22	3 years	45,000	Ongoing

School	Title	Funding Agency	Team	Date of Sanction	Duration	Cost(INR)	Status
SOE	Investigation of Interaction of Hydrogen with Pd-Ag and Pd-Go Alloy Thin Films for Hydrogen Sensing and Storage Applications	UGC - DAE	Shikha Wadhwa	30-Mar-22	3 years	45,000	Ongoing
SOE	Study of Phase Transformation Processes in Thin Films	UGC - DAE	Santosh Dubey	30-Mar-22	3 years	45,000	Ongoing
SOE	Development of Neural Network Models by Innovatively Expanding Conventional Wbe Dataset for The Monitoring of Variability Of Covid-19, Variants of Sars-Cov-2, and Antidrug Resistance in Four Major Cities of India	DST-SERB	Manish Kumar	25-May-22	3 years	17,50,000	Ongoing
SOE	Water Quality Assessment of River Yamuna, Uttarakhand and its Exposure Assessment With Respect to Water Borne Diseases Among the Nearby Community of Rivers	UCOST	Madhuben Sharma, Amit Awasthi	1-Jun-22	2 years	5,12,800	Ongoing
SOE	Photo Assisted Oxidation of Organic Substrates Using Ru-Fe Based Bimolecular Chromophore/Catalyst System	USERC	Amit Kumar, Sushil Kumar	21-Jun-22	1 year	80,000	Ongoing
SOE	Vacuum Photodiode Detectors for Broadband Vacuum Ultraviolet Detection in Aditiya-U Tokamak	DAE-BRNS	Prashant Rawat	15-Jun-22	2 years	16,22,600	Ongoing
SOE	Self Respirable Carbon Fiber Reinforced Vitrimeric Composites for Aerospace Applications	SERB	S. Rana	7-Dec-21	3 years	24,31,240	Ongoing
SOE	In-Situ Immobilization of Dissolved Metals (Arsenic And Chromium) by Manipulating Redox Condition of the Impacted Aquifers by Injecting Suitable Amendments	DST-SERB	Manish Kumar	29-Jan-22	3 years	7,03,901	Ongoing (Transferred To Upes In 2021)
SOE	FIST Program	DST-FIST	Sushabhan Choudhury, N. B. Soni, R.Gowri	3-Feb-22	5 years	1,17,00,000	Ongoing
SOE	Molecular Toolkit For N-Acetylgalactosaminyltransferases (Galnac-Ts) Inactivation	SERB - TARE	Parteek Prasher	2-Dec-21	3 years	18,30,000	Ongoing

School	Title	Funding Agency	Team	Date of Sanction	Duration	Cost(INR)	Status
SOE	Investigation of Radiation Damage in Wc Nanostructures Using Ion Beams for Fusion Reactor Applications	DAE-BRNS	Ratnesh K. Pandey	9-Nov-21	3 years	33,66,350	Ongoing
SOE	Early Science Technology Engineering Education and Mathematics, Esteem of India Research Center	AICTE & Ministry of Education	Ashish Karn, Pankaj Badoni	26-Mar-22	2 years	30,00,000	Ongoing
SOHST	Anti-Glycating Dj-1 in Human Lenses: Implications in Onset of Presbyopia and Cataract	SERB	Sandip Kumar Nandi	10-Nov-21	2 year	20,00,000	Ongoing
SOHST	Rational Design, Synthesis and Biological Evaluation of Novel Substituted Benzo[D] Imidazo [2,1-B] Thiazole Derivatives as Antimycobacterial Agents Targeting the Mycobacterial Oxidative Phosphorylation Pathway	SERB	Kuldeep Kumar Roy	10-Nov-21	3 years	15,00,000	Ongoing
SOHST	Exploit the Molecular Mechanisms of Nuclear Lipid Homeostasis as Novel Drug Targets Against Leishmania Donovanii	SERB	Koushik Das	11-Nov-21	3 years	27,10,400	Ongoing
SOHST	Development and Characterization of Casein Nanomicelles with Palmitoyl Groups for Drug Delivery Applications	SERB - TARE	Manish Gupta	2-Dec-21	3 years	18,30,000	Closed (Amonut Refunded To Agency)
SOL	Nyay Bandhu (Pro Bono Legal Services) Program of Ministry of Law And Justice- Implementation of Pro Bono Club Scheme In School of Law UPES	Department of Justice Ministry of Law & Justice	Mayank Mishra	14-Mar-22	1 year	1,00,000	Ongoing
SOCS	Establishment of Community Covid Resilience Resource Centre (CCRRC) in Doiwala Block, Vikasnagar Block and Sahaspur Block, Dehradun District of Uttarakhand State	DST	Neelu J. Ahuja, Jyoti Upadhyay, Rajeev Tiwari, Ankit Vishnoi	17-Mar-22	3 years	18,30,440	Ongoing

CONSULTANCY

School	Title	Funding Agency	Team	Date of Sanction	Duration	Cost(INR)
SOE	Geological Studies Along the Proposed New DFC Corridors (East Coast, East-West and North-South Corridors)	AArvee Associates	Uday Bhan and Somenath Ganguly	21-Feb-22	120 days	1,50,000/-
SOE	Feasibility Study for FIFA Proposed Infrastructure (Stadium/ Technical Centre-Anfa), Pokhara, Nepal	Fédération Internationale de Football Association (FIFA), Zurich	Geetanjli Rani	31-Apr-21	6 months	18,00,000/-
SOCS	Consultancy Training	DataCouch	Ravi Tomar	1-Apr-22	18	72,000/-
SOHST	Exploration of Himalayan Hot Springs for Microbes with Biohydrogen Production Capabilities in the Area of Haridwar, Rishikesh and Dehradun Cities	Oil India Limited	Raj Kumar Tiwari	5-Mar-22	2 years	13,65,000/-
SOE	R&D Nanotized Fragrance (4x) - Advance	Prakhoj Pvt Ltd	Shikha Wadhwa	16-Mar-22	180 days	1,73,000/-
SOE	Conducting of Forest Survey Exercise of IFS Probationers.	Forest Research Institute (FRI), Dehradun	Mopidevi Vijai Kishore	23-Mar-22	3	1,29,800/-

PATENTS

S. No.	Inventors	Application Number	Title	Date of Filing	Date of Publication	Status
1	Himanshu Sahu, Kiran Kumar Ravulakollu	202111030902	System for Automated Traffic Rules Violation Detection and Reporting for Emergency Vehicles	9-Jul-21	30-Jul-21	Published
2	Koushik Ghosh, Sugandha Sharma, Shweta Mongia, Paras Adlakha	202111030903	An Independent Hybrid Tri Mode System for Vehicle Using Green Energy with Seamless Automated Transfer Capability between Modes	10-Jul-21	30-Jul-21	Published
3	Virender Kadyan, T P Singh, Anirudh Aggarwal, Pulkit Sharma	202111030918	An Apparatus for Generation of Alarm and Detection of Face in Breakage of Social Distancing Therefore	12-Jul-21	30-Jul-21	Published
4	Neelu Jyothi Ahuja, Sarthika Dutt, Monika Thapliyal, Akanksha Bisht	202111032732	Language Disorder Identification and Training System	21-Jul-21	10-Sept-21	Published
5	Nitika Goenka, Monit Kapoor	202111033597	Travel Route Condition Mapping System	26-Jul-21	10-Sept-21	Published

S. No.	Inventors	Application Number	Title	Date of Filing	Date of Publication	Status
6	Anshumaan Pathak, Satyam Raj, Surajit Mondal, Sushabhan Choudhury, Amarnath Bose	202111033598	Smart Wearable Device	26-Jul-21	10-Sept-21	Published
7	Hitesh Kumar Sharma, Kshitiz Saini, Divya Bansal	202111034326	Contact Tracing Based Disease Transmission Prevention System	30-Jul-21	10-Sept-21	Published
8	Arpit Jain, Garvit Khurana, Vinay Chowdary, Abhinav Sharma	202111034275	A System for Face Mask Detection and Monitoring Using Deep Learning	30-Jul-21	27-Aug-21	Published
9	Anirban Choudhury, Sushabhan Choudhury, Shubham, Siddharth Srivastava, Sourabh Thakur, Kartik Vats	202111034274	An Alert Generating Automatic Medicine Box Using IoT	30-Jul-21	27-Aug-21	Published
10	Kiran Kumar Ravulakollu, Abhiram Varanasi, Omar Ansari, Hrishabh Punetha, Harsh Bhardwaj	202111034273	A Method for Occupancy-Based Device Usage and Thereby Optimization in Appliance Utilization in Smart Rooms	30-Jul-21	27-Aug-21	Published
11	Himanshu Sahu	202111034272	Smart Innovative Protective Mask with BLE Enable Communication	30-Jul-21	27-Aug-21	Published
12	Anirban Choudhury, Sushabhan Choudhury, Shubham, Himangshu Sharma, Hardik Chaurasia	202111034271	An IoT Based Smart Voting System for Feedback of Brands	30-Jul-21	27-Aug-21	Published
13	Ankit Dasgotra, Vishal Kumar Singh, Nidhi Singh, Surajit Mondal, S. M. Tauseef, Ravi Kumar Patel	202111030604	Hygienic Medical Waste Management Device	7-Aug-21	20-Aug-21	Published
14	Deepak Kumar, Subhansu Sourav Priyadarshan, Yash Pratap Singh, Ankur Kohli, Aayush Vats, Ajay Kumar	202111030601	Fire Fighting Evacuation System	7-Aug-21	20-Aug-21	Published
15	Shubhi Sharma, Neel Adwani, Gauraang Sharma	202111030733	Aerial Healthcare Management Device	7-Aug-21	20-Aug-21	Published
16	Hitesh Kumar Sharma, Kshitiz Saini, Sarthak Jain, Divya Bansal	202111030600	Wearable Health Management System	7-Aug-21	20-Aug-21	Published
17	Hitesh Kumar Sharma, Yashovardhan Singh Shaktawat, Arjun Grover	202111030602	Disease Control and Public Health Management System	7-Aug-21	20-Aug-21	Published
18	Deepak Kumar, Ankur Kohli, Aayush Vats, Ajay Kumar	202111030603	Pandemic Based Secure Patrolling System	7-Aug-21	20-Aug-21	Published

S. No.	Inventors	Application Number	Title	Date of Filing	Date of Publication	Status
19	Dharmendra Kumar Gupta, Atharv Gupta	202111030732	Reusable Respiratory Assistive Apparatus	7-Aug-21	20-Aug-21	Published
20	Rahul Nijhawan, Sharik Kunwar	202111030673	A System of Stand-alone Electronically Temperature Controlled Utensils	7-Aug-21	30-Jul-21	Published
21	Anurag Jain, Shamik Tiwari	202111030670	An IoT Based Three-Phase Non-Invasive and Secure Covid-19 Diagnosis System	7-Aug-21	30-Jul-21	Published
22	Anurag Jain, Shamik Tiwari	202111030669	A Three-Phase Non-Invasive and Secure Covid-19 Diagnosis System	7-Aug-21	30-Jul-21	Published
23	Amit Kumar, Shailey Singhal, R P Badoni, Shilpi Agarwal, Priyanka	202111036563	Solid Acid Catalyst for Isomerization of C6 Alkanes and its Process of Preparation Thereof	12-Aug-21	24-Sept-21	Published
24	Rohit Tanwar, Rajesh Kumar Popli, Rashmi Popli	202111037448	A Self-Healing Method of an Object in a Script and a System Thereof	18-Aug-21	15-Oct-21	Published
25	Bikarama Prasad Yadav, S M Tauseef, N A Siddiqui, Abhishek Nandan, Prasenjit Mondal, Vaagish Sharma, Nakul Sharma, Akshay Nair	202111039447	Fire Resistant Coating Composition and Method of Preparation Thereof	31-Aug-21	10-Sept-21	Published
26	Deepak Kumar, Harshit Goel, Ridima Gangrade, Shivam Agrawal, Ankur Kohli, Ajay Kumar	202111039449	Automated Pest Control System	31-Aug-21	10-Sept-21	Published
27	Deepak Kumar, Tejveer Singh, Anshul Bansal, Sandeep Mishra	202111039448	Transmission System for Vehicles	31-Aug-21	10-Sept-21	Published
28	Sachi Choudhary, Neel Adwani, Prashant Shukla, Rashmi Sharma	202111039747	System and Method for Contact Less Disinfection of Public Places	2-Sept-21	24-Sept-21	Published
29	Gourav Bathla, Pardeep Singh, Rahul Kumar Singh, Rajeev Tiwari	202111040558	MOOC Video Segment Recommendation	7-Sept-21	24-Sept-21	Published
30	Gunjan Chhabra, Shailendra Sharma, Srinjoy Das, Shefali Singh	202111041521	A Method for Identifying One or More Missing Persons and a System Thereof	15-Sept-21	1-Oct-21	Published
31	Santosh Kumar Kurre, Jitendra Yadav, Sharad Walia, Sumit Arya	202111042478	A Device for Generating Voltage Via Footsteps	20-Sept-21	10-Dec-21	Published

S. No.	Inventors	Application Number	Title	Date of Filing	Date of Publication	Status
32	Vinay Chowdary, Abhinav Sharma, Rupendra Kumar Pachauri	202111046992	An Authorization-Based Multi-Positioning Smartdoor	14-Oct-21	10-Dec-21	Published
33	Prasenjit Mondal, Abhishek Nandan, B.P. Yadav, N.A. Siddiqui, Akshi K. Singh, Makrand Mishra, Md. Adnan	202111048907	Cooling Apparatus Based on Peltier Effect.	26-Oct-21	10-Dec-21	Published
34	Ramesh Kumar, Hitesh Dhawan, Vipul Mani	202111050371	A Sounding Rocket and A Method for Recovering the Same	11- Nov-21	10-Dec-21	Published
35	Anirban Choudhury, Sushabhan Choudhury, Vertika Saxena, Shubham	202111057185	An Interactive Product Display Unit	8-Dec-21	31-Dec-21	Published
36	Deepak Kumar, Ankur Kohli, Shivam Agrawal, Ridima Gangrade, Harshit Goel, Dr. Ajay Kumar, Bhupendra Singh	202111057184	System of Automated Face Mask & Helmet Detection and Sterilisation of ATM Kiosk	8-Dec-21	31-Dec-21	Published
37	Nitika Goenka	202111057548	A Method for Identifying User Engagement in Online Activity and A System Thereof	10-Dec-21	11-Feb-22	Published
38	Deepak Kumar, Shivam Agrawal, Ridima Gangrade, Harshit Goel, Ankur Kohli, Ajay Kumar	202111058894	An Automatic Disinfecting System for an Enclosed Area and Method Thereof	17-Dec-21	7-Jan-22	Published
29	Nitika Goenka	202111059640	A Method For Recommending Media Files for Inserting into a Video and a System Thereof	21-Dec-21	11-Feb-22	Published
40	Ajay Prasad, Kaushik Ghosh	202111061362	An IoT Based Automated Tyre Theft Alarm System for Vehicles	28-Dec-21	7-Jan-22	Published
41	Suwendu Manna, Ravi Kumar Patel, Amit Kumar Sharma	202111061361	A Process of Water Filtration Using of Nanoabsorbents Loaded Porous Clay-Pot Filters	28-Dec-21	7-Jan-22	Published
42	Jimmy Mangalam, Ashish Mathur, Santosh Dubey	202111061618	Breath Analysis Device	29-Dec-21	13-Jan-22	Published
43	Deepak Kumar, Ridima Gangrade, Shivam Agrawal, Harshit Goel, Ajay Kumar, Ankur Kohli	202111061617	Cost Estimation System for Agricultural Yields	29-Dec-21	13-Jan-22	Published

S. No.	Inventors	Application Number	Title	Date of Filing	Date of Publication	Status
44	Tanmay Bhattachary A, V Venkata Krishnakanth	202111061756	Hydro-Conductive Grounder	30-Dec-21	7-Jan-22	Published
45	Nikhil Raj, Surya Baharat Achalla, Karthi Mohan, Abhishek Sharma, Jitendra K Pandey, Surajit Mondal	202111061757	A Smart Switching System for Plug-In Hybrid Vehicles	30-Dec-21	7-Jan-22	Published
46	Ajay Prasad, Kaushik Ghosh	202211003253	An Automated Wheel-Theft Alarm System for Vehicle	20-Jan-22	11-Feb-22	Published
47	Nitika Goenka, Shamik Tiwari	202211004655	A System for Developing Alzheimer Detection Tool Using Multimodality Neuroimaging Biomarkers	28-Jan-22	11-Feb-22	Published
48	Ashish Mathur, Souradeep Roy, Akash Bihari Pati	202211005581	A Method to Develop an Electroanalytical Biosensor for Acetylcholine Detection.	2-Feb-22	18-Feb-22	Published
49	Sunil Gupta	202211009843	Active Warning and Safety System for Two Wheelers	24-Feb-22	4-Mar-22	Published
50	Prakhar Prakash Singh, Prateek Singh Kushwaha, Vinay Chowdary, Abhinav Sharma	202211009845	Automatic Speed Control System for Vehicles	24-Feb-22	4-Mar-22	Published
51	Ashish Karn, Aditya Kataria, Mridula Gupta, Supramit Basu, Ritvik Anand	202211009844	Variable Vortex Smoke Ring Dispensing Device	24-Feb-22	4-Mar-22	Published
52	Anirban Chowdhury	202211011777	A System for a Telemedicine Application Based on AI to Anticipate Covid 19	4-Mar-22	-	Application Ready for Publication
53	Neel Adwani, Amit Verma	202211013016	System and Method for Controlling Flying Insects	10-Mar-22	-	Provisional Specification Filed Waiting for Complete Specification
54	Nitika Goenka, Ankit Goenka	202211015679	A Method for Real Time Trivia Generation	22-Mar-22	20-May-22	Published
55	Nitika Goenka, Ankit Goenka	202211017785	A Safety Alert System for Vehicles	28-Mar-22	1-Apr-22	Published
56	N. A. Siddiqui, S. M. Tauseef, Prasenjit Mondal, Abhishek Nandan, B. P. Yadav	202211024768	Apparatus for Uniform Distribution of Harvested Rainwater	27-Apr-22	6-May-22	Published

S. No.	Inventors	Application Number	Title	Date of Filing	Date of Publication	Status
57	Nitika Goenka	202211025179	A System for Cognitive Behavioral Therapy Via Automated Chatting	29-Apr-22	6-May-22	Published
58	Khushi Yarlagadda, Dhruv Chakravarty Nath and Surajit Mondal	202211030915	Adaptable Reclining Device	30-May-22	3-Jun-22	Published
59	Surajit Mondal, Kota Krishna Koundinya and Amit Kumar Sharma	202211030916	Co-Generative Stirling Engine	30-May-22	3-Jun-22	Published
60	Rashmi Sharma, Tapan Pancholi	202211032580	A Three in one Rotatory Drum Based Integrated Device for Disinfectant and Sanitization Using UV, OZO	7-Jun-22	17-Jun-22	Published
61	Khushi Yarlagadda, Dhruv Chakravarty Nath, Vikas Thapa and Surajit Mondal.	202211035766	Strapless Respirator Device for Protection Against Pollution and Airborne Diseases	22-Jun-22	1-Jul-22	Published
62	Rohit Sharma, Bhavna Lamba	202211036387	Multisubstrate Based Recyclable Process for Improved Biogas Production from Biodegradable Materials	24-Jun-22	8-Jul-22	Published
63	Sankari Hazarika, Annapurna Boruah	202211005328	A Device for Real-Time Monitoring of Hydraulic Fracturing	1-Feb-22	11-Feb-22	Published

RESEARCH PUBLICATIONS

S. No.	Authors	Title	Source Title	DOI	ISSN
1	Thakur S., Verma A., Kumar V., Jin Yang X., Krishnamurthy S., Coulon F., Thakur V.K.	Cellulosic Biomass-Based Sustainable Hydrogels for Wastewater Remediation: Chemistry and Prospective	Fuel	10.1016/j.fuel.2021.122114	162361
2	Sharma S., Dutta V., Raizada P., Kumar Thakur V., Saini A.K., Mittal D., Nguyen V.-H., Ahamad T., Chien Nguyen C., Young Kim S., Le Q.V., Singh P.	Synergistic Photocatalytic Dye Mitigation and Bacterial Disinfection Using Carbon Quantum Dots Decorated Dual Z-Scheme Manganese Indium Sulfide/Cuprous Oxide/Silver Oxide Heterojunction	Materials Letters	10.1016/j.matlet.2022.131716	0167577X
3	Han N., Shen Z., Zhao X., Chen R., Thakur V.K.	Perovskite Oxides for Oxygen Transport: Chemistry and Material Horizons	Science of The Total Environment	10.1016/j.scitotenv.2021.151213	489697

S. No.	Authors	Title	Source Title	DOI	ISSN
4	Bhalla K., Koundal D., Bhatia S., Rahmani M.K.I., Tahir M.	Fusion of Infrared and Visible Images Using Fuzzy Based Siamese Convolutional Network	Computers, Materials and Continua	10.32604/cmc.2022.021125	15462218
5	Chen W.H., Hoang A.T., Nizetić S., Pandey A., Cheng C.K., Luque R., Ong H.C., Thomas S., Nguyen X.P.	Biomass-Derived Biochar: from Production to Application in Removing Heavy Metal Contaminated Water	Process Safety and Environmental Protection	10.1016/j.psep.2022.02.061	9575820
6	Zahid M., Savla N., Pandit S., Thakur V.K., Jung S.P., Gupta P.K., Prasad R., Marsili E.	Microbial Desalination Cell: Desalination Through Conserving Energy	Desalination	10.1016/j.desal.2021.115381	119164
7	Awasthi S.K., Kumar M., Sarsaiya S., Ahluwalia V., Chen H., Kaur G., Sirohi R., Sindhu R., Binod P., Pandey A., Rathour R., Kumar S., Singh L., Zhang Z., Taherzadeh M.J., Awasthi M.K.	Multi-Criteria Research Lines on Livestock Manure Biorefinery Development Towards A Circular Economy: From the Perspective of A Life Cycle Assessment and Business Models Strategies	Journal of Cleaner Production	10.1016/j.jclepro.2022.130862	9596526
8	Tanveer M., Khan A.U., Kumar N., Hassan M.M.	RAMP-IoD: A Robust Authenticated Key Management Protocol for the Internet of Drones	IEEE Internet of Things Journal	10.1109/JIOT.2021.3084946	23274662
9	Jain S., Yadav Lamba B., Kumar S., Singh D.	Strategy for Repurposing of Disposed PPE Kits by Production of Biofuel: Pressing Priority Amidst Covid-19 Pandemic	Biofuels	10.1080/17597269.2020.1797350	17597269
10	Hoang A.T., Sirohi R., Pandey A., Nizetić S., Lam S.S., Chen W.-H., Luque R., Thomas S., Arıcı M., Pham V.V.	Biofuel Production from Microalgae: Challenges and Chances	Phytochemistry Reviews	10.1007/s11101-022-09819-y	15687767
11	Das P., Dutta T., Manna S., Loganathan S., Basak P.	Facile Green Synthesis of Non-Genotoxic, Non-Hemolytic Organometallic Silver Nanoparticles Using Extract of Crushed, Wasted, and Spent Humulus Lupulus (Hops): Characterization, Anti-Bacterial, and Anti-Cancer Studies	Environmental Research	10.1016/j.envres.2021.111962	139351
12	Thakur S., Chaudhary J., Singh P., Alsanie W.F., Grammatikos S.A., Thakur V.K.	Synthesis of Bio-Based Monomers and Polymers Using Microbes for A Sustainable Bioeconomy	Bioresource Technology	10.1016/j.biortech.2021.126156	9608524

S. No.	Authors	Title	Source Title	DOI	ISSN
13	Gupta V., Sharma M., Pachauri R., Babu K.N.D.	Impact of Hailstorm on the Performance of Pv Module: A Review	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2019.1648597	15567036
14	Thakur S., Verma A., Raizada P., Gunduz O., Janas D., Alsanie W.F., Scarpa F., Thakur V.K.	Bentonite-Based Sodium Alginate/ Dextrin Cross-Linked Poly (Acrylic Acid) Hydrogel Nanohybrids for Facile Removal of Paraquat Herbicide from Aqueous Solutions	Chemosphere	10.1016/j.chemosphere.2021.133002	456535
15	Behl T., Kaur I., Sehgal A., Singh S., Sharma N., Bhatia S., Al-Harrasi A., Bungau S.	The Dichotomy of Nanotechnology as the Cutting Edge of Agriculture: Nano-Farming as An Asset Versus Nanotoxicity	Chemosphere	10.1016/j.chemosphere.2021.132533	456535
16	Giri D.D., Alhazmi A., Mohammad A., Haque S., Srivastava N., Thakur V.K., Gupta V.K., Pal D.B.	Lead Removal from Synthetic Wastewater by Biosorbents Prepared from Seeds of Artocarpus Heterophyllus and Syzygium Cumini	Chemosphere	10.1016/j.chemosphere.2021.132016	456535
17	Chaudhary V., Ashraf N., Khalid M., Walvekar R., Yang Y., Kaushik A., Mishra Y.K.	Emergence of Mxene-Polymer Hybrid Nanocomposites as High-Performance Next-Generation Chemiresistors for Efficient Air Quality Monitoring	Advanced Functional Materials	10.1002/adfm.202112913	1616301X
18	Kumar R., Thakur A.K., Chaudhari P., Banerjee N.	Particle Size Reduction Techniques of Pharmaceutical Compounds for the Enhancement of their Dissolution Rate and Bioavailability	Journal of Pharmaceutical Innovation	10.1007/s12247-020-09530-5	18725120
19	Verma A., Bhattacharya P., Zuhair M., Tanwar S., Kumar N.	VaCoChain: Blockchain-Based 5G-Assisted UAV Vaccine Distribution Scheme for Future Pandemics	IEEE Journal of Biomedical and Health Informatics	10.1109/JBHI.2021.3103404	21682194
20	Patwardhan S.B., Pandit S., Kumar Gupta P., Kumar Jha N., Rawat J., Joshi H.C., Priya K., Gupta M., Lahiri D., Nag M., Kumar Thakur V., Kumar Kesari K.	Recent Advances in the Application of Biochar in Microbial Electrochemical Cells	Fuel	10.1016/j.fuel.2021.122501	162361
21	Walia V., Kaushik D., Mittal V., Kumar K., Verma R., Parashar J., Akter R., Rahman M.H., Bhatia S., Al-Harrasi A., Karthika C., Bhattacharya T., Chopra H., Ashraf G.M.	Delineation of Neuro Protective Effects and Possible Benefits of Antioxidants therapy for the Treatment of Alzheimer's Diseases by Targeting Mitochondrial-Derived Reactive Oxygen Species: Bench to Bedside	Molecular Neurobiology	10.1007/s12035-021-02617-1	8937648

S. No.	Authors	Title	Source Title	DOI	ISSN
22	Gill S.S., Kumar A., Singh H., Singh M., Kaur K., Usman M., Buyya R.	Quantum Computing: A Taxonomy, Systematic Review & Future Directions	Software - Practice And Experience	10.1002/spe.3039	380644
23	Kokulnathan T., Vishnuraj R., Chen S.M., Pullithadathil B., Ahmed F., Hasan P.M.Z., Bilgrami A.L., Kumar S.	Tailored Construction of One-Dimensional Tio ₂ /Au Nanofibers: Validation of an Analytical Assay for Detection of Diphenylamine in Food Samples	Food Chemistry	10.1016/j.foodchem.2022.132052	3088146
24	Tanwar S., Popat A., Bhattacharya P., Gupta R., Kumar N.	A Taxonomy of Energy Optimization Techniques for Smart Cities: Architecture and Future Directions	Expert Systems	10.1111/exsy.12703	2664720
25	Ding S., Xiang Y., Ni Y.Q., Thakur V.K., Wang X., Han B., Ou J.	In-Situ Synthesizing Carbon Nanotubes on Cement to Develop Self-Sensing Cementitious Composites for Smart High-Speed Rail Infrastructures	Nano Today	10.1016/j.nano.2022.101438	17480132
26	Pradhan N.R., Singh A.P., Kumar N., Hassan M.M., Roy D.S.	A Flexible Permission Ascription (FPA)-Based Blockchain Framework for Peer-to-Peer Energy Trading with Performance Evaluation	IEEE Transactions on Industrial Informatics	10.1109/TII.2021.3096832	15513203
27	Taneja A., Rani S., Alhudhaif A., Koundal D., Gündüz E.S.	An Optimized Scheme for Energy Efficient Wireless Communication Via Intelligent Reflecting Surfaces	Expert Systems with Applications	10.1016/j.eswa.2021.116106	9574174
28	Rana T., Behl T., Sehgal A., Singh S., Sharma N., Abdeen A., Ibrahim S.F., Mani V., Iqbal M.S., Bhatia S., Abdel Daim M.M., Bungau S.	Exploring the Role of Neuropeptides in Depression And Anxiety	Progress in Neuro-Psychopharmacology and Biological Psychiatry	10.1016/j.pnpbp.2021.110478	2785846
29	Garg R., Kumar A., Prateek M., Pandey K., Kumar S.	Land Cover Classification of Spaceborne Multifrequency Sar and Optical Multispectral Data Using Machine Learning	Advances in Space Research	10.1016/j.asr.2021.06.028	2731177
30	Kumar Pachauri R., Thanikanti S.B., Bai J., Kumar Yadav V., Aljafari B., Ghosh S., Haes Alhelou H.	Ancient Chinese Magic Square-Based Pv Array Reconfiguration Methodology to Reduce Power Loss under Partial Shading Conditions	Energy Conversion and Management	10.1016/j.enconman.2021.115148	1968904
31	Behl T., Rana T., Alotaibi G.H., Shamsuzzaman M., Naqvi M., Sehgal A., Singh S., Sharma N., Almoshari Y., Abdellatif A.A.H., Iqbal M.S., Bhatia S., Al-Harrasi A., Bungau S.	Polyphenols Inhibiting Mapk Signalling Pathway Mediated Oxidative Stress and Inflammation in Depression	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2021.112545	7533322

S. No.	Authors	Title	Source Title	DOI	ISSN
32	Ashrafizadeh M., Saebfar H., Gholami M.H., Hushmandi K., Zabolian A., Bikarannejad P., Hashemi M., Daneshi S., Mirzaei S., Sharifi E., Kumar A.P., Khan H., Heydari Sheikh Hossein H., Vosough M., Rabiee N., Kumar Thakur V., Makvandi P., Mishra Y.K., Tay F.R., Wang Y., Zarrabi A., Orive G., Mostafavi E.	Doxorubicin-Loaded Graphene Oxide Nanocomposites in Cancer Medicine: Stimuli-Responsive Carriers, Co-Delivery and Suppressing Resistance	Expert Opinion on Drug Delivery	10.1080/17425247.2022.2041598	17425247
33	Shuaib M., Hafizah Hassan N., Usman S., Alam S., Bhatia S., Koundal D., Mashat A., Belay A.	Identity Model for Blockchain-Based Land Registry System: A Comparison	Wireless Communications And Mobile Computing	10.1155/2022/5670714	15308669
34	Zhang P., Hong Y., Kumar N., Alazab M., Alshehri M.D., Jiang C.	BC-EdgeFL: A Defensive Transmission Model Based on Blockchain-Assisted Reinforced Federated Learning In IIoT Environment	IEEE Transactions On Industrial Informatics	10.1109/TII.2021.3116037	15513203
35	Gutiérrez Rodelo C., Salinas R.A., Armenta Jaime Armenta E., Armenta S., Galdámez-Martínez A., Castillo-Blum S.E., Astudillo-de la Vega H., Nirmala Grace A., Aguilar-Salinas C.A., Gutiérrez Rodelo J., Christie G., Alsanie W.F., Santana G., Thakur V.K., Dutt A.	Zinc Associated Nanomaterials and their Intervention in Emerging Respiratory Viruses: Journey to the Field of Biomedicine and Biomaterials	Coordination Chemistry Reviews	10.1016/j.ccr.2021.214402	108545
36	Siwal S.S., Sheoran K., Mishra K., Kaur H., Saini A.K., Saini V., Vo D.-V.N., Nezhad H.Y., Thakur V.K.	Novel Synthesis Methods and Applications of Mxene-Based Nanomaterials (Mbns) for Hazardous Pollutants Degradation: Future Perspectives	Chemosphere	10.1016/j.chemosphere.2022.133542	456535
37	Popov V.V., Kudryavtseva E.V., Katiyar N.K., Shishkin A., Stepanov S.I., Goel S.	Industry 4.0 and Digitalisation in Healthcare	Materials	10.3390/ma15062140	19961944
38	Thakur S., Sharma B., Thakur A., Kumar Gupta V., Alsanie W.F., Makatsoris C., Kumar Thakur V.	Synthesis and Characterisation of Zinc Oxide Modified Biorenewable Polysaccharides Based Sustainable Hydrogel Nanocomposite for Hg ²⁺ Ion Removal: Towards a Circular Bioeconomy	Bioresource Technology	10.1016/j.biortech.2022.126708	9608524
39	Hawi S., Goel S., Kumar V., Pearce O., Ayre W.N., Ivanova E.P.	Critical Review of Nanopillar-Based Mechanobactericidal Systems	ACS Applied Nano Materials	10.1021/acsnano.1c03045	25740970

S. No.	Authors	Title	Source Title	DOI	ISSN
40	Chowdhury S., Shrivastava S., Kakati A., Sangwai J.S.	Comprehensive Review on The Role of Surfactants in The Chemical Enhanced Oil Recovery Process	Industrial and Engineering Chemistry Research	10.1021/acs.iecr.1c03301	8885885
41	Bhojane P.	Recent Advances and Fundamentals of Pseudocapacitors: Materials, Mechanism, and its Understanding	Journal of Energy Storage	10.1016/j.est.2021.103654	2352152X
42	Shen J., Yang H., Vijayakumar P., Kumar N.	A Privacy-Preserving and Untraceable Group Data Sharing Scheme in Cloud Computing	IEEE Transactions on Dependable and Secure Computing	10.1109/TDSC.2021.3050517	15455971
43	Gupta M., Savla N., Pandit C., Pandit S., Gupta P.K., Pant M., Khilari S., Kumar Y., Agarwal D., Nair R.R., Thomas D., Thakur V.K.	Use of Biomass-Derived Biochar in Wastewater Treatment and Power Production: A Promising Solution for a Sustainable Environment	Science of The Total Environment	10.1016/j.scitotenv.2022.153892	489697
44	Patel A.K., Singhanian R.R., Albarico F.P.J.B., Pandey A., Chen C.-W., Dong C.D.	Organic Wastes Bioremediation and its Changing Prospects	Science of The Total Environment	10.1016/j.scitotenv.2022.153889	489697
45	Singh A., Chauhan S., Varjani S., Pandey A., Bhargava P.C.	Integrated Approaches to Mitigate Threats from Emerging Potentially Toxic Elements: A Way Forward for Sustainable Environmental Management	Environmental Research	10.1016/j.envres.2022.112844	139351
46	Kapoor A., Mishra R., Kumar P.	Frequency Selective Surfaces as Spatial Filters: Fundamentals, Analysis and Applications	Alexandria Engineering Journal	10.1016/j.aej.2021.09.046	11100168
47	Chithaluru P., Kumar S., Singh A., Benslimane A., Jangir S.K.	An Energy-Efficient Routing Scheduling Based on Fuzzy Ranking Scheme for Internet of Things	IEEE Internet of Things Journal	10.1109/JIOT.2021.3098430	23274662
48	Soni V., Singh P., Phan Quang H.H., Parwaz Khan A.A., Bajpai A., Van Le Q., Thakur V.K., Thakur S., Nguyen V.H., Raizada P.	Emerging Architecture Titanium Carbide (Ti ₃ C ₂ Tx) MXene Based Photocatalyst Towards Degradation of Hazardous Pollutants: Recent Progress and Perspectives	Chemosphere	10.1016/j.chemosphere.2022.133541	456535
49	Rana A.K., Gupta V.K., Newbold J., Roberts D., Rees R.M., Krishnamurthy S., Thakur V.K.	Sugar Beet Pulp: Resurgence and Trailblazing Journey Towards a Circular Bioeconomy	Fuel	10.1016/j.fuel.2021.122953	162361
50	Lei Y., Vyas S., Gupta S., Shabaz M.	AI Based Study on Product Development and Process Design	International Journal of System Assurance Engineering and Management	10.1007/s13198-021-01404-4	9756809

S. No.	Authors	Title	Source Title	DOI	ISSN
51	Zhang P., Wang C., Kumar N., Liu L.	Space-Air-Ground Integrated Multi-Domain Network Resource Orchestration Based on Virtual Network Architecture: A DRL Method	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2021.3099477	15249050
52	Kumar R., Sudhaik A., Khan A.A.P., Raizada P., Asiri A.M., Mohapatra S., Thakur S., Thakur V.K., Singh P.	Current Status on Designing of Dual Z-Scheme Photocatalysts For Energy and Environmental Applications	Journal of Industrial And Engineering Chemistry	10.1016/j.jiec.2021.11.008	1226086X
53	Kabir M.T., Rahman M.H., Shah M., Jamiruddin M.R., Basak D., Al-Harrasi A., Bhatia S., Ashraf G.M., Najda A., El-kott A.F., Mohamed H.R.H., Al-malky H.S., Germoush M.O., Altyar A.E., Alwafai E.B., Ghaboura N., Abdel-Daim M.M.	Therapeutic Promise of Carotenoids as Antioxidants and Anti-Inflammatory Agents in Neurodegenerative Disorders	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2021.112610	7533322
54	Katal A., Dahiya S., Choudhury T.	Energy Efficiency in Cloud Computing Data Center: A Survey on Hardware Technologies	Cluster Computing	10.1007/s10586-021-03431-z	13867857
55	Kumar V., Verma P., Jha A., Lai K.K., Do M.H.	Dynamics of a Medium Value Consumer Apparel Supply Chain Key Parameters	International Journal of Productivity and Performance Management	10.1108/IJPPM-10-2019-0501	17410401
56	Thakur S., Verma A., Alsanie W.F., Christie G., Thakur V.K.	On the Graphene and its Derivative Based Polymer Nano composites for Glucose Sensing	Materials Letters	10.1016/j.matlet.2021.130971	0167577X
57	Jain A., Dwivedi R.K., Alshazly H., Kumar A., Bourouis S., Kaur M.	Design and Simulation of Ring Network-on-Chip for Different Configured Nodes	Computers, Materials and Continua	10.32604/cmc.2022.023017	15462218
58	Yadav V.K., Yadav A., Yadav R., Mittal A., Wazir N.H., Gupta S., Pachauri R.K., Ghosh S.	A Novel Reconfiguration Technique for Improvement of Pv Reliability	Renewable Energy	10.1016/j.renene.2021.10.043	9601481
59	Shambhu S., Koundal D., Das P., Sharma C.	Binary Classification of COVID-19 CT Images Using CNN: COVID Diagnosis Using CT	International Journal Of E-Health and Medical Communications	10.4018/IJEHMC.20220701.0a4	1947315X
60	Li X., Kulandaivelu J., Guo Y., Zhang S., Shi J., O'Brien J., Arora S., Kumar M., Sherchan S.P., Honda R., Jackson G., Luby S.P., Jiang G.	SARS-CoV-2 Shedding Sources in Wastewater and Implications for Wastewater-Based Epidemiology	Journal of Hazardous Materials	10.1016/j.jhazmat.2022.128667	3043894
61	Awasthi S.K., Sarsaiya S., Kumar V., Chaturvedi P., Sindhu R., Binod P., Zhang Z., Pandey A., Awasthi M.K.	Processing of Municipal Solid Waste Resources for A Circular Economy in China: An Overview	Fuel	10.1016/j.fuel.2022.123478	162361

S. No.	Authors	Title	Source Title	DOI	ISSN
62	Gaur V.K., Gautam K., Sharma P., Gupta S., Pandey A., You S., Varjani S.	Carbon-Based Catalyst for Environmental Bioremediation and Sustainability: Updates and Perspectives on Techno-Economics and Life Cycle Assessment	Environmental Research	10.1016/j.envres.2022.112793	139351
63	Ankita, Rani S., Bashir A.K., Alhudhaif A., Koundal D., Gunduz E.S.	An Efficient CNN-LSTM Model for Sentiment Detection in #Blacklivesmatter	Expert Systems with Applications	10.1016/j.eswa.2021.116256	9574174
64	Dhingra T., Sengar A., Sajith S.	A Fuzzy Analytic Hierarchy Process-Based Analysis for Prioritization of Barriers to Offshore Wind Energy	Journal of Cleaner Production	10.1016/j.jclepro.2022.131111	9596526
65	Behl T., Kaur I., Sehgal A., Singh S., Sharma N., Makeen H.A., Albratty M., Alhazmi H.A., Felemban S.G., Alsubayiel A.M., Bhatia S., Bungau S.	"Aducanumab" Making A Comeback in Alzheimer's Disease: An Old Wine in a New Bottle	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2022.112746	7533322
66	Sharma H.R., Batoo K.M., Sharma P., Bhardwaj S., Kuchhal P., Jasrotia R., Sharma I., Kumar G.	Structural, Electrical, and Magnetic Studies of Cu ²⁺ substituted MnFe ₂ O ₄ Nanoferrites Synthesized Via Solution Combustion Technique	Journal of Materials Science: Materials In Electronics	10.1007/s10854-022-07897-4	9574522
67	Gaidukovs S., Platnieks O., Gaidukova G., Starkova O., Barkane A., Beluns S., Thakur V.K.	Understanding the Impact of Microcrystalline Cellulose Modification on Durability and Biodegradation of Highly Loaded Biocomposites for Woody Like Materials Applications	Journal of Polymers and The Environment	10.1007/s10924-021-02291-3	15662543
68	Haq I., Kalamdhad A.S., Pandey A.	Genotoxicity Evaluation of Paper Industry Wastewater Prior and Post-Treatment with Laccase Producing Pseudomonas Putida MTCC 7525	Journal of Cleaner Production	10.1016/j.jclepro.2022.130981	9596526
69	Tan C.L., Chan Y., Candasamy M., Chellian J., Madheswaran T., Sakthivel L.P., Patel V.K., Chakraborty A., MacLoughlin R., Kumar D., Verma N., Malyla V., Gupta P.K., Jha N.K., Thangavelu L., Devkota H.P., Bhatt S., Prasher P., Gupta G., Gulati M., Singh S.K., Paudel K.R., Hansbro P.M., Oliver B.G., Dua K., Chellappan D.K.	Unravelling the Molecular Mechanisms Underlying Chronic Respiratory Diseases for the Development of Novel Therapeutics Via in Vitro Experimental Models	European Journal of Pharmacology	10.1016/j.ejphar.2022.174821	142999

S. No.	Authors	Title	Source Title	DOI	ISSN
70	Sharma K., Hooda A., Goyat M.S., Rai R., Mittal A.	A Review on Challenges, Recent Progress and Applications of Silica Nanoparticles Based Superhydrophobic Coatings	Ceramics International	10.1016/j.ceramint.2021.11.239	2728842
71	Sharma A., Sharma A., Pandey J.K., Ram M.	Swarm Intelligence: Foundation, Principles, and Engineering Applications	Swarm Intelligence: Foundation, Principles, and Engineering Applications	10.1201/9781003090038	-
72	Mishra V.D., Mishra A., Singh A., Verma L., Rajesh G.	Ballistic Impact Performance of Uhmwp Fabric Impregnated with Shear Thickening Fluid Nano composite	Composite Structures	10.1016/j.compstruct.2021.114991	2638223
73	Usmani Z., Sharma M., Gaffey J., Sharma M., Dewhurst R.J., Moreau B., Newbold J., Clark W., Thakur V.K., Gupta V.K.	Valorization of Dairy Waste and By-Products Through Microbial Bioprocesses	Bioresource Technology	10.1016/j.biortech.2021.126444	9608524
74	Jha A., Sharma R.R.K., Kumar V., Verma P.	Designing Supply Chain Performance System: A Strategic Study on Indian Manufacturing Sector	Supply Chain Management	10.1108/SCM-05-2020-0198	13598546
75	Rathour R., Kumar H., Prasad K., Anerao P., Kumar M., Kapley A., Pandey A., Kumar Awasthi M., Singh L.	Multifunctional Applications of Bamboo Crop Beyond Environmental Management: An Indian Prospective	Bioengineered	10.1080/21655979.2022.2056689	21655979
76	Saraswat D., Verma A., Bhattacharya P., Tanwar S., Sharma G., Bokoro P.N., Sharma R.	Blockchain-Based Federated Learning in Uavs Beyond 5G Networks: A Solution Taxonomy & Future Directions	IEEE Access	10.1109/ACCESS.2022.3161132	21693536
77	Maithani R., Kumar B., Sharma S., Kumar S., Kumar A.	Effect of a Unique Winglet Twisted Tape Insert on Thermal and Hydraulic Properties of Tubular Heat Exchanger	Experimental Heat Transfer	10.1080/08916152.2022.2038725	8916152
78	Ahmed N., Amin R., Aldabbas H., Koundal D., Alouffi B., Shah T.	Machine Learning Techniques for Spam Detection In Email and IoT Platforms: Analysis and Research Challenges	Security and Communication Networks	10.1155/2022/1862888	19390114
79	Hossen M.N., Panneerselvam V., Koundal D., Ahmed K., Bui F.M., Ibrahim S.M.	Federated Machine Learning For Detection of Skin Diseases and Enhancement of Internet of Medical Things (IoMT) Security	IEEE Journal of Biomedical And Health Informatics	10.1109/JBHI.2022.3149288	21682194
80	Anand V., Gupta S., Koundal D., Mahajan S., Pandit A.K., Zaguia A.	Deep Learning Based Automated Diagnosis of Skin Diseases Using Dermoscopy	Computers, Materials and Continua	10.32604/cmc.2022.022788	15462218

S. No.	Authors	Title	Source Title	DOI	ISSN
81	Verma S.S., Prasad A., Kumar A.	CovXmlc: High Performance COVID-19 Detection on X-ray Images Using Multi-Model Classification	Biomedical Signal Processing And Control	10.1016/j.bspc.2021.103272	17468094
82	Singh S., Gupta I., Gupta S., Koundal D., Aljahdali S., Mahajan S., Pandit A.K.	Deep Learning Based Automated Detection of Diseases from Apple Leaf Images	Computers, Materials And Continua	10.32604/cmc.2022.021875	15462218
83	Samuel O., Javaid N., Alghamdi T.A., Kumar N.	Towards Sustainable Smart Cities: A Secure and Scalable Trading System for Residential Homes Using Blockchain and Artificial Intelligence	Sustainable Cities And Society	10.1016/j.scs.2021.103371	22106707
84	Zhang P., Wang C., Kumar N., Zhang W., Liu L.	Dynamic Virtual Network Embedding Algorithm Based on Graph Convolution Neural Network and Reinforcement Learning	IEEE Internet of Things Journal	10.1109/JIOT.2021.3095094	23274662
85	Pabbathi N.P.P., Velidandi A., Pogula S., Gandam P.K., Baadhe R.R., Sharma M., Sirohi R., Thakur V.K., Gupta V.K.	Brewer's Spent Grains-Based Biorefineries: A Critical Review	Fuel	10.1016/j.fuel.2022.123435	162361
86	Jain H., Verma A.K., Dhupper R., Wadhwa S., Garg M.C.	Development of CA-TiO ₂ -Incorporated Thin-Film Nanocomposite Forward Osmosis Membrane for Enhanced Water Flux and Salt Rejection	International Journal of Environmental Science And Technology	10.1007/s13762-021-03415-x	17351472
87	Hobani Y.H., Mohan S., Shaheen E., Abdelhaleem A., Faruque Ahmad M., Bhatia S., Abou-Elhamd A.S.	Gastroprotective Effect of Low Dose Eugenol in Experimental Rats Against Ethanol Induced Toxicity: Involvement of Anti-inflammatory and Antioxidant Mechanism	Journal of Ethnopharmacology	10.1016/j.jep.2022.115055	3788741
88	Alqahtani S.S., Moni S.S., Sultan M.H., Ali Bakkari M., Madkhali O.A., Alshahrani S., Makeen H.A., Joseph Menachery S., ur Rehman Z., Shamsheer Alam M., Mohan S., Eltaib Elmobark M., Banji D., Z. Sayed-Ahmed M.	Potential Bioactive Secondary Metabolites of Actinomycetes Sp. Isolated from Rocky Soils of The Heritage Village Rijal Alma, Saudi Arabia	Arabian Journal of Chemistry	10.1016/j.arabj.2022.103793	18785352
99	Goyal K., Singh A., Kadyan V.	A Comparison of Laryngeal Effect in the Dialects of Punjabi Language	Journal of Ambient Intelligence And Humanized Computing	10.1007/s12652-021-03235-4	18685137

S. No.	Authors	Title	Source Title	DOI	ISSN
90	Singh S., Negi T., Sagar N.A., Kumar Y., Tarafdar A., Sirohi R., Sindhu R., Pandey A.	Sustainable Processes for Treatment and Management of Seafood Solid Waste	Science of The Total Environment	10.1016/j.scitotenv.2022.152951	489697
91	Goswami A., Gulati R.	Economic Slowdown, NPA Crisis and Productivity Behavior of Indian Banks	International Journal of Productivity and Performance Management	10.1108/IJPPM-01-2020-0010	17410401
92	Kaur R., Sood A., Lang D.K., Bhatia S., Al-Harrasi A., Aleya L., Behl T.	Potential of Flavonoids as Anti-Alzheimer's Agents: Bench to Bedside	Environmental Science And Pollution Research	10.1007/s11356-021-18165-z	9441344
93	Pathania R., Najda A., Chawla P., Kaushik R., Khan M.A.	Low-Energy Assisted Sodium Alginate Stabilized Phyllanthus Niruri Extract Nanoemulsion: Characterization, in Vitro Antioxidant and Antimicrobial Application	Biotechnology Reports	10.1016/j.btre.2022.e00711	2215017X
94	Kumar M., Srivastava V., Mazumder P., Deka J.P., Gupta S., Goswami R., Mutiyar P.K., Dave S., Mahanta C., Ramanathan A.L., Joshi M.	Spectre of SARS-CoV-2 RNA in The Ambient Urban Waters of Ahmedabad and Guwahati: A Tale of Two Indian Cities	Environmental Research	10.1016/j.envres.2021.112067	139351
95	Shankar A.N., Murali Krishna S.M., Chebolu R., K. S. Singholi A., Singh R., Rajeshkumar S.	Effect of Carbon Nanotubes Reinforcement on Eigenmodes of Multi-Smart Core Sandwich Composite Cylindrical Shell Panels	Polymer Composites	10.1002/pc.26435	2728397
96	Sharma A., Saini A.K., Kumar N., Tejwan N., Singh T.A., Thakur V.K., Das J.	Methods of Preparation of Metal-Doped and Hybrid Tungsten Oxide Nanoparticles for Anticancer, Antibacterial, And Biosensing Applications	Surfaces and Interfaces	10.1016/j.surfin.2021.101641	24680230
97	Krishnan S., Kumar Narasimhan A., Gangodkar D., Dhanasekaran S., Kumar Jha N., Dua K., Thakur V.K., Kumar Gupta P.	Aptameric Nanobiosensors for The Diagnosis of COVID-19: An Update	Materials Letters	10.1016/j.matlet.2021.131237	0167577X
98	Kumar S., Singh S., Kumar A., Murthy K.S.R., Kumar Singh A.	pH-Responsive Luminescence Sensing, Photoredox Catalysis and Photodynamic Applications of Ruthenium(II) Photosensitizers Bearing Imidazo[4,5-f][1,10] Phenanthroline Scaffolds	Coordination Chemistry Reviews	10.1016/j.ccr.2021.214272	108545
99	Yadav K., Jain A., Osman Sid Ahmed N.M., Saad Hamad S.A., Dhiman G., Alotaibi S.D.	Internet of Thing Based Koch Fractal Curve Fractal Antennas For Wireless Applications	IETE Journal of Research	10.1080/03772063.2022.2058631	3772063

S. No.	Authors	Title	Source Title	DOI	ISSN
100	Yadav A.S., Agrawal A., Sharma A., Sharma S., Maithani R., Kumar A.	Augmented Artificially Roughened Solar Air Heaters	Materials Today: Proceedings	10.1016/j.matpr.2022.02.548	22147853
101	Kumar A.P., Bilehal D., Desalegn T., Kumar S., Ahmed F., Murthy H.C.A., Kumar D., Gupta G., Chellappan D.K., Singh S.K., Dua K., Lee Y.-I.	Studies on Synthesis and Characterization of Fe ₃ O ₄ @SiO ₂ @Ru Hybrid Magnetic Composites for Reusable Photocatalytic Application	Adsorption Science and Technology	10.1155/2022/3970287	2636174
102	Tanwar R., Nandal N., Zamani M., Manaf A.A.	Pathway of Trends and Technologies in Fall Detection: A Systematic Review	Healthcare (Switzerland)	10.3390/healthcare10010172	22279032
103	Kaur P., Harnal S., Tiwari R., Upadhyay S., Bhatia S., Mashat A., Alabdali A.M.	Recognition of Leaf Disease Using Hybrid Convolutional Neural Network by Applying Feature Reduction	Sensors	10.3390/s22020575	14248220
104	Bisaria K., Wadhwa S., Mathur A., Roy S., Dixit A., Singh R.	New Bismuth Oxyiodide/Chitosan Nanocomposite for Ultrasonic Waves Expedited Adsorptive Removal of Amoxicillin from Aqueous Medium: Kinetic, Isotherm and Thermodynamic Investigations	Environmental Science and Pollution Research	10.1007/s11356-021-17546-8	9441344
105	Sarishma D., Sangwan S., Tomar R., Srivastava R.	A Review on Cognitive Computational Neuroscience: Overview, Models, and Applications	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78284-9_10	25228595
106	Kurien C., Srivastava A.K.	Investigation on Gas Conversion Efficiency and Filtration Behaviour of Diesel Oxidation Catalysis System	Australian Journal of Mechanical Engineering	10.1080/14484846.2019.1704491	14484846
107	Pathania D., Kumar S., Thakur P., Chaudhary V., Kaushik A., Varma R.S., Furukawa H., Sharma M., Khosla A.	Essential Oil-Mediated Biocompatible Magnesium Nanoparticles with Enhanced Antibacterial, Antifungal, and Photocatalytic Efficacies	Scientific Reports	10.1038/s41598-022-14984-3	20452322
108	Sastry G.R., Gugulothu S.K., Bharath Raju L.B., Panda J.K., Bhurat S.S., Burra B.	Influence of Exhaust Gas Recirculation on Performance, Combustion, and Emission Characteristics of a Common Rail Direct Injection Diesel Engine Fueled by Diesel/Higher Alcohol Blends	Journal of Thermal Science and Engineering Applications	10.1115/1.4053599	19485085
109	Rana A.K., Thakur M.K., Saini A.K., Mokhta S.K., Moradi O., Rydzkowski T., Alsanie W.F., Wang Q., Grammatikos S., Thakur V.K.	Recent Developments in Microbial Degradation of Polypropylene: Integrated Approaches Towards A Sustainable Environment	Science of The Total Environment	10.1016/j.scitotenv.2022.154056	489697

S. No.	Authors	Title	Source Title	DOI	ISSN
110	Lokhande P.E., Pakdel A., Pathan H.M., Kumar D., Vo D.-V.N., Al-Gheethi A., Sharma A., Goel S., Singh P.P., Lee B.-K.	Prospects of MXenes in Energy Storage Applications	Chemosphere	10.1016/j.chemosphere.2022.134225	456535
111	Bhardwaj A., Dagar V., Khan M.O., Aggarwal A., Alvarado R., Kumar M., Irfan M., Proshad R.	Smart IoT and Machine Learning-Based Framework for Water Quality Assessment and Device Component Monitoring	Environmental Science and Pollution Research	10.1007/s11356-022-19014-3	9441344
112	Kashav V., Garg C.P., Kumar R., Sharma A.	Management and Analysis of Barriers in the Maritime Supply Chains (MSCs) of Containerized Freight Under Fuzzy Environment	Research in Transportation Business and Management	10.1016/j.rtbm.2022.100793	22105395
113	Das P.K., Bhat M.Y.	Global Electric Vehicle Adoption: Implementation and Policy Implications for India	Environmental Science and Pollution Research	10.1007/s11356-021-18211-w	9441344
114	Li Y., Jian X., Yu K., Kumar N., Cai S.	Theoretical Performance Analysis of Distributed Queue for Massive Machine Type Communications: Throughput, Latency, Energy Consumption	IEEE Transactions on Network and Service Management	10.1109/TNSM.2022.3144510	19324537
115	Thakur A.K., Gupta S.K., Kumar R., Banerjee N., Chaudhari P.	Multi-Objective Optimization of An Industrial Slurry Phase Ethylene Polymerization Reactor	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2021-0196	15426580
116	Tumasyan A. et.al.	Search for Invisible Decays of The Higgs Boson Produced Via Vector Boson Fusion in Proton-Proton Collisions At $\sqrt{s}=13$ TeV	Physical Review D	10.1103/PhysRevD.105.092007	24700010
117	Bangwal D., Suyal J., Kumar R.	Hotel Building Design, Occupants' Health and Performance in Response to COVID 19	International Journal of Hospitality Management	10.1016/j.ijhm.2022.103212	2784319
118	Behl T., Kaur I., Sehgal A., Singh S., Sharma N., Anwer M.K., Makeen H.A., Albratty M., Alhazmi H.A., Bhatia S., Bungau S.	There is Nothing Exempt from the Peril of Mutation - The Omicron Spike	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2022.112756	7533322
119	Krishnakumar B., Pucci A., Wadgaonkar P.P., Kumar I., Binder W.H., Rana S.	Vitrimers Based on Bio-Derived Chemicals: Overview and Future Prospects	Chemical Engineering Journal	10.1016/j.cej.2021.133261	13858947

S. No.	Authors	Title	Source Title	DOI	ISSN
120	Goenka N., Tiwari S.	AlzVNet: A Volumetric Convolutional Neural Network for Multiclass Classification of Alzheimer's Disease Through Multiple Neuroimaging Computational Approaches	Biomedical Signal Processing & Control	10.1016/j.bspc.2022.103500	17468094
121	Khan A., Gulati R.	Productivity Growth, Catching-Up and Technology Innovation in Microfinance Institutions in India: Evidence Using A Bootstrap Malmquist Index Approach	Benchmarking	10.1108/BIJ-10-2020-0535	14635771
122	Malyan S.K., Singh O., Kumar A., Anand G., Singh R., Singh S., Yu Z., Kumar J., Fagodiya R.K., Kumar A.	Greenhouse Gases Trade-Off from Ponds: An Overview of Emission Process and their Driving Factors	Water (Switzerland)	10.3390/w14060970	20734441
123	Mishra A., Dharahas G., Gite S., Kotecha K., Koundal D., Zaguia A., Kaur M., Lee H.-N.	ECG Data Analysis with Denoising Approach and Customized CNNs	Sensors (Basel, Switzerland)	10.3390/s22051928	14248220
124	Chaturvedi R., Pappu A., Tyagi P., Patidar R., Khan A., Mishra A., Gupta M.K., Thakur V.K.	Next-Generation High-Performance Sustainable Hybrid Composite Materials from Silica-Rich Granite Waste Particulates and Jute Textile Fibres in Epoxy Resin	Industrial Crops and Products	10.1016/j.indcrop.2022.114527	9266690
125	Sahu J., Kumar S., Vats V.S., Alvi P.A., Dalela B., Kumar S., Dalela S.	Lattice Defects and Oxygen Vacancies Formulated Ferromagnetic, Luminescence, Structural Properties and Band-Gap Tuning in Nd ³⁺ Substituted ZnO Nanoparticles	Journal of Luminescence	10.1016/j.jlumi.2021.118673	222313
126	Bhagat C., Misra A., Mohapatra P.K., Babu D.S.S., Kumar M.	Salinity and Temperature Profiling for The Submarine Groundwater Discharge Simulations: Quantification Through Heat and Solute Transport Model	Science of The Total Environment	10.1016/j.scitotenv.2021.151888	489697
127	Singh A., Sharma A., Rajput S., Mondal A.K., Bose A., Ram M.	Parameter Extraction of Solar Module Using the Sooty Tern Optimization Algorithm	Electronics (Switzerland)	10.3390/electronics11040564	20799292
128	Chaturvedi B.K., Nautiyal A., Kandpal T.C., Yaqoot M.	Projected Transition to Electric Vehicles in India and its Impact On Stakeholders	Energy for Sustainable Development	10.1016/j.esd.2021.12.006	9730826
129	Matiyani M., Rana A., Pal M., Rana S., Melkani A.B., Sahoo N.G.	Polymer Grafted Magnetic Graphene Oxide as a Potential Nanocarrier for Ph-Responsive Delivery of Sparingly Soluble Quercetin Against Breast Cancer Cells	RSC Advances	10.1039/d1ra05382e	20462069

S. No.	Authors	Title	Source Title	DOI	ISSN
130	Sharma S., Das R.K., Kulkarni K.	Experimental Analysis and Thermal Management of Solar Air Heater Roughened with Sine Wave Baffles	Proceedings of The Institution of Mechanical Engineers, Part A: Journal of Power And Energy	10.1177/09576509221092906	9576509
131	Singh V.P., Jain S., Kumar A.	Establishment of Correlations for the Thermo-Hydraulic Parameters Due to Perforation in A Multi-V Rib Roughened Single Pass Solar Air Heater	Experimental Heat Transfer	10.1080/08916152.2022.2064940	8916152
132	Shuaib M., Hassan N.H., Usman S., Alam S., Bhatia S., Mashat A., Kumar A., Kumar M.	Self-Sovereign Identity Solution for Blockchain-Based Land Registry System: A Comparison	Mobile Information Systems	10.1155/2022/8930472	1574017X
133	Kumar A., Maithani R., Singh Yadav A., Sharma S.	Effect of 450 Protruded and Dimpled Rib Height on the Performance of Triangular Duct Solar Heat Collector	Materials Today: Proceedings	10.1016/j.matpr.2022.03.044	22147853
134	Parekh R., Patel N.P., Thakkar N., Gupta R., Tanwar S., Sharma G., Davidson I.E., Sharma R.	DL-GuesS: Deep Learning and Sentiment Analysis-Based Cryptocurrency Price Prediction	IEEE Access	10.1109/ACCESS.2022.3163305	21693536
135	Aggarwal A., Chakradar M., Bhatia M.S., Kumar M., Stephan T., Gupta S.K., Alsamhi S.H., Al-Dois H.	COVID-19 Risk Prediction for Diabetic Patients Using Fuzzy Inference System and Machine Learning Approaches	Journal of Healthcare Engineering	10.1155/2022/4096950	20402295
136	Vyas S., Bhargava D., Bhola J., Ujjan J.A., Eswaran S., Rahmani A.W.	Critical Retrospection of Performance of Emerging Mobile Technologies in Health Data Management	Journal of Healthcare Engineering	10.1155/2022/8903604	20402295
137	Mishra K., Kumar Thakur V., Singh Siwal S.	Graphitic Carbon Nitride Based Palladium Nanoparticles: A Homemade Anode Electrode Catalyst for Efficient Direct Methanol Fuel Cells Application	Materials Today: Proceedings	10.1016/j.matpr.2021.12.342	22147853
138	Rohera D., Shethna H., Patel K., Thakker U., Tanwar S., Gupta R., Hong W.C., Sharma R.	A Taxonomy of Fake News Classification Techniques: Survey and Implementation Aspects	IEEE Access	10.1109/ACCESS.2022.3159651	21693536
139	Kala D., Chaubey D.S.	Examination of Relationships Among Technology Acceptance, Student Engagement, And Perceived Learning on Tourism-Related MOOCs	Journal of Teaching in Travel and Tourism	10.1080/15313220.2022.2038342	15313220

S. No.	Authors	Title	Source Title	DOI	ISSN
140	Sharma A.K., Tiwari S., Aggarwal G., Goenka N., Kumar A., Chakrabarti P., Chakrabarti T., Gono R., Leonowicz Z., Jasinski M.	Dermatologist-Level Classification of Skin Cancer Using Cascaded Ensembling of Convolutional Neural Network and Handcrafted Features Based Deep Neural Network	IEEE Access	10.1109/ACCESS.2022.3149824	21693536
141	Sethi M., Ahuja S., Rani S., Koundal D., Zaguia A., Enbeyle W.	An Exploration: Alzheimer's Disease Classification Based on Convolutional Neural Network	BioMed Research International	10.1155/2022/8739960	23146133
142	Singh G.D., Prateek M., Kumar S., Verma M., Singh D., Lee H.-N.	Hybrid Genetic Firefly Algorithm-Based Routing Protocol for VANETs	IEEE Access	10.1109/ACCESS.2022.3142811	21693536
143	Salankar N., Qaisar S.M., Pławiak P., Tadeusiewicz R., Hammad M.	EEG Based Alcoholism Detection by Oscillatory Modes Decomposition Second Order Difference Plots and Machine Learning	Biocybernetics And Biomedical Engineering	10.1016/j.bbe.2021.12.009	2085216
144	Behl T., Madaan P., Sehgal A., Singh S., Anwer M.K., Makeen H.A., Albratty M., Mohan S., Bungau S.	Mechanistic Insights Expatriating the Redox-Active-Metal-Mediated Neuronal Degeneration in Parkinson's Disease	International Journal of Molecular Sciences	10.3390/ijms23020678	16616596
145	Singh M., Rana S., Singh A.K.	Advanced Nanomaterials Utilized as Top Transparent Electrodes in Semi-Transparent Photovoltaic	Colloids and Interface Science Communications	10.1016/j.colco.2021.100563	22150382
146	Roy S., Sain S., Wadhwa S., Mathur A., Dubey S., Roy S.S.	Electrochemical Impedimetric Analysis of Different Dimensional (0D-2D) Carbon Nanomaterials For Effective Biosensing of L-Tyrosine	Measurement Science and Technology	10.1088/1361-6501/ac2cf3	9570233
147	Pachauri R.K.	Imperative Role of Optimization Techniques to Reconfigure Solar Photovoltaic Array Systems to Diminish Shading Effects	International Journal of Circuit Theory and Applications	10.1002/cta.3152	989886
148	Singla R., Kaur N., Koundal D., Bharadwaj A.	Challenges and Developments in Secure Routing Protocols for Healthcare in WBAN: A Comparative Analysis	Wireless Personal Communications	10.1007/s11277-021-08969-0	9296212
149	Kaur H., Siwal S.S., Chauhan G., Saini A.K., Kumari A., Thakur V.K.	Recent Advances in Electrochemical-Based Sensors Amplified with Carbon-Based Nanomaterials (CNMs) for Sensing Pharmaceutical and Food Pollutants	Chemosphere	10.1016/j.chemosphere.2022.135182	456535

S. No.	Authors	Title	Source Title	DOI	ISSN
150	Rastogi Y.R., Thakur R., Thakur P., Mittal A., Chakrabarti S., Siwal S.S., Thakur V.K., Saini R.V., Saini A.K.	Food Fermentation – Significance to Public Health and Sustainability Challenges of Modern Diet and Food Systems	International Journal of Food Microbiology	10.1016/j.ijfoodmicro.2022.109666	1681605
151	Ramanunni A.K., Wadhwa S., Gulati M., Vishwas S., Khursheed R., Paudel K.R., Gupta S., Porwal O., Alshahrani S.M., Jha N.K., Chellappan D.K., Prasher P., Gupta G., Adams J., Dua K., Tewari D., Singh S.K.	Journey of Alpinia Galanga from Kitchen Spice to Nutraceutical to Folk Medicine to Nanomedicine	Journal of Ethnopharmacology	10.1016/j.jep.2022.115144	3788741
152	Shivam, Singh T., Kumar M.	Spatiotemporal Dynamical Analysis of a Predator-Prey System with Fear and Group Defense in Prey	Journal of Biological Systems	10.1142/S0218339022500140	2183390
153	Goyal B., Gupta A., Dogra A., Koundal D.	An Adaptive Bitonic Filtering Based Edge Fusion Algorithm for Gaussian Denoising	International Journal of Cognitive Computing in Engineering	10.1016/j.ijcce.2022.03.001	26663074
154	Briede S., Barkane A., Jurinovs M., Thakur V.K., Gaidukovs S.	Acrylation of Biomass: A Review of Synthesis Process: Know-how and Future Application Directions	Current Opinion in Green and Sustainable Chemistry	10.1016/j.cogsc.2022.100626	24522236
155	Singh D., Mathur A., Arora S., Roy S., Mahindroo N.	Journey of Organ on a Chip Technology and its Role in Future Healthcare Scenario	Applied Surface Science Advances	10.1016/j.apsadv.2022.100246	26665239
156	Khan A., Rahman F., Nongjai R., Asokan K.	Role of Deposition Temperature and Sn Content on Structural, Optical & Electrical Properties of In ₂ O ₃ Thin films	Current Applied Physics	10.1016/j.cap.2022.03.004	15671739
157	Mandal P.	Application of Plasmonics in Solar Cell Efficiency Improvement: a Brief Review on Recent Progress	Plasmonics	10.1007/s11468-022-01616-9	15571955
158	Dixit H., Boro B., Ghosh S., Paul M., Kumar A., Singh T.	Assessment of Lead-Free Tin Halide Perovskite Solar Cells Using J–V Hysteresis	Physica Status Solidi (A) Applications and Materials Science	10.1002/pssa.202100823	18626300
159	Shah K., Chadotra S., Tanwar S., Gupta R., Kumar N.	Blockchain for IoV in 6G Environment: Review Solutions and Challenges	Cluster Computing	10.1007/s10586-021-03492-0	13867857
160	Xu L., Zhou X., Li Y., Cai F., Yu X., Kumar N.	Intelligent Power Allocation Algorithm for Energy-Efficient Mobile Internet of Things (IoT) Networks	IEEE Transactions on Green Communications and Networking	10.1109/TGCN.2022.3144532	24732400

S. No.	Authors	Title	Source Title	DOI	ISSN
161	Mundi H.S., Kaur P., Murty R.L.N.	A Qualitative Inquiry into the Capital Structure Decisions of Overconfident Finance Managers of Family-Owned Businesses in India	Qualitative Research in Financial Markets	10.1108/QRFM-02-2020-0019	17554179
162	Awasthi M.K., Tarafdar A., Gaur V.K., Amulya K., Narisetty V., Yadav D.K., Sindhu R., Binod P., Negi T., Pandey A., Zhang Z., Sirohi R.	Emerging Trends of Microbial Technology for the Production of Oligosaccharides from Biowaste and their Potential Application as Prebiotic	International Journal of Food Microbiology	10.1016/j.ijfoodmicro.2022.109610	1681605
163	Shivam, Singh T., Kumar M.	Hopf-Bifurcation and Pattern Selections in a Three Trophic Level Food Web System	International Journal of Bifurcation and Chaos	10.1142/S0218127422500894	2181274
164	Sharma A., Sharma A., Jatley V., Averbukh M., Rajput S., Azzopardi B.	A Novel TSA-PSO Based Hybrid Algorithm for GMPP Tracking Under Partial Shading Conditions	Energies	10.3390/en15093164	19961073
165	Kumar M., Ngasepam J., Dhangar K., Mahlknecht J., Manna S.	Critical Review on Negative Emerging Contaminant Removal Efficiency of Wastewater Treatment Systems: Concept, Consistency and Consequences	Bioresource Technology	10.1016/j.biortech.2022.127054	9608524
166	Bhurat S., Pandey S., Chintala V., Jaiswal M., Kurein C.	Effect of Novel Fuel Vaporiser Technology on Engine Characteristics of Partially Premixed Charge Compression Ignition (PCCI) Engine with Toroidal Combustion Chamber	Fuel	10.1016/j.fuel.2022.123197	162361
167	Awan K.A., Ud Din I., Almogren A., Kumar N., Almogren A.	A Taxonomy of Multimedia-Based Graphical User Authentication for Green Internet of Things	ACM Transactions on Internet Technology	10.1145/3433544	15335399
168	Nandy S., Adhikari M., Chakraborty S., Alkhayyat A., Kumar N.	IBoNN: Intelligent Agent-Based Internet of Medical Things Framework for Detecting Brain Response from Electroencephalography Signal Using Bag-of-Neural Network	Future Generation Computer Systems	10.1016/j.future.2021.12.019	0167739X
169	Nagaraju M., Chawla P., Upadhyay S., Tiwari R.	Convolution Network Model Based Leaf Disease Detection Using Augmentation Techniques	Expert Systems	10.1111/exsy.12885	2664720
170	Kadyan V., Bawa P., Hasija T.	In Domain Training Data Augmentation on Noise Robust Punjabi Children Speech Recognition	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-03468-3	18685137

S. No.	Authors	Title	Source Title	DOI	ISSN
171	Kumar A.P., Ahmed F., Kumar S., Anuradha G., Harish K., Kumar B.P., Lee Y.-I.	Synthesis of Magnetically Recoverable Ru/Fe ₃ O ₄ Nanocomposite for Efficient Photocatalytic Degradation of Methylene Blue	Journal of Cluster Science	10.1007/s10876-021-02149-7	10407278
172	Yadav R., Bodavula A.	Numerical Investigation of The Effect of Triangular Cavity on The Unsteady Aerodynamics of NACA 0012 at A Low Reynolds Number	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering	10.1177/09544100211027042	9544100
173	Balabantaray S.R., Singh A.	Review of (Revisiting) the Transgender Education in India: An Analysis of The National Educational Policy 2020	Journal of Public Affairs	10.1002/pa.2504	14723891
174	Garg M., Grewal H.S., Sharma R.K., Arora H.S.	Enhanced Oxidation Resistance of Ultrafine-Grain Microstructure AlCoCrFeNi High Entropy Alloy	ACS Omega	10.1021/acsomega.1c06014	24701343
175	Bhandari A.	Effect of The Diameter of Magnetic Core and Surfactant Thickness on The Viscosity of Ferrofluid	Journal of Magnetism and Magnetic Materials	10.1016/j.jmmm.2021.168975	3048853
176	Rahman R.S., Asokan K., Zulfequar M.	Mitigation of Surface Oxidation in Sb ₂ Se ₃ Thin Films Via Te Doping: An Effective Strategy Towards Realization of Efficient Electronic Devices	Journal of Physical Chemistry C	10.1021/acs.jpcc.2c00336	19327447
177	Sharma H., Kumar A., Rana S., Guadagno L.	An Overview on Carbon Fiber-Reinforced Epoxy Composites: Effect of Graphene Oxide Incorporation on Composites Performance	Polymers	10.3390/polym14081548	20734360
178	Bhalla K., Koundal D., Sharma B., Hu Y.-C., Zaguia A.	A Fuzzy Convolutional Neural Network for Enhancing Multi-Focus Image Fusion	Journal of Visual Communication and Image Representation	10.1016/j.jvcir.2022.103485	10473203
179	Kumar M., Aggarwal J., Rani A., Stephan T., Shankar A., Mirjalili S.	Secure Video Communication Using Firefly Optimization And Visual Cryptography	Artificial Intelligence Review	10.1007/s10462-021-10070-8	2692821
180	Bera P., Aher A., Brandao P., Debnath U., Dewaker V., Manna S.K., Jana A., Pramanik C., Mandal B., Bera P.	Instigating the in Vitro Anticancer Activity of New Pyridine-Thiazole-Based Co(III), Mn(II), and Ni(II) Complexes: Synthesis, Structure, DFT, Docking, and MD Simulation Studies	Journal of Chemical Information and Modeling	10.1021/acs.jcim.1c01280	15499596

S. No.	Authors	Title	Source Title	DOI	ISSN
181	Li Z., Dong S., Ashour A., Wang X., Thakur V.K., Han B., Shah S.P.	On The Incorporation of Nano TiO ₂ to Inhibit Concrete Deterioration in the Marine Environment	Nanotechnology	10.1088/1361-6528/ac3f55	9574484
182	Kumar M., Kuroda K., Barcelo D., Furumai H.	Monsoon Dilutes The Concurrence but Increases the Correlation of Viruses and Pharmaceuticals and Personal Care Products (PPCPs) in the Urban Waters of Guwahati, India: The Context of Pandemic Viruses	Science of the Total Environment	10.1016/j.scitotenv.2021.152282	489697
183	Sarkar I., Adhikari M., Kumar N., Kumar S.	A Collaborative Computational Offloading Strategy for Latency-Sensitive Applications in Fog Networks	IEEE Internet of Things Journal	10.1109/JIOT.2021.3104324	23274662
184	Bhat M.Y., Sofi A.A., Sajith S.	Domino-Effect of Energy Consumption and Economic Growth on Environmental Quality: Role of Green Energy in G20 Countries	Management of Environmental Quality: An International Journal	10.1108/MEQ-08-2021-0194	14777835
185	Tosif M.M., Najda A., Klepacka J., Bains A., Chawla P., Kumar A., Sharma M., Sridhar K., Gautam S.P., Kaushik R.	A Concise Review on Taro Mucilage: Extraction Techniques, Chemical Composition, Characterization, Applications, and Health Attributes	Polymers	10.3390/polym14061163	20734360
186	Malhotra P., Gupta S., Koundal D., Zaguia A., Kaur M., Lee H.N.	Deep Learning-Based Computer-Aided Pneumothorax Detection using Chest X-ray Images	Sensors	10.3390/s22062278	14248220
187	Wankhede N.L., Kale M.B., Upaganlawar A.B., Taksande B.G., Umekar M.J., Behl T., Abdellatif A.A.H., Bhaskaran P.M., Dachani S.R., Sehgal A., Singh S., Sharma N., Makeen H.A., Albratty M., Dailah H.G., Bhatia S., Al-Harrasi A., Bungau S.	Involvement of Molecular Chaperone in Protein-Misfolding Brain Diseases	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2022.112647	7533322
188	Rastogi P., Khanna K., Singh V.	LeuFeatx: Deep Learning-Based Feature Extractor for the Diagnosis of Acute Leukemia From Microscopic Images of Peripheral Blood Smear	Computers in Biology and Medicine	10.1016/j.compbiomed.2022.105236	104825
189	Panda S., Mondal S., Kumar N.	SLAP: A Secure and Lightweight Authentication Protocol for Machine-To-Machine Communication in Industry 4.0	Computers and Electrical Engineering	10.1016/j.compeleceng.2021.107669	457906

S. No.	Authors	Title	Source Title	DOI	ISSN
190	Kumar R., Vij A., Singh M.	Electronic, Thermoelectric, and Optical Studies of Cubic Hf _{1-x} Ti _x O ₂ : An Attempt to Enhance the Key Parameters	Journal of Solid State Chemistry	10.1016/j.jssc.2021.122829	224596
191	Jain H., Kumar A., Rajput V.D., Minkina T., Verma A.K., Wadhwa S., Dhupper R., Chandra Garg M., Joshi H.	Fabrication and Characterization of High-Performance Forward-Osmosis Membrane by Introducing Manganese Oxide Incited Graphene Quantum Dots	Journal of Environmental Management	10.1016/j.jenvman.2021.114335	3014797
192	Tyagi C., Tripathi A., Dey A.B., Avasthi D.K.	Structural Changes Induced in Graphene Oxide Film by Low Energy Ion Beam Irradiation	Radiation Physics and Chemistry	10.1016/j.radphyschem.2021.109923	0969806X
193	Khanzada N.K., Deka B.J., Kharraz J.A., Wong P.W., Jassby D., Rehman S., Leu S.-Y., Kumar M., An A.K.	Elucidating The Role of Graphene Oxide Layers in Enhancing N-Nitrosodimethylamine (NDMA) Rejection and Anti-biofouling Property of RO Membrane Simultaneously	Journal of Membrane Science	10.1016/j.memsci.2021.120043	3767388
194	Hu C., Amurishana, Wu S., Bai H., Koundal D.	Characteristics and Anti-Toxicity Analysis of Fe-Cu _{13x} Catalytic Oxidation of NO at Low Temperature and its Application In Industry	International Journal of System Assurance Engineering and Management	10.1007/s13198-021-01332-3	9756809
195	Saha R., Kumar G., Kumar N., Kim T.-H., Devgun T., Thomas R., Barnawi A.	Internet of Things Framework for Oxygen Saturation Monitoring in COVID-19 Environment	IEEE Internet of Things Journal	10.1109/JIOT.2021.3098158	23274662
196	Das S., Halder S., Paul B., Khan N.I., Goyat M.S.	Impact of Silanized Milled Graphite Nanoparticles on Thermo-Mechanical Properties Of Epoxy Nanocomposite	Materials Chemistry and Physics	10.1016/j.matchemphys.2021.125601	2540584
197	Singh S., Srivastav S.K., Patel A., Kumar A., Chatterjee R., Takeuchi T., Pandey S.K.	Enhancement In Thermoelectric Properties of N-Type (La _{0.7} Sr _{0.3} MnO ₃) _{0.5} (NiO) _{0.5} : Composite and Nano-Structure Effect	Journal of Physics D: Applied Physics	10.1088/1361-6463/ac3171	223727
198	Kumar M., Patel A.K., Singh A.	Anthropogenic Dominance on Geogenic Arsenic Problem of the Groundwater in The Ganga-Brahmaputra Floodplain: A Paradox of Origin And Mobilization	Science of the Total Environment	10.1016/j.scitotenv.2021.151461	489697
199	Paul A., Tyagi R.	ROI Based Training Framework for DISCOMs for Rural Electrification	Water and Energy International	-	9744207

S. No.	Authors	Title	Source Title	DOI	ISSN
200	Rawat J., Gupta P.K., Pandit S., Priya K., Agarwal D., Pant M., Thakur V.K., Pande V.	Latest Expansions in Lipid Enhancement of Microalgae for Biodiesel Production: An Update	Energies	10.3390/en15041550	19961073
201	Kaur H., Sheoran K., Siwal S.S., Saini R.V., Saini A.K., Alsanie W.F., Thakur V.K.	Role of Silver Nanoparticle-Doped 2-Aminodiphenylamine Polymeric Material in the Detection of Dopamine (DA) with Uric Acid Interference	Materials	10.3390/ma15041308	19961944
202	Dhanjal D.S., Sharma P., Mehta M., Tambuwala M.M., Prasher P., Paudel K.R., Liu G., Shukla S.D., Hansbro P.M., Chellappan D.K., Dua K., Satija S.	Concepts of Advanced Therapeutic Delivery Systems for the Management of Remodeling and Inflammation in Airway Diseases	Future Medicinal Chemistry	10.4155/fmc-2021-0081	17568919
203	Mishra A., Pilloton R., Jain S., Roy S., Khanuja M., Mathur A., Narang J.	Paper-Based Electrodes Conjugated with Tungsten Disulfide Nanostructure and Aptamer for Impedimetric Detection of <i>Listeria Monocytogenes</i>	Biosensors	10.3390/bios12020088	20796374
204	Bhushan S., Alshehri M., Agarwal N., Keshta I., Rajpurohit J., Abugabah A.	A Novel Approach to Face Pattern Analysis	Electronics (Switzerland)	10.3390/electronics11030444	20799292
205	Mythili R., Kirana R., Singh L.H., Govindaraj R., Sinha A.K., Singh M.N., Saroja S., Vijayalakshmi M., Deb S.K.	Identification of Retained Austenite in 9Cr-1.4W-0.06Ta-0.12C Reduced Activation Ferritic Martensitic Steel	Symmetry	10.3390/sym14020196	20738994
206	Jawed A., Kar P., Verma R., Shukla K., Hemanth P., Thakur V.K., Pandey L.M., Gupta R.K.	Integration of Biological Control with Engineered Heterojunction Nano-Photocatalysts for Sustainable and Effective Management of Water Hyacinth Weed	Journal of Environmental Chemical Engineering	10.1016/j.jece.2021.106976	22133437
207	Mandal P., Tewari B.S.	Progress in Surface Enhanced Raman Scattering Molecular Sensing: A Review	Surfaces and Interfaces	10.1016/j.surfin.2021.101655	24680230
208	Pal M., Muinao T., Boruah H.P.D., Mahindroo N.	Current Advances in Prognostic and Diagnostic Biomarkers for Solid Cancers: Detection Techniques and Future Challenges	Biomedicine and Pharmacotherapy	10.1016/j.biopha.2021.112488	7533322
209	Singal G., Laxmi V., Gaur M.S., Rao D.V., Kushwaha R., Garg D., Kumar N.	QoS Aware Mesh-Based Multicast Routing Protocols in Edge Ad Hoc Networks: Concepts and Challenges	ACM Transactions on Internet Technology	10.1145/3428150	15335399

S. No.	Authors	Title	Source Title	DOI	ISSN
210	Sharma A., Varshney M., Kumar Y., Lee B.-H., Won S.O., Chae K.H., Vij A., Sharma R.K., Shin H.-J.	Electronic Structure and Magnetic Assets of FeCoGaO ₄ Nanoparticles: An XANES investigation	Journal of Physics and Chemistry of Solids	10.1016/j.jpcs.2021.110476	223697
211	Kaushik V., Kagdada H.L., Singh D.K., Pathak S.	Enhancement of SERS Effect in Graphene-Silver Hybrids	Applied Surface Science	10.1016/j.apsusc.2021.151724	1694332
212	Sharma D.K., Sikarwar B.S., Upadhyay S., Kumar R., Avasthi D.K., Ranjan M., Srivastava S.K., Muralidhar K.	Super-Hydrophobic Nanostructured Silica Coating on Aluminum Substrate for Moist Air Condensation	Journal of Materials Engineering and Performance	10.1007/s11665-021-06254-6	10599495
213	Kumar R., Bansal K., Kumar A., Yadav J., Gupta M.K., Singh V.K.	Renewable Energy Adoption: Design, Development, and Assessment of Solar Tree for the Mountainous Region	International Journal of Energy Research	10.1002/er.7197	0363907X
214	Faruque M.A., Rahman S., Chakraborty P., Choudhury T., Um J.-S., Singh T.P.	Ascertaining Polarity of Public Opinions on Bangladesh Cricket Using Machine Learning Techniques	Spatial Information Research	10.1007/s41324-021-00403-8	23663294
215	Imran J., Raman B.	Three-Stream Spatio-Temporal Attention Network for First-Person Action and Interaction Recognition	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-02940-4	18685137
216	Ragini, Ghosh P.	Exploring Readiness of Learners to Transfer Training: An Interactionist Approach	European Journal of Training and Development	10.1108/EJTD-05-2020-0085	20469012
217	Chellappan D.K., Prasher P., Saravanan V., Vern Yee V.S., Wen Chi W.C., Wong J.W., Wong J.K., Wong J.T., Wan W., Chellian J., Molugulu N., Prabu S.L., Ibrahim R., Darmarajan T., Candasamy M., Singh P.K., Mishra V., Shastri M.D., Zacconi F.C., Chakraborty A., Mehta M., Gupta P.K., Dureja H., Gulati M., Singh S.K., Gupta G., Jha N.K., George Oliver B.G., Dua K.	Protein and Peptide Delivery to Lungs by Using Advanced Targeted Drug Delivery	Chemico-Biological Interactions	10.1016/j.cbi.2021.109706	92797
218	Dey A.D., Bigham A., Esmaeili Y., Ashrafizadeh M., Moghaddam F.D., Tan S.C., Yousefiasl S., Sharma S., Maleki A., Rabiee N., Kumar A.P., Thakur V.K., Orive G., Sharifi E., Kumar A., Makvandi P.	Dendrimers as Nanoscale Vectors: Unlocking the Bars of Cancer Therapy	Seminars in Cancer Biology	10.1016/j.semcancer.2022.06.003	1044579X

S. No.	Authors	Title	Source Title	DOI	ISSN
219	Kumar R., Bangwal D.	An Assessment of Sustainable Supply Chain Initiatives in Indian Automobile Industry Using PPS Method	Environment, Development and Sustainability	10.1007/s10668-022-02456-7	1387585X
220	Kumar R.	Numerical Simulation to Estimate the Droplet Size in Aerosol Solvent Extraction System	Materials Today: Proceedings	10.1016/j.matpr.2021.12.051	22147853
221	Maithani R., Agarwal R., Kumar A., Sharma S.	Parametric Optimization of Impinging Air Jet on Hemispherical Protrusion of A Solar Thermal Collector	Experimental Heat Transfer	10.1080/08916152.2022.2075989	8916152
222	Vijayanandh R., Senthilkumar S., Rajkumar R., Kumar A., Kumar M.S., Kumar J.D., Krishna Kumar K.M., Prakash R.A.	Conceptual Design and Computational Investigations of Fixed Wing Unmanned Aerial Vehicle for Medium-Range Applications	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00020-3	-
223	Kaur H., Thakur V.K., Siwal S.S.	Recent Advancements in GraphDiyne-Based Nano-Materials for Biomedical Applications	Materials Today: Proceedings	10.1016/j.matpr.2021.12.355	22147853
224	Sharma G., Kumar A., Gill S.S.	Applications of Blockchain in Automated Heavy Vehicles: Yesterday, Today, and Tomorrow	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00004-5	-
225	Meet R.K., Kala D., Al-Adwan A.S.	Exploring Factors Affecting the Adoption of MOOC in Generation Z Using Extended UTAUT2 Model	Education and Information Technologies	10.1007/s10639-022-11052-1	13602357
226	Ummalyima S.B., Sirohi R., Udayan A., Yadav P., Raj A., Sim S.J., Pandey A.	Sustainable Microalgal Biomass Production in Food Industry Wastewater for Low-Cost Biorefinery Products: A Review	Phytochemistry Reviews	10.1007/s11101-022-09814-3	15687767
227	Tyagi R., Vishwakarma S.	Review on Research Trend and Social Sustainability of E-Mobility	Water and Energy International	-	9744207
228	Patel N.P., Parekh R., Thakkar N., Gupta R., Tanwar S., Sharma G., Davidson I.E., Sharma R.	Fusion in Cryptocurrency Price Prediction: A Decade Survey on Recent Advancements, Architecture, and Potential Future Directions	IEEE Access	10.1109/ACCESS.2022.3163023	21693536
229	Kapoor L., Mohammad A., Jha J.M., Srivastava N., Jana S.K., Alshahrani M.Y., Ahmad I., Pal D.B., Gupta V.K.	Biofuel Production Using Fast Pyrolysis of Various Plant Waste Biomasses in Fixed Bed and Twin-Screw Reactors	International Journal of Energy Research	10.1002/er.7904	0363907X

S. No.	Authors	Title	Source Title	DOI	ISSN
230	Bahuguna P.C., Srivastava R., Tiwari S.	Two-Decade Journey of Green Human Resource Management Research: A Bibliometric Analysis	Benchmarking	10.1108/BIJ-10-2021-0619	14635771
231	Malhotra P., Gupta S., Koundal D., Zaguia A., Enbeyle W.	Deep Neural Networks for Medical Image Segmentation	Journal of Healthcare Engineering	10.1155/2022/9580991	20402295
232	Aftab M., Amin R., Koundal D., Aldabbas H., Alouffi B., Iqbal Z.	Classification of COVID-19 and Influenza Patients Using Deep Learning	Contrast Media and Molecular Imaging	10.1155/2022/8549707	15554309
233	Nguyen L.N., Vu M.T., Vu H.P., Johir M.A.H., Labeuw L., Ralph P.J., Mahlia T.M.I., Pandey A., Sirohi R., Nghiem L.D.	Microalgae-Based Carbon Capture And Utilization: A Critical Review on Current System Developments and Biomass Utilization	Critical Reviews in Environmental Science and Technology	10.1080/10643389.2022.2047141	10643389
234	Dhinakaran M., Phasinam K., Alanya-Beltran J., Srivastava K., Babu D.V., Singh S.K.	A System of Remote Patients' Monitoring and Alerting Using the Machine Learning Technique	Journal of Food Quality	10.1155/2022/6274092	1469428
235	Sharma A.K., Nandal A., Dhaka A., Koundal D., Bogatinoska D.C., Alyami H.	Enhanced Watershed Segmentation Algorithm-Based Modified ResNet50 Model for Brain Tumor Detection	BioMed Research International	10.1155/2022/7348344	23146133
236	Yeole N.R., Parthasarthy V.	Design of Experiments (DOE) for Adsorptive Desulfurization (ADS) of Liquid Fuels - A Review	Materials Today: Proceedings	10.1016/j.matpr.2021.12.230	22147853
237	Alsharef A., Aggarwal K., Sonia, Koundal D., Alyami H., Ameyed D.	An Automated Toxicity Classification on Social Media Using LSTM and Word Embedding	Computational Intelligence and Neuroscience	10.1155/2022/8467349	16875265
238	Verma P., Tiwari R., Hong W.C., Upadhyay S., Yeh Y. H.	FETCH: A Deep Learning-Based Fog Computing and IoT Integrated Environment for Healthcare Monitoring and Diagnosis	IEEE Access	10.1109/ACCESS.2022.3143793	21693536
239	Thakur A.K., Kumar R., Banerjee N., Chaudhari P., Kumar A.	Simulation of Ethylene Polymerization in Continuous Slurry Reactors	Materials Today: Proceedings	10.1016/j.matpr.2021.11.235	22147853
240	Soni S., Kumar S., Vats V.S., Khakhal H.R., Dalela B., Dolia S.N., Kumar S., Alvi P.A., Dalela S.	Oxygen Vacancies and Defects Induced Room Temperature Ferromagnetic Properties of Pure and Fe-doped CeO ₂ Nanomaterials Investigated Using X-Ray Photoelectron Spectroscopy	Journal of Electron Spectroscopy and Related Phenomena	10.1016/j.elspec.2021.147140	3682048

S. No.	Authors	Title	Source Title	DOI	ISSN
241	Kumar S., Sastry H.G., Marriboyina V., Alshazly H., Idris S.A., Verma M., Kaur M.	Semantic Information Extraction from Multi-Corpora Using Deep Learning	Computers, Materials and Continua	10.32604/cmc.2022.021149	15462218
242	Tiwari R., Sille R., Salankar N., Singh P.	Utilization and Energy Consumption Optimization for Cloud Computing Environment	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-16-3961-6_50	23674512
243	Kumar D.R., Ranjith K.S., Haldorai Y., Kandasami A., Rajendra Kumar R.T.	Visible Light-Assisted Degradation of 4-Nitrophenol And Methylene Blue Using Low Energy Carbon Ion-Implanted ZnO Nanorod Arrays: Effect on Mechanistic Insights And Stability	Chemosphere	10.1016/j.chemosphere.2021.132283	456535
244	Tiwari R., Mittal M., Garg S., Kumar S.	Energy-Aware Resource Scheduling in FoG Environment for IoT-Based Applications	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-16-3448-2_1	23674512
245	Guha R., Alam I., Bera S.K., Kumar N., Sarkar R.	Enhancement of Image Contrast Using Selfish Herd Optimizer	Multimedia Tools and Applications	10.1007/s11042-021-11404-y	13807501
246	Singh Y., Garg R., Kumar S.	Retracted Article: Friction and Wear Characterization of Modified Jatropha Oil (Jatropha Curcas) Using Pin on Disc Tribometer	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2019.1648607	15567036
247	Abbasi T., Patnaik P., Tauseef S.M., Abbasi S.A.	SHEFROL® Bioreactor Enhances the Ability of Pistia (Pistia Stratiotes) in the Phytoremediation of Greywater	International Journal of Environmental Analytical Chemistry	10.1080/03067319.2020.1738420	3067319
248	Xue Y., Guo Y., Zhang X., Kamali M., M. Aminabhavi T., Appels L., Dewil R.	Efficient Adsorptive Removal of Ciprofloxacin and Carbamazepine Using Modified Pinewood Biochar – A Kinetic, Mechanistic Study	Chemical Engineering Journal	10.1016/j.cej.2022.137896	13858947
249	Xu W., Dong W., Layek S., Shulman M., Glazyrin K., Bykova E., Bykov M., Hanfland M., Pasternak M.P., Leonov I., Greenberg E., Rozenberg G.K.	Pressure-Induced High-Spin/Low-Spin Disproportionated State in the Mott Insulator FeBO ₃	Scientific Reports	10.1038/s41598-022-13507-4	20452322
250	Boruah A., Verma S., Rasheed A., Siddharth Gairola G., Gogoi A.	Macro-Seepage Based Potential New Hydrocarbon Prospects in Assam-Arakan Basin, India	Scientific Reports	10.1038/s41598-022-06045-6	20452322

S. No.	Authors	Title	Source Title	DOI	ISSN
251	Sultan M.H., Moni S.S., Madkhali O.A., Bakkari M.A., Alshahrani S., Alqahtani S.S., Alhakamy N.A., Mohan S., Ghazwani M., Bukhary H.A., Almoshari Y., Salawi A., Alshamrani M.	Characterization of Cisplatin-Loaded Chitosan Nanoparticles and Rituximab-Linked Surfaces as Target-Specific Injectable Nano-Formulations for Combating Cancer	Scientific Reports	10.1038/s41598-021-04427-w	20452322
252	Nagarajan D., Lee D.J., Varjani S., Lam S.S., Allakhverdiev S.I., Chang J.-S.	Microalgae-Based Wastewater Treatment - Microalgae-Bacteria Consortia, Multi-Omics Approaches and Algal Stress Response	Science of the Total Environment	10.1016/j.scitotenv.2022.157110	489697
253	Alamgir Ahmad K., Haider Siddiqui M., Pant K.K., Nigam K.D.P., Shetti N.P., Aminabhavi T.M., Ahmad E.	A Critical Review on Suitability and Catalytic Production of Butyl Levulinate as A Blending Molecule for Green Diesel	Chemical Engineering Journal	10.1016/j.cej.2022.137550	13858947
254	Kumar A., Kumari K., Sharma M.K., Vij A., Kumar S., Huh S.H., Koo B.H.	Chemically Inducing Room Temperature Spin-Crossover in Double Layered Magnetic Refrigerants $\text{Pr}_{1.4}\text{xSr}_{1.6}\text{-xMn}_2\text{O}_7$ ($0.0 \leq x \leq 0.5$)	Journal of Materials Science and Technology	10.1016/j.jmst.2022.01.035	10050302
255	Varghese S., Dhanraj N.D., Rebello S., Sindhu R., Binod P., Pandey A., Jisha M.S., Awasthi M.K.	Leads and Hurdles to Sustainable Microbial Bioplastic Production	Chemosphere	10.1016/j.chemosphere.2022.135390	456535
256	Bhubalan K., Tamothran A.M., Kee S.H., Foong S.Y., Lam S.S., Ganeson K., Vigneswari S., Amirul A.-A., Ramakrishna S.	Leveraging Blockchain Concepts as Watermarkers of Plastics for Sustainable Waste Management in Progressing Circular Economy	Environmental Research	10.1016/j.envres.2022.113631	139351
257	Duan Y., Tarafdar A., Kumar V., Ganesan P., Rajendran K., Shekhar Giri B., Gómez-García R., Li H., Zhang Z., Sindhu R., Binod P., Pandey A., Taherzadeh M.J., Sarsaiya S., Jain A., Kumar Awasthi M.	Sustainable Biorefinery Approaches Towards Circular Economy for Conversion of Biowaste to Value Added Materials and Future Perspectives	Fuel	10.1016/j.fuel.2022.124846	162361
258	Ray R., Prabhu A., Prasad D., Garlapati V.K., Aminabhavi T.M., Mani N.K., Simal Gandara J.	Paper-Based Microfluidic Devices for Food Adulterants: Cost-Effective Technological Monitoring Systems	Food Chemistry	10.1016/j.foodchem.2022.133173	3088146
259	Jiang G., Wu J., Weidhaas J., Li X., Chen Y., Mueller J., Li J., Kumar M., Zhou X., Arora S., Haramoto E., Sherchan S., Orive G., Lertxundi U., Honda R., Kitajima M., Jackson G.	Artificial Neural Network-Based Estimation of COVID-19 Case Numbers and Effective Reproduction Rate Using Wastewater-based Epidemiology	Water Research	10.1016/j.watres.2022.118451	431354

S. No.	Authors	Title	Source Title	DOI	ISSN
260	Lupan O., Santos-Carballal D., Magariu N., Mishra A.K., Ababii N., Kruger H., Wolff N., Vahl A., Bodduluri M.T., Kohlmann N., Kienle L., Adelung R., de Leeuw N.H., Hansen S.	Al ₂ O ₃ /ZnO Heterostructure-Based Sensors for Volatile Organic Compounds in Safety Applications	ACS Applied Materials and Interfaces	10.1021/acsami.2c03704	19448244
261	Sharma M., Adalati R., Kumar A., Mehta M., Chandra R.	Composite Assembling of Oxide-Based Optically Transparent Electrodes for High-Performance Asymmetric Supercapacitors	ACS Applied Materials and Interfaces	10.1021/acsami.2c05189	19448244
262	Singh A.K., Bilal M., Barceló D., Iqbal H.M.N.	A Predictive Toolset for the Identification of Degradation Pattern and Toxic Hazard Estimation of Multimeric Hazardous Compounds Persists in Water Bodies	Science of the Total Environment	10.1016/j.scitotenv.2022.153979	489697
263	Singh A., Kaur N., Kukreja V., Kadyan V., Kumar M.	Computational Intelligence in Processing of Speech Acoustics: A Survey	Complex and Intelligent Systems	10.1007/s40747-022-00665-1	21994536
264	Gupta V., Sharma M., Pachauri R., Dinesh Babu K.N.	Design and Development of Self-Cleaning Pv Sliding System	Clean Energy	10.1093/ce/zkac015	25154230
265	Mankodiya H., Jadav D., Gupta R., Tanwar S., Hong W.C., Sharma R.	OD-XAI: Explainable AI-Based Semantic Object Detection for Autonomous Vehicles	Applied Sciences (Switzerland)	10.3390/app12115310	20763417
266	Thakur A.K., Kumar R., Banerjee N., Chaudhari P., Gaurav G.K.	Hydrodynamic Modeling of Liquid-Solid Flow in Polyolefin Slurry Reactors Using CFD Techniques - A Critical Analysis	Powder Technology	10.1016/j.powtec.2022.117544	325910
267	Tanwar S., Kumari A., Vekaria D., Raboaca M.S., Alqahtani F., Tolba A., Neagu B.C., Sharma R.	GrAb: A Deep Learning-Based Data-Driven Analytics Scheme for Energy Theft Detection	Sensors	10.3390/s22114048	14248220
268	Kakkar R., Gupta R., Agrawal S., Tanwar S., Sharma R.	Blockchain-Based Secure and Trusted Data Sharing Scheme for Autonomous Vehicle Underlying 5G	Journal of Information Security and Applications	10.1016/j.jisa.2022.103179	22142134
269	Al-Harrasi A., Behl T., Upadhyay T., Chigurupati S., Bhatt S., Sehgal A., Bhatia S., Singh S., Sharma N., Vijayabalan S., Palanimuthu V.R., Das S., Kaur R., Aleya L., Bungau S.	Targeting Natural Products Against SARS-CoV-2	Environmental Science and Pollution Research	10.1007/s11356-022-19770-2	9441344

S. No.	Authors	Title	Source Title	DOI	ISSN
270	Sabi E.M., Singh A., Althafar Z.M., Behl T., Sehgal A., Singh S., Sharma N., Bhatia S., Al-Harrasi A., Alqahtani H.M., Bungau S.	Elucidating the Role of Hypoxia-Inducible Factor in Rheumatoid Arthritis	Inflammopharmacology	10.1007/s10787-022-00974-4	9254692
271	Mishra A.M., Harnal S., Gautam V., Tiwari R., Upadhyay S.	Weed Density Estimation in Soya Bean Crop using Deep Convolutional Neural Networks in Smart Agriculture	Journal of Plant Diseases and Protection	10.1007/s41348-022-00595-7	18613829
272	Arun K.B., Sindhu R., Alex D., Binod P., Pughazhendi A., Joseph T.C., Pandey A., Kuddus M., Pillai S., Emmanuel S., Awasthi M.K., Madhavan A.	Bacterial Bioactive Metabolites as Therapeutic Agents: From Production to Action	Sustainable Chemistry and Pharmacy	10.1016/j.scp.2022.100650	23525541
273	Purnachandrakumar D., Mittal G., Sharma R.K., Singh D.B., Tiwari S., Sinhar H.	Review on Performance Assessment of Solar Stills Using Computational Fluid Dynamics (CFD)	Environmental Science and Pollution Research	10.1007/s11356-022-18952-2	9441344
274	Kumar S., Jain I., Khare A., Kumar V., Singh S., Gautam P., Upadhyay S., Anand J., Singh A., Goswami U.	Numerical Optimization of Microwave Treatment and Impact of Storage Period on Bioactive Components of Cumin, Black Pepper and Mustard Oil Incorporated Coriander Leave Paste	Journal of Food Measurement and Characterization	10.1007/s11694-022-01326-0	21934126
275	Labus Zlatanovic D., Bergmann J.P., Balos S., Gräzel M., Pejic D., Sovilj P., Goel S.	Influence of Rotational Speed on the Electrical and Mechanical Properties of the Friction Stir Spot Welded Aluminium Alloy Sheets	Welding in the World	10.1007/s40194-022-01267-8	432288
276	Sahu A.K., Mahapatra S.S., Bhoi N.K., Singh H., Leite M., Goel S.	Experimental Investigation on Microwave Sintered Composite Tool for Electro-Discharge Machining of Titanium Alloy	Journal of Materials Engineering and Performance	10.1007/s11665-021-06546-x	10599495
277	Pandey S.	A Critical Review: Application of Methanol as A Fuel for Internal Combustion Engines and Effects of Blending Methanol with Diesel/Biodiesel/Ethanol on Performance, Emission, and Combustion Characteristics of Engines	Heat Transfer	10.1002/htj.22453	26884534
278	Patel K., Mistry C., Mehta D., Thakker U., Tanwar S., Gupta R., Kumar N.	A Survey on Artificial Intelligence Techniques for Chronic Diseases: Open Issues and Challenges	Artificial Intelligence Review	10.1007/s10462-021-10084-2	2692821

S. No.	Authors	Title	Source Title	DOI	ISSN
279	Tiwari S., Jain A., Ahmed N.M.O.S., Charu, Alkwai L.M., Dafhalla A.K.Y., Hamad S.A.S.	Machine Learning-Based Model for Prediction of Power Consumption in Smart Grid- Smart Way Towards Smart City	Expert Systems	10.1111/exsy.12832	2664720
280	Aswani R.S., Sajith S., Bhat M.Y.	Realigning India's Vietnam Policy Through Cooperative Sustainable Development: A Geostrategic Counterbalancing to China in Indo-Pacific	East Asia	10.1007/s12140-021-09371-0	10966838
281	Singh P., Saharan T., Bhat M.Y.	Does Workplace Issues Influence Women Career Progression ? A Case of Indian Airline Industry	Research in Transportation Business and Management	10.1016/j.rtbm.2021.100699	22105395
282	Arya A., Kaushik D., Almeer R., Bungau S.G., Sayed A.A., Abdel-Daim M.M., Bhatia S., Mittal V.	Application of Green Technologies in Design-Based Extraction of Celastrus paniculatus (Jyotishmati) Seeds, SEM, GC-MS Analysis, and Evaluation for Memory Enhancing Potential	Frontiers in Nutrition	10.3389/fnut.2022.871183	2296861X
283	Srivastava R., Bhardwaj V.P., Othman M.T.B., Pushkarna M., Anushree, Mangla A., Bajaj M., Rehman A.U., Shafiq M., Hamam H.	Match-Level Fusion of Finger-Knuckle Print and Iris for Human Identity Validation Using Neuro-Fuzzy Classifier	Sensors	10.3390/s22103620	14248220
284	Al-Harrasi A., Bhtaia S., Al-Azri M.S., Makeen H.A., Albratty M., Alhazmi H.A., Mohan S., Sharma A., Behl T.	Development and Characterization of Chitosan and Porphyran Based Composite Edible Films Containing Ginger Essential Oil	Polymers	10.3390/polym14091782	20734360
285	Sonne C., Xia C., Lam S.S.	Is Engineered Wood China's Way to Carbon Neutrality?	Journal of Bioresources and Bioproducts	10.1016/j.jobab.2022.03.001	23699698
286	Sharma C., Sinha R.	FLASc: A Formal Algebra for Labeled Property Graph Schema	Automated Software Engineering	10.1007/s10515-022-00336-y	9288910
287	Kodavaty J.	Poly (Vinyl Alcohol) and Hyaluronic Acid Hydrogels as Potential Biomaterial Systems - A Comprehensive Review	Journal of Drug Delivery Science and Technology	10.1016/j.jddst.2022.103298	17732247
288	Silori R., Tauseef S.M.	A Review of the Occurrence of Pharmaceutical Compounds as Emerging Contaminants in Treated Wastewater and Aquatic Environments	Current Pharmaceutical Analysis	10.2174/1573412918666211119142030	15734129

S. No.	Authors	Title	Source Title	DOI	ISSN
289	Kumar S., Behl T., Sehgal A., Chigurupati S., Singh S., Mani V., Aldubayan M., Alhowail A., Kaur S., Bhatia S., Al-Harrasi A., Subramaniyan V., Fuloria S., Fuloria N.K., Sekar M., Abdel Daim M.M.	Exploring the Focal Role of LRRK2 Kinase in Parkinson's Disease	Environmental Science and Pollution Research	10.1007/s11356-022-19082-5	9441344
290	Mishra N., Singh S.P.	Determination of Modes of Vibration for Accurate Modelling of the Flexibility Effects on Dynamics of a Two Link Flexible Manipulator	International Journal of Non-Linear Mechanics	10.1016/j.ijnonlinmec.2022.103943	207462
291	Dixit A., Kumar P., Jakhar S.K.	Effectiveness of Carbon Tax and Congestion Cost in Improving the Airline Industry Greening Level and Welfare: A Case of Two Competing Airlines	Journal of Air Transport Management	10.1016/j.jairtraman.2022.102182	9696997
292	Rai S.K., Rawat A.	Exploring the Nexus Between Environment Quality, Economic Development and Industrialization in BRICS Nations: The Role of Technological Innovation and Income Inequality	Environmental Science and Pollution Research	10.1007/s11356-021-18181-z	9441344
293	Verma G.K., Gope P., Kumar N.	PF-DA: Pairing Free & Secure Data Aggregation for Energy Internet-Based Smart Meter-To-Grid Communication	IEEE Transactions on Smart Grid	10.1109/TSG.2021.3138393	19493053
294	Prathiba S.B., Raja G., Anbalagan S., Gurumoorthy S., Kumar N., Guizani M.	Cybertwin-Driven Federated Learning Based Personalized Service Provision for 6G-V2X	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3133291	189545
295	Aswani R.S.	Non-Traditional Maritime Security Threats in The Indian Ocean Region: Policy Alternatives	Journal of Public Affairs	10.1002/pa.2456	14723891
296	Balabantaray S.R.	Impact of Indian Cinema on Culture and Creation of World View Among Youth: A Sociological Analysis of Bollywood Movies	Journal of Public Affairs	10.1002/pa.2405	14723891
297	Araújo R.G., Rodríguez-Hernández J.A., González-González R.B., Macias-Garbett R., Martínez-Ruiz M., Reyes-Pardo H., Hernández Martínez S.A., Parra-Arroyo L., Melchor-Martínez E.M., Sosa-Hernández J.E., Coronado-Apodaca K.G., Varjani S., Barceló D., Iqbal H.M.N., Parra-Saldivar R.	Detection and Tertiary Treatment Technologies of Poly-and Perfluoroalkyl Substances in Wastewater Treatment Plants	Frontiers in Environmental Science	10.3389/fenvs.2022.864894	2296665X

S. No.	Authors	Title	Source Title	DOI	ISSN
298	Upadhyai R., Upadhyai N., Jain A.K., Chopra G., Roy H., Pant V.	Development and Validation of A Scale for Measuring Hospital Service Quality: A Dyadic Approach	Journal of Health Research	10.1108/JHR-08-2020-0329	8574421
299	Pant S., Kumar A., Ram M., Klochkov Y., Sharma H.K.	Consistency Indices in Analytic Hierarchy Process: A Review	Mathematics	10.3390/math10081206	22277390
300	Manners N., Priya V., Mehata A.K., Rawat M., Mohan S., Makeen H.A., Albratty M., Albarrati A., Meraya A.M., Muthu M.S.	Theranostic Nanomedicines for the Treatment of Cardiovascular and Related Diseases: Current Strategies and Future Perspectives	Pharmaceuticals	10.3390/ph15040441	14248247
301	Bhan U., Boruah A., Maurya D.S., Rai S.K., Goswami L., Singh V.K.	Mineralogy, Organic Richness and Macerated Microbial Studies of the Rohtasgarh Shales in the Vindhyan Basin, India: Implications for Gas Generation Potential	Journal of the Geological Society of India	10.1007/s12594-022-2015-0	167622
302	Monika, Singh K., Kaur M., Thakur A., Sharma R.K., Vij A., Kumar A.	Charge Transport and Photodetection Properties of Mo-doped MnS thin film	Applied Physics A: Materials Science and Processing	10.1007/s00339-022-05385-4	9478396
303	Madaan P., Behl T., Sehgal A., Singh S., Sharma N., Yadav S., Kaur S., Bhatia S., Al-Harrasi A., Abdellatif A.A.H., Ashraf G.M., Abdel-Daim M.M., Dailah H.G., Anwer M.K., Bungau S.	Exploring the Therapeutic Potential of Targeting Purinergic and Orexinergic Receptors in Alcoholic Neuropathy	Neurotoxicity Research	10.1007/s12640-022-00477-8	10298428
304	Singh U., Dua A., Kumar N., Guizani M.	QoS Aware Uplink Scheduling for M2M Communication in LTE/LTE-A Network: A Game Theoretic Approach	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3132535	189545
305	Chithalur P., Al-Turjman F., Kumar M., Stephan T.	MTCEE-LLN: Multilayer Threshold Cluster-Based Energy-Efficient Low-Power and Lossy Networks for Industrial Internet of Things	IEEE Internet of Things Journal	10.1109/JIOT.2021.3107538	23274662
306	Goswami A.	Assessing the Impact of Global Financial Crisis on the Intermediation Efficiency of Indian Banks in the Presence of Non-Performing Loans	Benchmarking	10.1108/BIJ-11-2020-0600	14635771
307	Niti, Seema, Niti, Kumar Y., Sema, Reddy V.R., Vas J.V., Gupta S., Stahn J., Gupta A., Gupta M.	Stabilizing Effects of Ag Doping on Structure And Thermal Stability of FeN Thin Films	Journal of Physics Condensed Matter	10.1088/1361-648X/ac4074	9538984

S. No.	Authors	Title	Source Title	DOI	ISSN
308	Dua M., Kadyan V., Banthia N., Bansal A., Agarwal T.	Spectral Warping and Data Augmentation for Low Resource Language ASR System Under Mismatched Conditions	Applied Acoustics	10.1016/j.apacoust.2022.108643	0003682X
309	Saraswat D., Bhattacharya P., Singh A., Verma A., Tanwar S., Kumar N.	Secure 5G-Assisted UAV Access Scheme in IoBT for Region Demarcation and Surveillance Operations	IEEE Communications Standards Magazine	10.1109/MCO-MSTD.0001.2100057	24712825
310	Anand V., Gupta S., Koundal D., Nayak S.R., Nayak J., Vimal S.	Multi-Class Skin Disease Classification using Transfer Learning Model	International Journal on Artificial Intelligence Tools	10.1142/S0218213022500294	2182130
311	Majumder S., Tripathi M., Fischer H.E., De Souza D.O., Olivi L., Sinha A.K., Choudhary R.J., Phase D.M.	Microscopic Insights of Magnetism in Sm ₂ NiMnO ₆ Double Perovskite	Physical Review B	10.1103/PhysRevB.105.094425	24699950
312	Bhushan S., Alshehri M., Keshta I., Chakraverti A.K., Rajpurohit J., Abugabah A.	An Experimental Analysis of Various Machine Learning Algorithms for Hand Gesture Recognition	Electronics (Switzerland)	10.3390/electronics11060968	20799292
313	Kumar J., Kumar S., Shekhar C., Brajpuriya R., Vij A.	Effect of Eu Doping on the Thermoluminescence of UV and Gamma Irradiated Mg ₂ B ₂ O ₅ Nanophosphors	Luminescence	10.1002/bio.4197	15227235
314	Kaur M., Singh K., Chauhan I., Sharma R.K., Vij A., Kumar A.	Defects-Induced Transition in Low-Temperature Electrical Properties of Boron Carbon Nitride Thin Films	Journal of Materials Science: Materials in Electronics	10.1007/s10854-021-07627-2	9574522
315	Roy A., Sarkar T., Datta S., Maiti A., Chakrabarti M., Mondal T., Mondal C., Banerjee A., Roy S., Mukherjee S., Muley P., Chakraborty S., Banerjee M., Kundu M., Roy K.K.	Structure-Based Discovery of (S)-2-amino-6-(4-fluorobenzyl)-5,6,11,11a-tetrahydro-1H-imidazo[1',5':1,6]pyrido[3,4-b]indole-1,3(2H)-dione as Low Nanomolar, Orally Bioavailable Autotaxin Inhibitor	Chemical Biology and Drug Design	10.1111/cbdd.14017	17470277
316	Raheja S., Alshehri M., Mohamed A.A., Khaitan S., Kumar M., Stephan T.	Correction to: A Smart Intuitionistic Fuzzy Based Framework for Round Robin Short Term Scheduler (The Journal of Supercomputing, (2022), 78, 4, (4655-4679), 10.1007/s11227-021-04052-4)	Journal of Supercomputing	10.1007/s11227-021-04096-6	9208542
317	Dutt S., Ahuja N.J., Kumar M.	An Intelligent Tutoring System Architecture Based on Fuzzy Neural Network (FNN) for Special Education of Learning Disabled Learners	Education and Information Technologies	10.1007/s10639-021-10713-x	13602357

S. No.	Authors	Title	Source Title	DOI	ISSN
318	Kumari A., Kumar A., Dawn R., Franklin J.B., Vinjamuri R., Sahoo S.K., Goutam U.K., Verma V.K., Meena R., Kandasami A., Mahapatra S., Kumar K., Kumar A., Singh V.R.	Valence Band Structure of Cr Doped VO ₂ Thin Films: A Resonant Photoelectron Spectroscopy Study	Journal of Alloys and Compounds	10.1016/j.jallcom.2021.162620	9258388
319	Prabu S., Velan B., Christalin Nelson S., Jayasudha F.V., Visu P., Janarthanan K.	Mobile Technologies for Contact Tracing and Prevention of COVID-19 Positive Cases: A Cross- Sectional Study	International Journal of Pervasive Computing and Communications	10.1108/IJPCC-07-2020-0086	17427371
320	Kumar P.	All-Solid-State CNT Composite Calcium (II) - Selective Potentiometric Sensor Based on 4,7-Diaza-2,3,8,9-Dibenzo-15-Crown-5 Ionophore	Analytical and Bioanalytical Electrochemistry	-	20084226
321	Gao X.Y. et.al.	Search for Tetraquark states Xcc s- s- in Ds ⁺ Ds ⁺ (Ds ⁺ Ds ⁺) Final States at Belle	Physical Review D	10.1103/PhysRevD.105.032002	24700010
322	Soltani S., Emadi R., Javanmard S.H., Kharaziha M., Rahmati A., Thakur V.K., Lotfian S.	Development of an Injectable Shear-Thinning Nanocomposite Hydrogel for Cardiac Tissue Engineering	Gels	10.3390/gels8020121	23102861
323	Fan P., Gao J., Mao H., Geng Y., Yan Y., Wang Y., Goel S., Luo X.	Scanning Probe Lithography: State-of-the-Art and Future Perspectives	Micromachines	10.3390/mi13020228	2072666X
324	Chen W.L., Grabowski R.C., Goel S.	Clay Swelling: Role of Cations in Stabilizing/ Destabilizing Mechanisms	ACS Omega	10.1021/acsomega.1c04384	24701343
325	Shaikh M.A., Patidar A.K., Maurya D.M., Vanik N.P., Padmalal A., Tiwari P., Mukherjee S., Chamyal L.S.	Building Tectonic Framework of A Blind Active Fault Zone Using Field and Ground-Penetrating Radar Data	Journal of Structural Geology	10.1016/j.jsg.2022.104526	1918141
326	Anand V., Gupta S., Koundal D., Nayak S.R., Barsocchi P., Bhoi A.K.	Modified U-NET Architecture for Segmentation of Skin Lesion	Sensors	10.3390/s22030867	14248220
327	Kumar S., Krishali V., Purohit P., Saini I., Kumar V., Singh S., Upadhyay S., Joshi H.C., Wilson I., Singh Tomar M.	Physicochemical Properties, Nutritional and Sensory Quality of Low-Fat Ashwagandha and Giloy-Fortified Sponge Cakes During Storage	Journal of Food Processing and Preservation	10.1111/jfpp.16280	1458892
328	Nidhi, Dahiya S., Kumar A., Duhan S., Goyat M.S.	Single-Pot Hydrothermal Derived TiO ₂ /SBA-16 Cubic Mesoporous Nanocomposite for Humidity Sensing	Journal of Materials Science	10.1007/s10853-021-06822-0	222461
329	Kumar Adichwal N., Ali H. Ahmadini A., Singh Raghav Y., Singh R., Ali I.	Estimation of General Parameters using Auxiliary Information in Simple Random Sampling Without Replacement	Journal of King Saud University - Science	10.1016/j.jksus.2021.101754	10183647

S. No.	Authors	Title	Source Title	DOI	ISSN
330	Kalsoon A., Shankar A.N., Kakaravada I., Jindal P., Lakshmi V.V.K., Rajeshkumar S.	Investigation of Dynamic Properties of A Three-Dimensional Printed Thermoplastic Composite Beam Containing Controllable Core Under Non-Uniform Magnetic Fields	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	10.1177/14644207211045943	14644207
331	Rani N., Rawat K., Saini M., Shrivastava A., Kandasamy G., Saini K., Maity D.	Rod-Shaped ZnO Nanoparticles: Synthesis, Comparison and in Vitro Evaluation of their Apoptotic Activity in Lung Cancer Cells	Chemical Papers	10.1007/s11696-021-01942-y	3666352
332	Singh J., Singh K., Kaur M., Thakur A., Sharma R.K., Vij A., Kumar A.	Effect of Temperature on Carrier Transport and Photoconductivity of Mn-Doped FeS ₂ Thin Films	Progress in Natural Science: Materials International	10.1016/j.pnsc.2021.10.007	10020071
333	Khare S.K.	Machine Vision for Drill String Slip Status Detection	Petroleum Research	10.1016/j.ptlrs.2021.08.001	20962495
334	Yao Y., Gu B., Alazab M., Kumar N., Han Y.	Integrating Multihub Driven Attention Mechanism and Big Data Analytics for Virtual Representation of Visual Scenes	IEEE Transactions on Industrial Informatics	10.1109/TII.2021.3089689	15513203
335	Barik A., Sahu J.P.	The Long-Run Effect of Public Debt on Economic Growth: Evidence From India	Journal of Public Affairs	10.1002/pa.2281	14723891
336	Bhardwaj A., Kumar M., Stephan T., Shankar A., Ghalib M.R., Abujar S.	IAF: IoT Attack Framework and Unique Taxonomy	Journal of Circuits, Systems and Computers	10.1142/S0218126622500293	2181266
337	Sarkar I., Adhikari M., Kumar N., Kumar S.	Dynamic Task Placement for Deadline-Aware IoT Applications in Federated Fog Networks	IEEE Internet of Things Journal	10.1109/JIOT.2021.3088227	23274662
338	Gupta D., Chauhan V., Upadhyay S., Koratkar N., Singh F., Kumar S., Mahajan A., Chandra R., Kumar R.	Defects Engineering and Enhancement in Optical and Structural Properties of 2D-MoS ₂ Thin Films By High Energy Ion Beam Irradiation	Materials Chemistry and Physics	10.1016/j.matchemphys.2021.125422	2540584
339	Kaushik V., Pathak S., Sharma H., Sachdev S., Anwer S., Prakash C.	Impact of Edge Functionalization on Electron Field-Emission Characteristics of Carbon Nanotubes: A Theoretical Approach	Physica B: Condensed Matter	10.1016/j.physb.2021.413491	9214526
340	Kumar R., Swarnkar M., Singal G., Kumar N.	IoT Network Traffic Classification Using Machine Learning Algorithms: An Experimental Analysis	IEEE Internet of Things Journal	10.1109/JIOT.2021.3121517	23274662

S. No.	Authors	Title	Source Title	DOI	ISSN
341	Bharath Sabarish V.C., Durairajan A., Graça M.P.F., Valente M.A., Gajendiran J., Rajasekhar B.N., Bhatt R., Bhaumik I., Karnal A.K., Sinha A.K., Singh M.N., Gokulraj S., Ramesh Kumar G.	Exploration of Gamma Irradiation Effects on the Structural, Spectral Characteristics, Thermo mechanical Behaviour and Optical Constants in <011>Oriented Glycine-Di-Glycinium Sulphate (TGS) Single Crystals	Journal of Molecular Structure	10.1016/j.molstruc.2021.131450	222860
342	Kumar S., Sharma K., Sharma G., Gupta A., Raghavendra Reddy V., Gome A., Das S.C.	Effect of Composition on L10 Ordering, Structural and Magnetic Properties of Fe100-xPt Alloy Films Prepared by Controlled Sputtering	Materials Today: Proceedings	10.1016/j.matpr.2021.11.222	22147853
343	Gundaboina L., Badotra S., Bhatia T.K., Sharma K., Mehmood G., Fayaz M., Khan I.U.	Mining Cryptocurrency-Based Security Using Renewable Energy as Source	Security and Communication Networks	10.1155/2022/4808703	19390114
344	Sharma T., Sharma P., Chandel P., Singh S., Sharma N., Naved T., Bhatia S., Al-Harrasi A., Bungau S., Behl T.	Circumstantial Insights into the Potential of Traditional Chinese Medicinal Plants as a Therapeutic Approach in Rheumatoid Arthritis	Current Pharmaceutical Design	10.2174/1381612828666220324124720	13816128
345	Mishra M., Sarkar T., Choudhury T., Bansal N., Smaoui S., Rebezov M., Shariati M.A., Lorenzo J.M.	Allergen30: Detecting Food Items with Possible Allergens Using Deep Learning-Based Computer Vision	Food Analytical Methods	10.1007/s12161-022-02353-9	19369751
346	Rajani R.L., Heggde G.S., Kumar R.	Services Redesign Strategies for Demand and Capacity Management and Impact on Company Performance	Vision	10.1177/09722629221107238	9722629
347	Govindasamy G., Praveen Kumar J.	Hydrothermal Liquefaction of Food Waste to Bio-Oil Over Hierarchical Fe-Co-ZSM-5 Catalyst for the Circular Economy	Materials Today: Proceedings	10.1016/j.matpr.2022.06.292	22147853
348	Abdulabbas Hasan M., Mohan S., Rahman H.S., Othman H.H., Hamasalih Omer S., Farasani A.	The Sub-acute Toxicity of Kavalactone in Rats: A Study of the Effect of Oral Doses and the Mechanism of Toxicity in Combination with Ethanol	Drug and Chemical Toxicology	10.1080/01480545.2022.2069803	1480545
349	Bathla G., Bhadane K., Singh R.K., Kumar R., Aluvalu R., Krishnamurthi R., Kumar A., Thakur R.N., Basheer S.	Autonomous Vehicles and Intelligent Automation: Applications, Challenges, and Opportunities	Mobile Information Systems	10.1155/2022/7632892	1574017X
350	Kansara S., Modgil S., Kumar R.	Structural Transformation of Fuzzy Analytical Hierarchy Process: A Relevant Case for Covid-19	Operations Management Research	10.1007/s12063-022-00270-y	19369735

S. No.	Authors	Title	Source Title	DOI	ISSN
351	Tan H., Zheng W., Vijayakumar P., Sakurai K., Kumar N.	An Efficient Vehicle-Assisted Aggregate Authentication Scheme for Infrastructure-Less Vehicular Networks	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2022.3176406	15249050
352	Bisaria K., Singh R., Gupta M., Mathur A., Dixit A.	Novel Acoustic-Activated Alkali-Functionalized Trapa Bispinosa Peel Biochar For Green Immobilization of Chlorpyrifos from Wastewater: Artificial Intelligence Modelling and Experimental Validation	Biomass Conversion and Biorefinery	10.1007/s13399-022-02898-z	21906815
353	Roy S., Mathur A., Pati A.B.	Conventional and Emerging Technologies for Combating Hirschsprung's Disease: The Scope of Electroanalytical Sensing Modalities	Sensors International	10.1016/j.sintl.2022.100184	26663511
354	Ragab M., Alshehri S., Alhakamy N.A., Mansour R.F., Koundal D.	Multiclass Classification of Chest X-Ray Images for the Prediction of COVID-19 Using Capsule Network	Computational Intelligence and Neuroscience	10.1155/2022/6185013	16875265
355	McClelland J., Murphy A., Jin Y., Goel S.	Correlating Tool Wear to Intact Carbon Fibre Contacts During Drilling of Continuous Fibre Reinforced Polymers (CFRP)	Materials Today: Proceedings	10.1016/j.matpr.2022.03.727	22147853
356	Mittal U., Chawla P., Kumar A.	Smart Traffic Light Management System for Heavy Vehicles	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00013-6	-
357	Krishnamurthi R., Kumar A., Gill S.S.	Autonomous and Connected Heavy Vehicle Technology	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.09990-0	-
358	Srikanth P., Kumar A.	Automatic Vehicle Number Plate Detection and Recognition Systems: Survey and Implementation	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00007-0	-
359	Jain S., Kumar A., Kaushik K., Krishnamurthi R.	Autonomous Driving Systems and Experiences: A Comprehensive Survey	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00003-3	-
360	Verma S., Soni A., Mishra V., Gupta V., Krishnamurthi R., Kumar A.	Smart Automated System for Classification of Emergency Heavy Vehicles and Traffic Light Controlling	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00014-8	-
361	Kakkar R., Alzubi J., Dua A., Agrawal S., Tanwar S., Agrawal R., Sharma G., Bokoro P.N., Sharma R.	PADaaV: Blockchain-Based Parking Price Prediction Scheme for Sustainable Traffic Management	IEEE Access	10.1109/ACCESS.2022.3173162	21693536

S. No.	Authors	Title	Source Title	DOI	ISSN
362	Singh M.K., Kumar S., Bhatnagar G., Saini D., Ali M., Sharma C.M., Sharma N.	A Blend of Analytical and Numerical Methods to Compute Orthogonal Image Moments over a Unit Disk	Wireless Communications and Mobile Computing	10.1155/2022/1344584	15308669
363	Goswami S., Kushwaha A., Goswami L., Gupta N.R., Kumar V., Bhan U., Reddy B.S., Tripathi K.M.	Nanobiochar - A Green Catalyst for Wastewater Remediation	Bio-Based Nanomaterials: Synthesis Protocols, Mechanisms and Applications	10.1016/B978-0-323-85148-0.00010-5	-
364	Zakariah M., Alotaibi Y.A., Koundal D., Guo Y., Mamun Elahi M.	Sign Language Recognition for Arabic Alphabets Using Transfer Learning Technique	Computational Intelligence and Neuroscience	10.1155/2022/4567989	16875265
365	Lepcha D.C., Dogra A., Goyal B., Chohan J.S., Koundal D., Zaguia A., Hamam H.	Multimodal Medical Image Fusion Based on Pixel Significance Using Anisotropic Diffusion and Cross Bilateral Filter	Human-centric Computing and Information Sciences	10.22967/HICIS.2022.12.015	21921962
366	Arya A.K.	A Critical Review on Optimization Parameters and Techniques for Gas Pipeline Operation Profitability	Journal of Petroleum Exploration and Production Technology	10.1007/s13202-022-01490-5	21900558
367	Dhawale P.V., Vineeth S.K., Gadhave R.V., Fatima M. J. J., Supekar M.V., Thakur V.K., Raghavan P.	Tannin as A Renewable Raw Material for Adhesive Applications: A Review	Materials Advances	10.1039/d1ma00841b	26335409
368	Kolanthai E., Ahymah Joshy M.I., Thanigai Arul K., Manojkumar P., Rameshbabu N., Ashok M., Sivakumar G.R., Asokan K., Narayana Kalkura S.	Effect of Swift Heavy Silicon Ion Irradiation on TiO ₂ Thin Film Prepared by Micro Arc Oxidized Technique	Materials Today: Proceedings	10.1016/j.matpr.2021.12.312	22147853
369	Kumar S.	Vibration Analysis of Non-Uniform Axially Functionally Graded Beam Resting on Pasternak Foundation	Materials Today: Proceedings	10.1016/j.matpr.2022.03.622	22147853
370	Chaturvedi R., Sharma A., Bhargava A., Rajpurohit J., Gothwal P.	Multi-level Segmentation of Fruits Using Modified Firefly Algorithm	Food Analytical Methods	10.1007/s12161-022-02290-7	19369751
371	Arora M., Kumar R., Anand N.	Analysis of Frozen Food Adoption by The Consumer in Uttarakhand, A State of India: An Inferential Statistics Approach	International Journal of Value Chain Management	10.1504/IJVC M.2022.122164	17415357
372	Jadav N.K., Gupta R., Alshehri M.D., Mankodiya H., Tanwar S., Kumar N.	Deep Learning and Onion Routing-based Collaborative Intelligence Framework for Smart Homes underlying 6G Networks	IEEE Transactions on Network and Service Management	10.1109/TNSM.2022.3164715	19324537

S. No.	Authors	Title	Source Title	DOI	ISSN
373	Ahmed M.M., Fatima F., Alali A., Kalam M.A., Alhazzani K., Bhatia S., Alshehri S., Ghoneim M.M.	Ribociclib-Loaded Ethylcellulose-Based Nanosponges: Formulation, Physicochemical Characterization, and Cytotoxic Potential against Breast Cancer	Adsorption Science and Technology	10.1155/2022/1922263	2636174
374	Bamola P., Rawat S., Tanwar M., Asokan K., Dwivedi C., Kumar R., Sharma H.	Effect of Low Energy Ion Irradiation on TiO ₂ -Based Hybrid Nanostructures for Enhanced Photocatalytic Activity	European Physical Journal: Special Topics	10.1140/epjs/s11734-022-00545-2	19516355
375	Chaturvedi S., Bahuguna P.C., Raman U.	Developing Innovativeness and Competency Through Talent Management in Indian Oil And Gas Sector	International Journal of Business Innovation and Research	10.1504/IJBIR.2022.121540	17510252
376	Joshi D., Prajapati P., Sharma P., Sharma A.	Past, Present and Future of Coal Bed Methane (CBM): A Review With Special Focus On the Indian Scenario	International Journal of Coal Preparation and Utilization	10.1080/19392699.2022.2051014	19392699
377	Wadhwa S., Rani S., Kaur G., Koundal D., Zaguia A., Enbeyle W.	HeteroFL Blockchain Approach-Based Security for Cognitive Internet of Things	Wireless Communications & Mobile Computing	10.1155/2022/5730196	15308669
378	Singh R.R., Thakral M., Kaushik S., Jain A., Chhabra G.	A Blockchain-Based Expectation Solution for the Internet of Bogus Media	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-16-7610-9_28	23674512
379	Uma V.S., Usmani Z., Sharma M., Diwan D., Sharma M., Guo M., Tuohy M.G., Makatsoris C., Zhao X., Thakur V.K., Gupta V.K.	Valorisation of Algal Biomass To Value-Added Metabolites: Emerging Trends and Opportunities	Phytochemistry Reviews	10.1007/s11101-022-09805-4	15687767
380	Raja R., Swarup C., Kumar A., Singh K.U., Singh T., Gupta D., Varshney N., Jain S.	Detection of Behavioral Patterns Employing a Hybrid Approach of Computational Techniques	Computers, Materials and Continua	10.32604/cmc.2022.022904	15462218
381	Patel R.K., Kumari A., Tanwar S., Hong W.C., Sharma R.	AI-Empowered Recommender System for Renewable Energy Harvesting in Smart Grid System	IEEE Access	10.1109/ACCESS.2022.3152528	21693536
382	Bathla G., Rani R., Aggarwal H.	Stocks of Year 2020: Prediction of High Variations in Stock Prices Using LSTM	Multimedia Tools and Applications	10.1007/s11042-022-12390-5	13807501
383	Shankar A.N., Maneengam A., Javeed Siddique M., Singholi A.K.S., Selvaraj R.	Optimization of Damping Characteristics of Tapered MWCNT/Glass Fiber Reinforced Composite Rectangular Sandwich Plates: A Higher-Order Finite Element Formulation	Mechanics of Advanced Materials and Structures	10.1080/15376494.2022.2028945	15376494

S. No.	Authors	Title	Source Title	DOI	ISSN
384	Sarita, Mukherjee S., Choudhury T., Kulshrestha K., Singh R.	Diagnosing Alzheimer's Disease Using Convolution Neural Networks	Journal of Computer Science	10.3844/jcssp.2022.67.77	15493636
385	Salankar N., Koundal D., Chakraborty C., Garg L.	Automated Attention Deficit Classification System from Multimodal Physiological Signals	Multimedia Tools and Applications	10.1007/s11042-022-12170-1	13807501
386	Kumar A., Thakur A.K., Gaurav G.K., Ravuru N.R.	Experiments on Liquid Film Thickness Around Taylor Finger	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2020-0155	15426580
387	Chauhan I., Kaur M., Singh K., Sharma R.K., Vij A., Thakur A., Kumar A.	Temperature - And Light - Dependent Photoconductivity Studies of Thermally Evaporated Wte2 Thin Film for Photodetection Application	Applied Nanoscience (Switzerland)	10.1007/s13204-021-02076-z	21905509
388	Abed F.N., Ramesh V., Fadhil Jwaied M., Agarwal N., Koundal D., Mohamed Ibrahim A.	Enhancement Modelling Based on Electrical Discharge Machining Successive Discharges	Advances in Materials Science and Engineering	10.1155/2022/8017375	16878434
389	Sharma A., Pali H.S., Kumar M., Singh N.K., Singh Y., Singh D.	Study The Effect of Optimized Input Parameters on A CRDI Diesel Engine Running With Waste Frying Oil Methyl Ester-Diesel Blend Fuel with ZnO Nanoparticles: A Response Surface Methodology Approach	Biomass Conversion and Biorefinery	10.1007/s13399-021-02158-6	21906815
390	Li M., Chen Y., Kumar N., Lal C., Conti M., Alazab M.	Quantifying Location Privacy for Navigation Services in Sustainable Vehicular Networks	IEEE Transactions on Green Communications and Networking	10.1109/TGCN.2022.3144641	24732400
391	Kaur P., Kriti, Rahul, Kaur S., Kumar V., Kandasami A., Singh D.P.	Temperature-Dependent Characteristics of ZnO Phosphors from Synchrotron-Based Vacuum Ultraviolet Photoluminescence Spectroscopy	European Physical Journal Plus	10.1140/epjp/s13360-022-02356-9	21905444
392	Rai S., Rai A., Kumar K., Naik A.S., Singh N., Srivastava D.K., Singh P.K.	Study of Micro-Structures and their Relation With Occurrence of Mineral Matter in Ramagundam Coals, Godavari Basin, India: Implications on Coal and Hydrocarbon Industries	Journal of the Geological Society of India	10.1007/s12594-022-1934-0	167622
393	Akhtar J., Sana A., Tauseef S.M., Chellaiah G., Kaliyaperumal P., Sarkar H., Ayyamperumal R.	Evaluating the Groundwater Potential of Wadi Al-Jizi, Sultanate of Oman, by Integrating Remote Sensing And GIS Techniques	Environmental Science and Pollution Research	10.1007/s11356-021-17848-x	9441344

S. No.	Authors	Title	Source Title	DOI	ISSN
394	Roy D., Srivastava R., Jat M., Karaca M.S.	A Complete Overview of Analytics Techniques: Descriptive, Predictive, and Prescriptive	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_2	25228595
395	Singh S., Anand A., Mukherjee S., Choudhury T.	Machine Learning Applications in Decision Intelligence Analytics	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_15	25228595
396	Sharma H.K., Choudhury T., Mahdi H.F.	Social and Web Analytics: An Analytical Case Study on Twitter Data	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_12	25228595
397	Kumar P., Sharma D., Pandey P.	Coordination Mechanisms for Digital and Sustainable Textile Supply Chain	International Journal of Productivity and Performance Management	10.1108/IJPPM-11-2020-0615	17410401
398	Hasija T., Kadyan V., Guleria K., Alharbi A., Alyami H., Goyal N.	Prosodic Feature-Based Discriminatively Trained Low Resource Speech Recognition System	Sustainability (Switzerland)	10.3390/su14020614	20711050
399	Bose D., Mohan K., CS M., Yadav M., Saini D.K.	Review of Autonomous Campus and Tour Guiding Robots with Navigation Techniques	Australian Journal of Mechanical Engineering	10.1080/14484846.2021.2023266	14484846
400	Zahoor I., Singh S., Behl T., Sharma N., Naved T., Subramaniyan V., Fuloria S., Fuloria N.K., Bhatia S., Al-Harrasi A., Aleya L., Wani S.N., Vargas-De-La-Cruz C., Bungau S.	Emergence of Microneedles as A Potential Therapeutics in Diabetes Mellitus	Environmental Science and Pollution Research	10.1007/s11356-021-17346-0	9441344
401	Jain A., Yadav K., Alharbi H.F., Tiwari S.	IoT& AI Enabled Three-Phase Secure and Non-Invasive Covid 19 Diagnosis System	Computers, Materials and Continua	10.32604/cmc.2022.020238	15462218
402	Kaushik K., Surana S.	An Offensive Approach for Hiding Malicious Payloads in an Image	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-16-3961-6_23	23674512
403	Yadav K., Alharbi A., Jain A., Ramadan R.A.	An IoT Based Secure Patient Health Monitoring System	Computers, Materials & Continua	10.32604/cmc.2022.020614	15462218
404	Gupta R., Tanwar S., Kumar N.	B-IoMV: Blockchain-Based Onion Routing Protocol for D2D Communication in An IoMV Environment Beyond 5G	Vehicular Communications	10.1016/j.vehcom.2021.100401	22142096
405	Behera A.K., Manna S., Das N.	Effect of Soy Waste/Cellulose on Mechanical, Water Sorption, & Biodegradation Properties of Thermoplastic Starch Composites	Starch/Staerke	10.1002/star.202100123	389056

S. No.	Authors	Title	Source Title	DOI	ISSN
406	Hooda A., Kumar A., Goyat M.S., Gupta R.	Estimation of Surface Roughness for Transparent Superhydrophobic Coating Through Image Processing and Machine Learning	Molecular Crystals and Liquid Crystals	10.1080/15421406.2021.1935162	15421406
407	Kumar P., Garg V., Mittal S., Murthy Y.V.N.K.	GIS-Based Hazard and Vulnerability Assessment of A Torrential Watershed	Environment, Development and Sustainability	10.1007/s10668-021-01476-z	1387585X
408	Sharma A., Shoval S., Sharma A., Pandey J.K.	Path Planning for Multiple Targets Interception by the Swarm of UAVs Based on Swarm Intelligence Algorithms: A Review	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	10.1080/02564602.2021.1894250	2564602
409	Anand G., Yick J., Kabir S.N.	Rheological and Tribological Properties of Jatropha Curcas Biolubricants at Various Blend Concentrations	Biofuels	10.1080/17597269.2020.1833410	17597269
410	Kumar T., Kalyanasundaram N.	Effective Medium Properties of A Ferromagnetic Microwire Grid	Waves in Random and Complex Media	10.1080/17455030.2020.1778212	17455030
411	Suhane S., Rastogi R., Dhakad S., Kinkar A., Mondal P., Yadav B.P., Nandan A.	Fluoride Removal from Water Using Ceramic Based Adsorbent Prepared from Spent Mosquito Repellent Liquid Vaporiser Rods	International Journal of Environmental Analytical Chemistry	10.1080/03067319.2020.1759566	3067319
412	Nair.C R.K., Saini D.K., Jayaraju M.	Dynamism of Parasite Capacitance of AC Electric Traction Line Inside the Railway Tunnels	IETE Journal of Research	10.1080/03772063.2019.1649205	3772063
413	Jaunet P., Kunwer R., Raghav G.	Numerical Analysis of Thermal Energy Storage System Using Packed-Bed	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2019.1652372	15567036
414	Goyal B., Dogra A., Lepcha D.C., Koundal D., Alhudhaif A., Alenezi F., Althubiti S.A.	Multi-Modality Image Fusion for Medical Assistive Technology Management Based on Hybrid Domain Filtering	Expert Systems with Applications	10.1016/j.eswa.2022.118283	9574174
415	Tiwari S.K., Rao A.U., Chawla V., Dubey P., Saxena V., Chawla A.K., Avasthi D.K.	Synthesis and Characterization of Sputter-deposited Ni-Rich Ni3Al Hard Coatings	Journal of Alloys and Compounds	10.1016/j.jallcom.2022.166802	9258388
416	Pathania D., Sharma M., Thakur P., Chaudhary V., Kaushik A., Furukawa H., Khosla A.	Exploring Phytochemical Composition, Photocatalytic, Antibacterial, and Antifungal Efficacies of Au NPs Supported by Cymbopogon Flexuosus Essential Oil	Scientific Reports	10.1038/s41598-022-15899-9	20452322

S. No.	Authors	Title	Source Title	DOI	ISSN
417	Sharma P., Bano A., Pratap Singh S., Atkinson J.D., Shiung Lam S., Iqbal H.M.N., Wah Tong Y.	Nanomaterials as Highly Efficient Photocatalysts Used for Bioenergy and Biohydrogen Production From Waste Towards A Sustainable Environment	Fuel	10.1016/j.fuel.2022.125408	162361
418	Nijhawan R., Ansari S.A., Kumar S., Alassery F., El-kenawy S.M.	Gun Identification From Gunshot Audios for Secure Public Places Using Transformer Learning	Scientific Reports	10.1038/s41598-022-17497-1	20452322
419	Chaudhary V., Bhadola P., Kaushik A., Khalid M., Furukawa H., Khosla A.	Assessing Temporal Correlation in Environmental Risk Factors to Design Efficient Area-Specific COVID-19 Regulations: Delhi Based Case Study	Scientific Reports	10.1038/s41598-022-16781-4	20452322
420	Jaiswal A.K., Singh G.N., Pandey A.K.	Improved Procedures for Mean Estimation Under Non-Response	Alexandria Engineering Journal	10.1016/j.aej.2022.06.031	11100168
421	Priya J.C., Choudhury T., Khanna A., Preethi R.	Blockchain-Based Transfer Learning For Health Screening with Digital Anthropometry from Body Images	Network Modeling Analysis in Health Informatics and Bioinformatics	10.1007/s13721-022-00363-5	21926662
422	Pandey A., Gupta V.K.	Special Issue 'Microbial Glycobiotechnology'	Microbial Cell Factories	10.1186/s12934-022-01784-7	14752859
423	Sarup R., Sharma M., Behl K., Kumar Avasthi D., Kumar P., Ojha S., Nigam S., Joshi M.	Fabrication of Superhydrophobic Polyurethane Sponge Coated With Oil Sorbent Derived From Textile Sludge for Oily Wastewater Remediation	Environmental Nanotechnology, Monitoring and Management	10.1016/j.enm.2022.100675	22151532
424	Kumari K., Kumar S., Kumar A., Sharma M.K., Yadav N., Park S. J., Kim J. S., Huh S. H., Koo B.H.	Maneuvering The Magnetic Anisotropy in Single-Phase Nanocrystalline α -FeCo Via External Static Magnetic Field Assisted One Dimensional Growth	Journal of Alloys and Compounds	10.1016/j.jallco.2022.166529	9258388
425	Banitaba S.N., Semnani D., Heydari-Soureshjani E., Arifeen W.U., Ko T.J., Rezaei B., Ensafi A.A., Latifi M., Mostafavi E., Kaushik A.	Fabrication and Performance Evaluation of CuO, NiO, and Co ₃ O ₄ -Embedded Electrospun Electrolytes: Suitable for Lithium Polymer Solvent-Free Batteries	Journal of Alloys and Compounds	10.1016/j.jallco.2022.166482	9258388
426	Vardhan H., Singh S., Gupta S., Sharma K., Jafri Y., Gupta M., Reddy V.R., Rawat R.S., Gupta A., Gome A., Sharma G.	Tailoring Structural and Magnetic viz. Static and Dynamic Properties of Soft Magnetic CoFeB Film With TA Incorporation	Journal of Alloys and Compounds	10.1016/j.jallco.2022.166357	9258388

S. No.	Authors	Title	Source Title	DOI	ISSN
427	Singh Y., Rahim E.A., Singh N.K., Sharma A., Singla A., Palamanit A.	Friction And Wear Characteristics of Chemically Modified Mahua (Madhuca Indica) Oil Based Lubricant with SiO ₂ Nanoparticles as Additives	Wear	10.1016/j.wear.2022.204463	431648
428	Chauhan I., Kaur M., Singh K., Sharma R.K., Kumar M., Yun J. H., Kumar A.	WTe ₂ /FeS ₂ Nanocomposite Thin Films: Structural, Compositional, Temperature-Dependent Photo detection Studies	Materials Science in Semiconductor Processing	10.1016/j.mssp.2022.107039	13698001
429	Mudoi M.P., Sinha S., Parthasarthy V.	Optimizing the Alkali Treatment of Cellulosic Himalayan Nettle Fibre for Reinforcement in Polymer Composites	Carbohydrate Polymers	10.1016/j.carbpol.2022.119937	1448617
430	Chauhan S., Dahiya D., Sharma V., Khan N., Chaurasia D., Nadda A.K., Varjani S., Pandey A., Bhargava P.C.	Advances from Conventional to Real Time Detection of Heavy Metal(oid)s for Water Monitoring: An Overview of Biosensing Applications	Chemosphere	10.1016/j.chemosphere.2022.136124	456535
431	Kumar R., Sharma P., Yang W., Sillanpää M., Shang J., Bhattacharya P., Vithanage M., Maity J.P.	State-of-the-art of Research Progress on Adsorptive Removal of Fluoride-Contaminated Water Using Biochar-Based Materials: Practical Feasibility Through Reusability and Column Transport Studies	Environmental Research	10.1016/j.envres.2022.114043	139351
432	Mishra S., Singh S.S., Kumar A., Biswas B.	ELP: Link Prediction in Social Networks Based on Ego Network Perspective	Physica A: Statistical Mechanics and its Applications	10.1016/j.physa.2022.128008	3784371
433	Iqbal A., Qyyum M.A., Ojasvi, Ahmad S.A., Lam S.S.	Exploitation of Distillation Region Diagrams for Energy-Efficient and Cost-Effective Treatment of a Hazardous Effluent Discharged from Semi-Conductor Industries	Chemosphere	10.1016/j.chemosphere.2022.135846	456535
434	Das A., Kumar M., Jha P.K., Kumari R., Panday D.P., Hdeib R., Mahlknecht J., Deshpande R.D.	Isotopic and Hydrogeochemical Tracking of Dissolved Nutrient Dynamics in the Brahmaputra River System: A Source Delineation Perspective	Chemosphere	10.1016/j.chemosphere.2022.135757	456535
435	Pachauri R.K., Motahhir S., Gupta A.K., Sharma M., Minai A.F., Hossain M.S., Yassine A.	Game Theory Based Strategy to Reconfigure PV Module Arrangements for Achieving Higher GMPP under PSCs: Experimental Feasibility	Energy Reports	10.1016/j.egyr.2022.08.006	23524847

S. No.	Authors	Title	Source Title	DOI	ISSN
436	Kim E.B., Akhtar M.S., Ameen S., Umar A., Qasem H., Rubahn H.G., Shkir M., Kaushik A., Mishra Y.K.	Improving The Performance Of 2D Perovskite Solar Cells By Carrier Trappings and Minifying the Grain Boundaries	Nano Energy	10.1016/j.nanoen.2022.107673	22112855
437	Jegadeesan P., Amirthapandian S., Kaur G., Kumar D.S., Das A., Avasthi D.K., Ananthasivan K., Panigrahi B.K.	Investigations on Ion Irradiation Induced Modifications in Th 5f Occupancy in Thoria	Journal of Nuclear Materials	10.1016/j.jnucmat.2022.153961	223115
438	Li S., Paidar M., Liu S., Mehrez S., Kumar P.S., Mohanavel V.	Importance of Pin Number on Mechanical Properties and Wear Performance During Manufacturing of AA6061/316 Surface Composite Via FSP	Materials Letters	10.1016/j.matlet.2022.132919	0167577X
439	Raj T., Chandrasekhar K., Park J., Varjani S., Sharma P., Kumar D., Yoon J.J., Pandey A., Kim S.H.	Synthesis of Fatty Acid-Based Ammonium Ionic Liquids and their Application for Extraction of Co(II) and Ni(II) Metals Ions from Aqueous Solution	Chemosphere	10.1016/j.chemosphere.2022.135787	456535
440	Gahlot R., Verma A., Kumar M.	Geotechnical Behavior of Fly Ash-Coal Ash and Bentonite Clay Composite as A Landfill Barrier Material with Special Emphasis on Desiccation Cracks	Environmental Research	10.1016/j.envres.2022.113853	139351
441	Mathur A., Roy S., Nagabooshanam S., Wadhwa S., Dubey S.	Effect of Gap Size of Gold Interdigitated Electrodes on the Electrochemical Immunosensing of Cardiac Troponin-I For Point-of-Care Applications	Sensors and Actuators Reports	10.1016/j.snr.2022.100114	26660539
442	Guo M., Wang J., Zhang C., Zhang X., Xia C., Lin H., Lin C.Y., Lam S.S.	Cellulose-Based Thermo sensitive Supramolecular Hydrogel for Phenol Removal From Polluted Water	Environmental Research	10.1016/j.envres.2022.113863	139351
443	Sethi S.K., Gogoi R., Verma A., Manik G.	How Can the Geometry of A Rough Surface Affect its Wettability? - A Coarse-Grained Simulation Analysis	Progress in Organic Coatings	10.1016/j.porgcoat.2022.107062	3009440
444	Rana A.K., Scarpa F., Thakur V.K.	Cellulose/Polyaniline Hybrid Nanocomposites: Design, Fabrication, and Emerging Multidimensional Applications	Industrial Crops and Products	10.1016/j.indcrop.2022.115356	9266690
445	Reena R., Sindhu R., Athiyaman Balakumaran P., Pandey A., Awasthi M.K., Binod P.	Insight into Citric Acid: A Versatile Organic Acid	Fuel	10.1016/j.fuel.2022.125181	162361

S. No.	Authors	Title	Source Title	DOI	ISSN
446	Kamal M.M., Mamat R., Mangla S.K., Kumar P., Despoudi S., Dora M., Tjahjono B.	Immediate Return in Circular Economy: Business to Consumer Product Return Information Sharing Framework to Support Sustainable Manufacturing in Small and Medium Enterprises	Journal of Business Research	10.1016/j.jbusres.2022.06.021	1482963
447	Kumar A., Yadav A.S., Gill S.S., Pervaiz H., Ni Q., Buyya R.	A Secure Drone-to-Drone Communication and Software Defined Drone Network-Enabled Traffic Monitoring System	Simulation Modelling Practice and Theory	10.1016/j.simpat.2022.102621	1569190X
448	Goswami R., Neog N., Bhagat C., Hdeib R., Mahlknecht J., Kumar M.	Arsenic in the Groundwater of the Upper Brahmaputra Floodplain: Variability, Health Risks and Potential Impacts	Chemosphere	10.1016/j.chemosphere.2022.135621	456535
449	Sharma P., Bano A., Singh S.P., Sharma S., Xia C., Nadda A.K., Lam S.S., Tong Y.W.	Engineered Microbes as Effective Tools for The Remediation of Polyaromatic Aromatic Hydrocarbons and Heavy Metals	Chemosphere	10.1016/j.chemosphere.2022.135538	456535
450	Foong S.Y., Chan Y.H., Loy A.C.M., How B.S., Tamothran A.M., Yip A.J.K., Liew R.K., Peng W., Alstrup A.K., Lam S.S., Sonne C.	The Nexus Between Biofuels And Pesticides in Agroforestry: Pathways Toward United Nations Sustainable Development Goals	Environmental Research	10.1016/j.envres.2022.113751	139351
451	Mahendru M., Sharma G.D., Pereira V., Gupta M., Mundi H.S.	Is it All About Money Honey? Analyzing and Mapping Financial Well-Being Research and Identifying Future Research Agenda	Journal of Business Research	10.1016/j.jbusres.2022.06.034	1482963
452	Sharma A., Sharma A., Averbukh M., Rajput S., Jatelly V., Choudhury S., Azzopardi B.	Improved Moth Flame Optimization Algorithm Based on Opposition-Based Learning and Lévy Flight Distribution for Parameter Estimation of Solar Module	Energy Reports	10.1016/j.egyr.2022.05.011	23524847
453	Rai A., Sharma V.K., Jain A., Sharma M., Pandey A., Singh H.B., Gupta V.K., Singh B.N.	Microbe-Fabricated Nanoparticles as Potent Biomaterials for Efficient Food Preservation	International Journal of Food Microbiology	10.1016/j.ijfoodmicro.2022.109833	1681605
454	Campos Antônio A.C., Maués D.B., Nogueira K.M.V., de Paula R.G., Steindorff A.S., Kennedy J.F., Pandey A., Gupta V.K., Silva R.N.	Engineering of Holocellulase in Biomass - Degrading Fungi for Sustainable Biofuel Production	Journal of Cleaner Production	10.1016/j.jclepro.2022.133488	9596526
455	Rathnayake A., Hettithanthri O., Sandanayake S., Mahatantila K., Rajapaksha A.U., Vithanage M.	Essence of Hydroxyapatite in Defluoridation of Drinking Water: A Review	Environmental Pollution	10.1016/j.envpol.2022.119882	2697491

S. No.	Authors	Title	Source Title	DOI	ISSN
456	Silori R., Shrivastava V., Singh A., Sharma P., Aouad M., Mählknecht J., Kumar M.	Global Groundwater Vulnerability for Pharmaceutical and Personal Care Products (PPCPs): The Scenario of Second Decade of 21st Century	Journal of Environmental Management	10.1016/j.jenvman.2022.115703	3014797
457	Siddiki S.H., Das S., Verma K., Dashairya L., Das S., Thakur V.K., Nayak G.C.	Substituted Nickel Ferrite Coated MWCNT/PVDF Based Epoxy Nanocomposite for Microwave Absorption	Ceramics International	10.1016/j.ceramint.2022.06.299	2728842
458	Zzaman M., Franklin J.B., Kumar A., Dawn R., Verma V.K., Shahid R., Gupta M.K., Amemiya K., Miura Y., Meena R., Kandasami A., Singh V.R.	Effect of Cr-Substitution on Vanadium Dioxide Thin Films Studied By Soft X-Ray Magnetic Circular Dichroism	Journal of Alloys and Compounds	10.1016/j.jallcom.2022.165515	9258388
459	Garg M., Grewal H.S., Sharma R.K., Gwalani B., Arora H.S.	High Oxidation Resistance of AlCoCrFeNi High Entropy Alloy Through Severe Shear Deformation Processing	Journal of Alloys and Compounds	10.1016/j.jallcom.2022.165385	9258388
460	Singh U., Dua A., Kumar N., Tanwar S., Iqbal R., Hijji M., Amin S., Sharma R.	Scalable Priority-Based Resource Allocation Scheme for M2M Communication in LTE/LTE-A Network	Computers and Electrical Engineering	10.1016/j.compeleceng.2022.108321	457906
461	Sari T.P., Sirohi R., Krishania M., Bhoj S., Samtiya M., Duggal M., Kumar D., Badgujar P.C.	Critical Overview of Biorefinery Approaches for Valorization of Protein Rich Tree Nut Oil Industry By-Product	Bioresource Technology	10.1016/j.biortech.2022.127775	9608524
462	Pratap A., Divse V., Goel S., Joshi S.S.	Understanding the Surface Generation Mechanism During Micro-Scratching of Ti-6Al-4V	Journal of Manufacturing Processes	10.1016/j.jmapro.2022.08.014	15266125
463	Mudoi M.P., Sharma P., Khichi A.S.	A Review of Gas Adsorption on Shale and the Influencing Factors of CH ₄ and CO ₂ Adsorption	Journal of Petroleum Science and Engineering	10.1016/j.petrol.2022.110897	9204105
464	Joshi M., Kumar M., Srivastava V., Kumar D., Rathore D.S., Pandit R., Graham D.W., Joshi C.G.	Genetic Sequencing Detected the SARS-CoV-2 Delta Variant In Wastewater A Month Prior to the First COVID-19 Case in Ahmedabad (India)	Environmental Pollution	10.1016/j.envpol.2022.119757	2697491
465	Rajani R.L., Heggde G.S., Kumar R., Chauhan P.	Demand Management Strategies Role in Sustainability of Service Industry and Impacts Performance of Company: Using SEM Approach	Journal of Cleaner Production	10.1016/j.jclepro.2022.133311	9596526

S. No.	Authors	Title	Source Title	DOI	ISSN
466	Bhagat C., Kumar M., Mahlknecht J., Hdeib R., Mohapatra P.K.	Seawater Intrusion Decreases the Metal Toxicity but Increases the Ecological Risk and Degree of Treatment for Coastal Groundwater: An Indian Perspective	Environmental Pollution	10.1016/j.envpol.2022.119771	2697491
467	Ullah S., Azmi Bustam M., Sagir M., Ali Assiri M., Al-Sehemi A.G., Ayoub M., Inayat A., Mukhtar A., Saqib S., Babar M., Shehzad Qureshi K., Shiung Lam S.	CO ₂ Solubility and Thermophysical Properties in Aqueous Mixtures of Piperazine and Diethanolamine	Sustainable Energy Technologies and Assessments	10.1016/j.seta.2022.102514	22131388
468	Mehta M., Chandrabose G., Krishnamurthy S., Avasthi D.K., Chowdhury S.	Improved Photoelectrochemical Properties of TiO ₂ -Graphene Nanocomposites: Effect of Defect Induced Visible Light Absorption and Graphene Conducting Channel for Carrier Transport	Applied Surface Science Advances	10.1016/j.apsadv.2022.100274	26665239
469	Rani N., Rawat K., Saini M., Yadav S., Shrivastava A., Saini K., Maity D.	Azadirachta Indica Leaf Extract Mediated Biosynthesized Rod-Shaped Zinc Oxide Nanoparticles for in Vitro Lung Cancer Treatment	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	10.1016/j.mseb.2022.115851	9215107
470	Rani T., Behl T., Sharma N., Makeen H.A., Albratty M., Alhazmi H.A., Meraya A.M., Bhatia S., Bungau S.G.	Exploring The Role of Biologics In Depression	Cellular Signalling	10.1016/j.cellsig.2022.110409	8986568
471	Gopi U.V., Bhojane P., Smaran K.S.	Engineering Oxygen-Deficient Nanocomposite Comprising LaNiO ₃ - δ and Reduced Graphene Oxide for High-Performance Pseudocapacitors	Journal of Energy Storage	10.1016/j.est.2022.105301	2352152X
472	Shivam, Kumar M., Singh T., Chauhan S.	Positive Effect of Predator's Mortality in Predator-Prey System via Turing Patterns	Brazilian Journal of Physics	10.1007/s13538-022-01154-z	1039733
473	Khan S.A., Jain M., Pandey A., Pant K.K., Ziora Z.M., Blaskovich M.A.T., Shetti N.P., Aminabhavi T.M.	Leveraging The Potential of Silver Nanoparticles-Based Materials Towards Sustainable Water Treatment	Journal of Environmental Management	10.1016/j.jenvman.2022.115675	3014797
474	Sharma H., Kumar N., Tekchandani R.	Physical Layer Security Using Beamforming Techniques For 5G and Beyond Networks: A Systematic Review	Physical Communication	10.1016/j.phycom.2022.101791	18744907

S. No.	Authors	Title	Source Title	DOI	ISSN
475	Gupta V.K., Pandey A., Koffas M., Mussatto S.I., Khare S.	Biobased Biorefineries: Sustainable Bioprocesses and Bioproducts from Biomass/Bioresources Special Issue	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2022.112683	13640321
476	Bhattacharya P., Patel F., Tanwar S., Kumar N., Sharma R.	MB-MaaS: Mobile Blockchain-Based Mining-as-a-Service for IIoT Environments	Journal of Parallel and Distributed Computing	10.1016/j.jpdc.2022.05.008	7437315
477	Zhang P., Gan P., Kumar N., Hsu C.H., Shen S., Li S.	RKD-VNE: Virtual Network Embedding Algorithm Assisted by Resource Knowledge Description and Deep Reinforcement Learning in IIoT Scenario	Future Generation Computer Systems	10.1016/j.future.2022.05.008	0167739X
478	Tiwari S., Kane L., Koundal D., Jain A., Alhudhaif A., Polat K., Zaguia A., Alenezi F., Althubiti S.A.	SPOSDS: A Smart Polycystic Ovary Syndrome Diagnostic System Using Machine Learning	Expert Systems with Applications	10.1016/j.eswa.2022.117592	9574174
479	Pathak M., Joshi P., Nisar K.S.	Numerical Study of Generalized 2-D Nonlinear Schrödinger Equation Using Kansa Method	Mathematics and Computers in Simulation	10.1016/j.matcom.2022.04.030	3784754
480	Pathak M., Joshi P., Nisar K.S.	Numerical Investigation of Fluid Flow and Heat Transfer in Micropolar Fluids Over A Stretching Domain	Journal of Thermal Analysis and Calorimetry	10.1007/s10973-022-11268-w	13886150
481	Sandesara M., Bodkhe U., Tanwar S., Alshehri M.D., Sharma R., Neagu B.C., Grigoras G., Raboaca M.S.	Design and Experience of Mobile Applications: A Pilot Survey	Mathematics	10.3390/math10142380	22277390
482	Al-Harrasi A., Bhtaia S., Al-Azri M.S., Makeen H.A., Albratty M., Alhazmi H.A., Mohan S., Sharma A., Behl T.	Correction to: Development and Characterization of Chitosan and Porphyrin Based Composite Edible Films Containing Ginger Essential Oil (Polymers 2022, 14, 1782)	Polymers	10.3390/polym14132518	20734360
483	Pathik N., Gupta R.K., Sahu Y., Sharma A., Masud M., Baz M.	AI Enabled Accident Detection and Alert System Using IoT and Deep Learning for Smart Cities	Sustainability (Switzerland)	10.3390/su14137701	20711050
484	Yeganeh F.E., Yeganeh A.E., Far B.F., Mansouri A., Sibuh B.Z., Krishnan S., Pandit S., Alsanie W.F., Thakur V.K., Gupta P.K.	Synthesis and Characterization of Tetracycline Loaded Methionine-Coated NiFe ₂ O ₄ Nanoparticles for Anti-cancer and Antibacterial Applications	Nanomaterials	10.3390/nano12132286	20794991

S. No.	Authors	Title	Source Title	DOI	ISSN
485	Shaan N.M., Ahmed F., Rashad M., Saber O., Kumar S., Aljaafari A., Ashoabi A., Mahmoud A.Z., Ezzeldien M.	Low-Temperature Ethanol Sensor via Defective Multiwalled Carbon Nanotubes	Materials	10.3390/ma15134439	19961944
486	Kaushik K., Bhardwaj A., Dwivedi A.D., Singh R.	Article Machine Learning-Based Regression Framework to Predict Health Insurance Premiums	International Journal of Environmental Research and Public Health	10.3390/ijerph19137898	16617827
487	Kumari A., Sukhramwala U.C., Tanwar S., Raboaca M.S., Alqahtani F., Tolba A., Sharma R., Aschilean I., Mihaltan T.C.	Blockchain-Based Peer-to-Peer Transactive Energy Management Scheme for Smart Grid System	Sensors	10.3390/s22134826	14248220
488	Tiwari S., Srivastava R.	Cyber Security Trend Analysis: An Indian Perspective	Cross-Industry Applications of Cyber Security Frameworks	10.4018/978-1-6684-3448-2.ch001	-
489	Zhang X., Sinha T.K., Kim J.K., Oh J.S., Lee J.	Fabrication of Graphene Reinforced Silicone-Based 3D Printed Tactile Sensor: An Approach Towards an Applicable Piezo-Sensor	Journal of Applied Polymer Science	10.1002/app.52341	218995
490	Layek S., Greenberg E., Chariton S., Bykov M., Bykova E., Trots D.M., Kumosov A.V., Chuvashova I., Ovsyannikov S.V., Leonov I., Rozenberg G.K.	Verwey-Type Charge Ordering and Site-Selective Mott Transition in Fe ₄ O ₅ under Pressure	Journal of the American Chemical Society	10.1021/jacs.2c00895	27863
491	Bhandari A.	Water Carrying Iron (iii) Oxide (Fe ₃ O ₄) Ferrofluid Flow and Heat Transfer Due to Deceleration of a Rotating Plate	Structural Engineering and Mechanics	10.12989/sem.2022.82.5.679	12254568
492	Dwivedi A., Dwivedi P., Joshi K., Sharma V., Sengar A., Agrawal R., Sharma P.K., Dixit G., Barthwal M.	Local Leader's Impact on Adoption of Renewable Energy Generation Technology by Rural Communities in the Himalayan Region	Journal of Cleaner Production	10.1016/j.jclepro.2022.131479	9596526
493	Sawhney R., Sharma S., Vashishtha P., Kothari A., Gupta V., Choudhury T.	An Efficient Deep Neural Framework for Nucleus Semantic Segmentation with Enhanced UNet	Revue d'Intelligence Artificielle	10.18280/ria.360316	0992499X
494	Agarwal S., Singhal S., Upadhyay J., Bahukhandi K.D.	Challenges of Personal Protective Equipment Kits Encountered in Healthcare Sector and Environment Amidst Covid-19	Indian Journal of Environmental Protection	-	2537141
495	Kumar A., Singh K.U., Swarup C., Singh T., Raja L., Kumar A.	Detection of Copy-Move Forgery Using Euclidean Distance and Texture Features	Traitement du Signal	10.18280/ts.390302	7650019

S. No.	Authors	Title	Source Title	DOI	ISSN
496	Sofi A.A., Bhat M.Y., Ahmad L., Aara R.R., Aswani R.S.	Renewable Energy and Transitioning Towards Sustainable Tourism: Inferences From Kernel Density and Nonparametric Approach	Renewable Energy	10.1016/j.renene.2022.04.132	9601481
497	Joshi P., Pathak M.	Numerical Approximation of Nonlinear Duffing Oscillator Using a Coupled Approach	Mathematical Modelling of Engineering Problems	10.18280/mme.p.090318	23690739
498	Tumasyan A. et. al.	Search For Resonant Production Of Strongly Coupled Dark Matter in Proton-Proton Collisions At 13 TeV	Journal of High Energy Physics	10.1007/JHEP06(2022)156	10298479
499	Singh A.K., Kumar S.S.	Pectin Production from Biowaste (Fruits & Vegetables) by Crosscurrent Solid-Liquid Extraction Technique	Nature Environment and Pollution Technology	10.46488/NEP.T.2022.v21i02.024	9726268
500	Bhattacharyya A., Lees M.R., Panda K., Ferreira P.P., Dorini T.T., Gaudry E., Eleno L.T.F., Anand V.K., Sannigrahi J., Biswas P.K., Tripathi R., Adroja D.T.	Nodeless Time-Reversal Symmetry Breaking in The Centrosymmetric Superconductor Sc ₅ Co ₄ Si ₁₀ Probed by Muon-Spin Spectroscopy	Physical Review Materials	10.1103/PhysRevMaterials.6.064802	24759953
501	Taneja A., Saluja N., Taneja N., Alqahtani A., Elmagzoub M.A., Shaikh A., Koundal D.	Power Optimization Model for Energy Sustainability in 6G Wireless Networks	Sustainability (Switzerland)	10.3390/su14127310	20711050
502	Singh P.M., Tiwari A., Maity D., Saha S.	Recent Progress of Nanomaterials In Sustainable Agricultural Applications	Journal of Materials Science	10.1007/s10853-022-07259-9	222461
503	Babu N.R., Nagpal D., Ankola D., Awasthi R.	Evolution of Solid Dispersion Technology: Solubility Enhancement Using Hydroxypropyl Methylcellulose Acetate Succinate: Myth or Reality?	Assay and Drug Development Technologies	10.1089/adt.2022.016	1540658X
504	Kuchhal P., Garg R.	The Rheological Model of Biodiesels at Elevated Pressures and Temperatures	Clean Energy	10.1093/ce/zkac024	25154230
505	Mishra V.D., Andrew J.J., Mishra A., Verma L., Sivakumar S.M., Vedantam S., Dhakal H.N.	Role of Super-Elastic Shape Memory Alloy (SE-SMA) Embedment Designs on Energy Absorption in GFRP Composites	Materials Today Communications	10.1016/j.mtcomm.2022.103779	23524928
506	Rahman M.U., Bilal M., Shah J.A., Kaushik A., Teissedre P.L., Kujawska M.	CRISPR-Cas9-Based Technology and its Relevance to Gene Editing in Parkinson's Disease	Pharmaceutics	10.3390/pharmaceutics14061252	19994923

S. No.	Authors	Title	Source Title	DOI	ISSN
507	Tanwar S., Parmar A., Kumari A., Jadav N.K., Hong W.C., Sharma R.	Blockchain Adoption to Secure the Food Industry: Opportunities and Challenges	Sustainability (Switzerland)	10.3390/su14127036	20711050
508	Kumar S., Ahmed F., Ahmad N., Shaalan N.M., Kumar R., Alshoaibi A., Arshi N., Dalela S., Alvi P.A., Kumari K.	Influence of Fe and Cu Co-Doping on Structural, Magnetic and Electrochemical Properties of CeO ₂ Nanoparticles	Materials	10.3390/ma15124119	19961944
509	Kumar S., Ahmed F., Ahmad N., Shaalan N.M., Kumar R., Alshoaibi A., Arshi N., Dalela S., Albosred M., Chae K.H., Alvi P.A., Kumari K.	Role of Cr Doping on the Structure, Electronic Structure, and Electrochemical Properties of BiFeO ₃ Nanoparticles	Materials	10.3390/ma15124118	19961944
510	Seth N., Singh T.B., Srivastava M., Adichwal N.K., Laskar N.	Prevalence And Predictors of Dementia among Elderly Residing in Eastern Uttar Pradesh, India	International Journal of Agricultural and Statistical Sciences	-	9731903
511	Shaalán N.M., Ahmed F., Rashad M., Kumar S., Saber O., Al-Naim A.F., Kotb H.M., Ezzeldien M., Mahmoud A.Z.	Ceramic Ti/TiO ₂ /AuNP Film with 1-D Nanostructures for Selfstanding Supercapacitor Electrodes	Crystals	10.3390/cryst12060791	20734352
512	Kaushik S., Pandey S., Singhal R., Kumar R.	ZnO Based RRAM Performance Enhancement by 100 MeV Ag ⁹⁺ Irradiation	Applied Surface Science Advances	10.1016/j.apsadv.2022.100260	26665239
513	Havilah P.R., Sharma A.K., Govindasamy G., Matsakas L., Patel A.	Biomass Gasification in Downdraft Gasifiers: A Technical Review on Production, Up-Gradation and Application of Synthesis Gas	Energies	10.3390/en15113938	19961073
514	Sharma A.K., Sahoo P.K., Mukherjee M., Patel A.	Assessment of Sustainable Biogas Production from Co-Digestion of Jatropha De-Oiled Cake and Cattle Dung Using Floating Drum Type Digester under Psychrophilic and Mesophilic Conditions	Clean Technologies	10.3390/cleantechnol4020032	25718797
515	Ahmad M.M., Al-Ghareeb F.R., Kotb H.M., Ansari S.A., Kayed T.S., Khater H.A., Kumar S., Yamada K.	Enhanced Li ⁺ Ionic Conduction and Relaxation Properties of Li ₅ +2xLa ₃ Ta ₂ -xGaO ₁₂ Garnets	Crystals	10.3390/cryst12060770	20734352
516	Hayat A., Dias M., Bhuyan B.P., Tomar R.	Human Activity Recognition for Elderly People Using Machine and Deep Learning Approaches	Information (Switzerland)	10.3390/info13060275	20782489
517	Rathod T., Jadav N.K., Alshehri M.D., Tanwar S., Sharma R., Felseghi R.A., Raboaca M.S.	Blockchain for Future Wireless Networks: A Decade Survey	Sensors	10.3390/s22114182	14248220

S. No.	Authors	Title	Source Title	DOI	ISSN
518	Jain P., Gupta A., Kumar N., Joshi G.P., Cho W.	Performance Evaluation of Cooperative OMA and NOMA Systems in 6G Deployment Scenarios	Sensors	10.3390/s22113986	14248220
519	Rajput S., Sabharwal N., Singh A., Shingan B., Yadav B.P.	City Gas Distribution Incident Analysis in India using Pareto Principle: A Comprehensive Analysis	Journal of Failure Analysis and Prevention	10.1007/s11668-022-01422-9	15477029
520	Verma A., Saha R., Kumar N., Kumar G., Tai-Hoon-Kim	A Detailed Survey of Denial Of Service for IoT and Multimedia Systems: Past, Present and Futuristic Development	Multimedia Tools and Applications	10.1007/s11042-021-11859-z	13807501
521	Joshi D., Singh T.P., Sharma G.	Automatic Surface Crack Detection Using Segmentation-Based Deep-Learning Approach	Engineering Fracture Mechanics	10.1016/j.engfractmech.2022.108467	137944
522	Beluns S., Gaidukovs S., Platnieks O., Barkane A., Gaidukova G., Grase L., Nabels-Sneiders M., Kovalovs A., Thakur V.K.	Clean Manufacturing of Cellulose Nanopapers by Incorporating Lignin and Xylan as Sustainable Additives	Carbohydrate Polymer Technologies and Applications	10.1016/j.carpta.2022.100207	26668939
523	Aggarwal A., Singh V., Kumar N.	A Rapid Transition from Subversion to Git: Time, Space, Branching, Merging, Offline Commits & Offline builds and Repository Aspects	Recent Advances in Computer Science and Communications	10.2174/2666255814666210621121914	26662558
524	Dewangan B.K., Jain A., Shukla R.N., Choudhury T.	An Ensemble of Bacterial Foraging, Genetic, Ant Colony and Particle Swarm Approach EB-GAP: A Load Balancing Approach in Cloud Computing	Recent Advances in Computer Science and Communications	10.2174/2666255813666201218161955	26662558
525	Solanki U., Mandal P.	All-Metal Plasmonic Metasurface at Nir Wavelengths for Optical Absorption Manipulation and Refractive Index Sensing	Optik	10.1016/j.ijleo.2022.169107	304026
526	Kumar M., Manna S., Jha A.K., Mazumder P., Rastogi N.	Game of Transmissions (GoT) of SARS-CoV-2: Second Wave of COVID-19 is Here in India	Current Opinion in Environmental Science and Health	10.1016/j.coesh.2022.100355	24685844
527	Masarrat A., Bhogra A., Meena R., Urkude R., Niazi A., Kandasami A.	Enhancement of the Thermoelectric Properties and Transition of Conduction Mechanism from Nearest Neighbor to Variable Range Hopping of Ni-Doped CoSb ₃	Journal of Electronic Materials	10.1007/s11664-022-09547-1	3615235

S. No.	Authors	Title	Source Title	DOI	ISSN
528	Singh S., Kumar A., Devrari A., Kumar A.	ASIC Implementation of Programmable Timer Subsystems for WSN-SOC with WISHBONE Architecture on a Single Chip	National Academy Science Letters	10.1007/s40009-022-01112-y	0250541X
529	Bhardwaj A., Dagar V., Khan M.O., Aggarwal A., Alvarado R., Kumar M., Irfan M., Proshad R.	Correction to: Smart IoT and Machine Learning-based Framework for Water Quality Assessment and Device Component Monitoring (Environmental Science and Pollution Research, (2022), 29, 30, (46018-46036), 10.1007/s11356-022-19014-3)	Environmental Science and Pollution Research	10.1007/s11356-022-19782-y	9441344
530	Mir A., Luo X., Llavori I., Roy A., Zlatanovic D.L., Joshi S.N., Goel S.	Challenges And Issues in Continuum Modelling of Tribology, Wear, Cutting and Other Processes Involving High-Strain Rate Plastic Deformation of Metals	Journal of the Mechanical Behavior of Biomedical Materials	10.1016/j.jmbbm.2022.105185	17516161
531	Sampath M., Logu T., Mathan Kumar P., Asokan K., Sethuraman K.	Enhancement of Photoelectric Properties of Cu ₂ ZnSnS ₄ Thin Films by Electronic Excitations Induced by Swift Heavy Ions	Materials Science and Engineering B: Solid-State Materials for Advanced Technology	10.1016/j.mseb.2022.115683	9215107
532	Ramya J.R., Arul K.T., Ilangoan R., Sathiamurthi P., Asokan K., Dong C.L., Arockiarajan A., Kalkura S.N.	Surface Engineering of Poly(Methyl Methacrylate) - Reduced Graphene Oxide Composite Films by Au ⁷⁺ Ion Irradiation for Biomedical Application	Radiation Physics and Chemistry	10.1016/j.radphyschem.2022.110051	0969806X
533	Jena P., Azad S.	Identification of Wet-Prone Regions Over Northwest Himalaya Using High-Resolution Satellite Seasonal Estimates	Natural Hazards	10.1007/s11069-022-05246-6	0921030X
534	Raja B.K., Mohindra N., Goswami U., Modhera B.	Conversion of Glycerol to Solketal Using Heterogeneous Catalysts	Journal of The Institution of Engineers (India): Series E	10.1007/s40034-020-00200-2	22502483
535	Aljawfi R.N., Abu-Samak M., Kumar S., Shahee A., Swillam M.A.	Explore The Charge Transfer And D-D Excitation in Perovskite Manganite Using 2p3d Resonant Inelastic X-Ray Scattering	Journal of Alloys and Compounds	10.1016/j.jallcom.2022.164020	9258388
536	Verma C.P., Kandasami A., Kanjilal D., Vijaya Prakash G.	Photonic Cavity Mode Tuning in Porous Silicon-Based Microcavities by He ⁺ And H ⁺ Ion Irradiation	Journal of Applied Physics	10.1063/5.0087632	218979

S. No.	Authors	Title	Source Title	DOI	ISSN
537	Sonne C., Xia C., Lam S.S.	Irrawaddy Dolphins Continue to Decline	Science	10.1126/science.abq5774	368075
538	Kumar Y., Kumar R., Asokan K., Meena R., Choudhary R.J., Singh A.P.	120 MeV Ag ⁹⁺ Induced Modifications in the Structural, Electrical and Optical Properties of La-Doped SrSNO ₃ Thin Films	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	10.1016/j.nimb.2022.03.006	0168583X
539	Debnath U., Verma S., Patra J., Mandal S.K.	A Review on Recent Synthetic Routes and Computational Approaches for Antibody Drug Conjugation Developments Used in Anti-Cancer Therapy	Journal of Molecular Structure	10.1016/j.molstruc.2022.132524	222860
540	Anand K., Ramesh M., Singh T., Balakumar C., Chithravel V., Prasher P., Katari N.K., Gupta G., Singh S.K., Chellappan D.K., Dua K., Chavda V., Laishevtcev A., Shahbaaz M., Abdellattif M.H., Saravanan M., Chuturgoon A.A.	One-Step Synthesis of Picolinohydrazides from Fusaric Acid: DFT, Structural Characterization and Molecular Inhibitory Studies on Metastatic Tumor-Derived Exosomal and Non-Exosomal Proteins	Journal of Molecular Structure	10.1016/j.molstruc.2022.132442	222860
541	Kumar M., Vithanage M., An A.K., Weber K.A., Bhattacharya P.	Geogenic and Pathogenic Contamination: Issues And Innovation in the Post-COVID-Anthropocene	Journal of Hazardous Materials	10.1016/j.jhazmat.2021.127501	3043894
542	Prasher P., Sharma M., Singh S.K., Gulati M., Patravale V., Oliver B.G., Dua K.	Mucoadhesive Particles: An Emerging Toolkit for Advanced Respiratory Drug Delivery	Nanomedicine	10.2217/nnm-2021-0428	17435889
543	Patra S. et. al.	Search for Charged Lepton Flavor Violating Decays of (1S)	Journal of High Energy Physics	10.1007/JHEP05(2022)095	10298479
544	Bhat I.M., Shuaib M., Asnain M.S., Sharma M.K., Yadav A., Sharma V.R., Singh P.P., Singh D.P., Gupta S., Gupta U., Sahoo R.N., Sood A., Kaushik M., Kumar S., Kumar R., Singh B.P., Prasad R.	Role Of Precursor Nuclei in Heavy-Ion Induced Reactions at Low Energies	Physical Review C	10.1103/PhysRevC.105.054607	24699985
545	Li Y.B. et.al.	First Test Of Lepton Flavor Universality In The Charmed Baryon Decays $\omega c0 \rightarrow \omega - \ell + \nu \ell$ Using Data of The Belle Experiment	Physical Review D	10.1103/PhysRevD.105.L091101	24700010
546	Tumasyan A.et.al.	Observation of $B \rightarrow \psi(2S)K S0 \pi^+ \pi^-$ and $B s0 \rightarrow \psi(2S)K S0$ Decays	European Physical Journal C	10.1140/epjc/s10052-022-10315-y	14346044

S. No.	Authors	Title	Source Title	DOI	ISSN
547	Singh V., Kumar R., Sharma R.K., Singh S.P., Sinhmar H., Singh D.B.	An Investigation on Effect of Variation of Mass Flow Rate And Number of Collectors on Yearly Efficiency of Single Slope Solar Still By Incorporating N Similar Photovoltaic Thermal Flat Plate Collectors	Water Supply	10.2166/ws.2022.183	16069749
548	Sharma M., Rastogi R., Arya N., Akram S.V., Singh R., Gehlot A., Buddhi D., Joshi K.	LoED: LoRa and Edge Computing based System Architecture for Sustainable Forest Monitoring	International Journal of Engineering Trends and Technology	10.14445/22315381/IJETT-V70I5P211	23490918
549	Kumar S., Kumari K., Khan M.R., Malik M.A., Kumar R., Dalela S., Koo B.H.	Effect of Mn Concentration on the Structural, Ferroelectric, Optical, and Magnetic Properties of BiFeO ₃ Nanoparticles	Crystals	10.3390/cryst12050704	20734352
550	Prasher P., Sharma M.	Targeting Mucin Hypersecretion in COVID-19 Therapy	Future Medicinal Chemistry	10.4155/fmc-2021-0111	17568919
551	Bains A., Najda A., Chawla P., Klepacka J., Dhull S.B., Sadh P.K., Khan M.A., Kaushik R.	Formulation and Characterization of Gum Arabic Stabilized Red Rice Extract Nanoemulsion	Polymers	10.3390/polym14101938	20734360
552	Tabassum-Abbasi, Patnaik P., Rahi R., Abbasi S.A.	A Circular Biorefinery-Integrating Wastewater Treatment with the Generation of an Energy Precursor and an Organic Fertilizer	Sustainability (Switzerland)	10.3390/su14095714	20711050
553	Tiwari S., Jain A., Yadav K., Ramadan R.	Machine Learning-Based Model for Prediction of Power Consumption in Smart Grid	International Arab Journal of Information Technology	10.34028/iajit/19/3/5	16833198
554	Pentaris P., Tripathi K.	Palliative Professionals' Views on the Importance of Religion, Belief, and Spiritual Identities toward the End of Life	International Journal of Environmental Research and Public Health	10.3390/ijerph19106031	16617827
555	Alamil J.M.R., Paudel K.R., Chan Y., Xenaki D., Panneerselvam J., Singh S.K., Gulati M., Jha N.K., Kumar D., Prasher P., Gupta G., Malik R., Oliver B.G., Hansbro P.M., Dua K., Chellappan D.K.	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases	Molecules	10.3390/molecules27093038	14203049
556	Bharathi D., Rajamani R., Sibuh B.Z., Pandit S., Agrawal S., Mishra N., Sahni M., Thakur V.K., Gupta P.K.	Biogenic Preparation, Characterization, and Biomedical Applications of Chitosan Functionalized Iron Oxide Nanocomposite	Journal of Composites Science	10.3390/jcs6050120	2504477X

S. No.	Authors	Title	Source Title	DOI	ISSN
557	Kapoor A., Kumar P., Mishra R.	High Gain Modified Vivaldi Vehicular Antenna for IoV Communications in 5G Network	Heliyon	10.1016/j.heliyon.2022.e09336	24058440
558	Iqbal H.M.N., Bilal M., Parra-Saldivar R., Barceló D.	Greening the 21st Century Environmental Engineering - A Robust Platform to Mitigate Contaminants of Emerging Concern	Case Studies in Chemical and Environmental Engineering	10.1016/j.cscee.2022.100209	26660164
559	Sahu A.K., Mahapatra S.S., Leite M., Goel S.	A Hybrid Grey-TOPSIS Based Quantum Behaved Particle Swarm Optimization for Selection of Electrode Material to Machine Ti6Al4V by Electro-Discharge Machining	Journal of the Brazilian Society of Mechanical Sciences and Engineering	10.1007/s40430-022-03494-y	16785878
560	Sharma B., Koundal D., Ramadan R.A.	Guest Editorial: Advanced Software and Data Analytics for Secure UAV Networks (VSI-suav)	Computers and Electrical Engineering	10.1016/j.compeleceng.2022.107980	457906
561	Bhat I.M., Shuaib M., Shariq Asnain M., Sharma V.R., Yadav A., Sharma M.K., Singh P.P., Singh D.P., Gupta U., Sahoo R.N., Sood A., Kaushik M., Kumar R., Singh B.P., Prasad R.	Effect of Projectile Structure On Break-Up Fusion for 14N + 175Lu System at Intermediate Energies	Nuclear Physics A	10.1016/j.nuclphysa.2022.122421	3759474
562	Kumar J., Sharma A., Won S.O., Chae K.H., Shekhar C., Kumar S., Vij A.	Electronic Structure, Photoluminescence and Thermoluminescence Studies of Cu-Doped Mg ₂ B ₂ O ₅ Nanophosphors	Journal of Electronic Materials	10.1007/s11664-022-09535-5	3615235
563	Upadhyay J., Ansari M.N., Samad A., Sayana A.	Dysregulation of Multiple Signaling Pathways: A Possible Cause of Cerebral Palsy	Experimental Biology and Medicine	10.1177/15353702221081022	15353702
564	Viveka S.S., Logu T., Ahsan N., Asokan K., Kalainathan S., Sethuraman K., Okada Y.	Study of Sub-Band States Formation in the Optical Band Gap of CuGaS ₂ Thin Films by Electronic Excitations	Journal of Physics and Chemistry of Solids	10.1016/j.jpcs.2022.110636	223697
565	Singh S., Behl T., Sharma N., Zahoor I., Chigurupati S., Yadav S., Rachamalla M., Sehgal A., Naved T., Pritima, Arora S., Bhatia S., Al-Harrasi A., Mohan S., Aleya L., Bungau S.	Targeting Therapeutic Approaches and Highlighting The Potential Role of Nanotechnology in Atopic Dermatitis	Environmental Science and Pollution Research	10.1007/s11356-021-18429-8	9441344
566	Agrawal J., Kapoor M., Tomar R.	A Novel Unmanned Aerial Vehicle-Sink Enabled Mobility Model for Military Operations in Sparse Flying Ad-Hoc Network	Transactions on Emerging Telecommunications Technologies	10.1002/ett.4466	21613915

S. No.	Authors	Title	Source Title	DOI	ISSN
567	Sharma A., Devi K.D., Varshney M., Saraswat H., Chaudhary S., Lee B.H., Kim S.H., Won S.O., Chae K.H., Vij A., Sharma R.K., Shin H.J.	Structural, Surface, and Electronic Structure Properties of Ag- Ion-Implanted SrVO ₃ Thin Films	Journal of Electronic Materials	10.1007/s11664-022-09454-5	3615235
568	Sen S., Gupta A., Reddy V.R., Gupta R.	Study of Training Effect by Kerr Microscopy Measurement in Fe Thin Film Implanted with F-Ions	Physica B: Condensed Matter	10.1016/j.physb.2022.413733	9214526
569	Sriramulu G., Maramu N., Reddy B.R., Kandasami A., Katlakunta S.	Structural, Magnetic and Electromagnetic Properties of Microwave-Hydrothermally Synthesized Sr(Zr-Mn) ₂ xFe _{12-2x} O ₁₉ Hexaferrites	Materials Research Bulletin	10.1016/j.materresbull.2022.111732	255408
570	Garg A., Sharmila A., Kumar P., Madhukar M., Loyola-González O., Kumar M.	Blockchain-Based Online Education Content Ranking	Education and Information Technologies	10.1007/s10639-021-10797-5	13602357
571	Mundi H.S., Nagpal E.	Impact of Overconfidence Among Finance Managers on Forecasted Market Returns: Evidence from India	Journal of Public Affairs	10.1002/pa.2349	14723891
572	Bohra B.S., Pandey N., Tatrari G., Rana S., Sahoo N.G.	The Effects of Functionalized Graphene Oxide on the Thermal and Mechanical Properties of Liquid Crystalline Polymers	Soft Matter	10.1039/d2sm00143h	1744683X
573	Mangalam J.	Versatile Perovskite and its Various Applications	Materials Letters	10.1016/j.matlet.2022.131699	0167577X
574	Nettar C.B., Bhowmik R.N., Sinha A.K.	A Comparative Study of the Lattice Structure, Optical Band Gap, Electrical Conductivity and Polarization at Different Stages of the Heat Treatment of Chemical Routed Al (OH) ₃	Ceramics International	10.1016/j.ceramint.2021.12.282	2728842
575	Chen Y.C.et.all	Measurement of Two-Particle Correlations of Hadrons in e+e-Collisions at Belle	Physical Review Letters	10.1103/PhysRevLett.128.142005	319007
576	Sharma A., Sharma S., Gulati S., Choudhury T.	CAPTCHA Robustness- AI Approach Using to Web Security	Ingenierie des Systemes d'Information	10.18280/isi.270214	16331311
577	Gupta R., Sangeeth K., Gupta M., Choudhary R.J., Sagdeo A., Singh F., Gupta A.	Magnetic Properties of Exchange-Biased FeCo/CoO Bilayer and its Electronic Structure	Applied Physics A: Materials Science and Processing	10.1007/s00339-022-05464-6	9478396

S. No.	Authors	Title	Source Title	DOI	ISSN
578	Chauhan P., Kaur G.	Gender Bias and Artificial Intelligence: A Challenge within the Periphery of Human Rights	Hasanuddin Law Review	10.20956/halrev.v8i1.3569	24429880
579	Bharadwaj D., Mishra N., Pathak M.	Kinematic and Singularity Analysis of 10 DOF Lower Body of Humanoid Robot	Mathematical Modelling of Engineering Problems	10.18280/mme p.090226	23690739
580	Arora S.	Omicron: A Variant of Concern Not A Cause of Panic	Journal of Advanced Pharmaceutical Technology and Research	10.4103/japtr. japtr_14_22	22314040
581	Kaushik S., Pandey S., Singhal R., Kumar R.	Enhanced Switching in an Argon Annealed RRAM by Ion Irradiation	ECS Journal of Solid State Science and Technology	10.1149/2162-8777/ac63e1	21628769
582	Prasher P., Fatima R., Sharma M.	Cationic Polysaccharides: Emerging Drug Delivery Vehicle Across the Physiological Mucus Barrier	Future Medicinal Chemistry	10.4155/fmc-2021-0296	17568919
583	Singh P., Diwakar M., Singh S., Kumar S., Tripathi A., Shankar A.	A Homomorphic Non-Subsampled Contourlet Transform Based Ultrasound Image Despeckling by Novel Thresholding Function and Self-Organizing Map	Biocybernetics and Biomedical Engineering	10.1016/j.bbe.2022.03.003	2085216
584	Choudhury T., Arunachalam R., Khanna A., Jasinska E., Bolshev V., Panchenko V., Leonowicz Z.	A Social Network Analysis Approach to COVID-19 Community Detection Techniques	International Journal of Environmental Research and Public Health	10.3390/ijerph 19073791	16617827
585	Gupta A., Vardhan A.V.H., Tanwar S., Kumar N., Singh A.	Performance Analysis at Different Millimetre Wave Frequencies for Indoor Shopping Complex and Outdoor UAV Applications Towards 5G	Microprocessors and Microsystems	10.1016/j.micpro.2022.104506	1419331
586	Prasher P., Sharma M.	Benzimidazole-Carbamate Anthelmintics: Perspective Candidates for the Anti-cancer Drug Development	Drug Development Research	10.1002/ddr.21933	2724391
587	Manda R., Gowri R.	Universal Filtered Multicarrier Receiver Complexity Reduction to Orthogonal Frequency Division Multiplexing Receiver	International Journal of Engineering, Transactions A: Basics	10.5829/ije.2022.35.04a.12	17281431
588	Chauhan V., Gupta D., Upadhyay S., Mahajan A., Gaur A., Kumar S., Kumar R.	Influence of High Dose Gamma Radiation on Optical, Physico-Chemical and Surface Morphology Properties of Nanocrystalline ZrO ₂ Thin Films	Optical Materials	10.1016/j.optmat.2022.112125	9253467

S. No.	Authors	Title	Source Title	DOI	ISSN
589	Choudhury P., Halder S., Das S.	Use of Ultrasonic Dual-Mode Mixing for Graphene Infusion to Make Hybrid GFRPs: Study on Mechanical Performance	Journal of Composite Materials	10.1177/00219983221073980	219983
590	Singh P., Prakash V., Bathla G., Singh R.K.	QoS Aware Task Consolidation Approach for Maintaining SLA Violations in Cloud Computing	Computers and Electrical Engineering	10.1016/j.compeleceng.2022.107789	457906
591	Chauhan I., Kaur M., Singh K., Kumar M., Thakur A., Vij A., Kumar A.	Temperature-Dependent Photoconductivity Studies of WTe ₂ /MoS ₂ Nanocomposite Thin Film	Surfaces and Interfaces	10.1016/j.surfins.2022.101795	24680230
592	Garai D., Wilson A., Carlomagno I., Meneghini C., Carla F., Hussain H., Gupta A., Zegenhagen J.	Structure of the Surface Region of Stainless Steel: Bulk and Thin Films	Physica Status Solidi (B) Basic Research	10.1002/pssb.202100513	3701972
593	Thakur A.K., Arya A.K., Sharma P.	Prediction and Mitigation of AC Interference on the Pipeline System	Corrosion Reviews	10.1515/correv-2021-0061	3346005
594	Nijhawan P., Behl T., Chigurupati S., Sehgal A., Singh S., Sharma N., Sharma A., Ahmed A.S., Das S., Palnimuthu V.R., Bhatia S., Al-Harrasi A., Rahman M.S., Arora S., Bungau S.	Exploring the Effect of Crinum Latifolia in Obesity: Possible Role of Oxidative, Angiogenic, and Inflammatory Pathways	Environmental Science and Pollution Research	10.1007/s11356-022-18531-5	9441344
595	Bhatia S., Al-Harrasi A., Kumar A., Behl T., Sehgal A., Singh S., Sharma N., Anwer M.K., Kaushik D., Mittal V., Chigurupati S., Sharma P.B., Aleya L., Vargas-de-la-Cruz C., Kabir M.T.	Anti-Migraine Activity of Freeze-Dried Latex Obtained From Calotropis Gigantea Linn	Environmental Science and Pollution Research	10.1007/s11356-021-17810-x	9441344
596	Kala S., Devaraju J., De S., Rasheed M.A.	Multiproxy Geochemical Characterization of Kommugudem Formation, Krishna Godavari Basin, India: Implication on Hydrocarbon Potential and Shale Brittleness	Geological Journal	10.1002/gj.4346	721050
597	Rastogi P., Khanna K., Singh V.	Gland Segmentation in Colorectal Cancer Histopathological Images Using U-Net Inspired Convolutional Network	Neural Computing and Applications	10.1007/s00521-021-06687-z	9410643
598	Thapliyal M., Ahuja N.J., Shankar A., Cheng X., Kumar M.	A Differentiated Learning Environment in Domain Model for Learning Disabled Learners	Journal of Computing in Higher Education	10.1007/s12528-021-09278-y	10421726

S. No.	Authors	Title	Source Title	DOI	ISSN
599	Sharma A., Chintala V.	Augmenting The Signal Processing–Based Mitigation Techniques for Removing Wind Turbine and Radar Interference	Wind Engineering	10.1177/0309524X20948543	0309524X
600	Akhilak Alam M., Trivedi A., Tiwari M.K., Devi D., Rai S., Gupta M., Avasthi D.K.	Depth Profiling of Energetic Au Ions Inside P-type Si $\langle 100 \rangle$ Substrate	Applied Surface Science	10.1016/j.apsusc.2021.152173	1694332
601	Yadav V., Sharma H., Rana A., Saini V.K.	Facile Synthesis of Boron And Nitrogen Doped TiO ₂ as Effective Catalysts for Photocatalytic Degradation of Emerging Micro-Pollutants	Journal of Industrial and Engineering Chemistry	10.1016/j.jiec.2021.11.035	1226086X
602	Nguyen D.T., Pissard A., Pierna J.A.F., Rogez H., Souza J., Dortu F., Goel S., Hernandez Y., Baeten V.	A Method for Non-Destructive Determination of Cocoa Bean Fermentation Levels Based on Terahertz Hyperspectral Imaging	International Journal of Food Microbiology	10.1016/j.ijfoodmicro.2022.109537	1681605
603	Kumar S.	Natural Frequencies of Beams with Axial Material Gradation Resting on Two Parameter Elastic Foundation	Trends in Sciences	10.48048/tis.2022.3048	27740226
604	Kumar M., Gikas P., Kuroda K., Vithanage M.	Tackling Water Security: A Global Need of Cross-Cutting Approaches	Journal of Environmental Management	10.1016/j.jenvman.2022.114447	3014797
605	Gaurav K., Mittal G., Karn A.	On the Morphology of Elongated Bubbles During Their Formation at Submerged Orifices	Chemical Engineering Science	10.1016/j.ces.2021.117395	92509
606	Riyaj M., Quraishi A.M., Hasan P.M.Z., Darwesh R., Kattayat S., Josey S., Kumar S., Ezzeldien M., Rath A., Alvi P.A.	Tuning the Responsible Parameters for Gain Characteristics of The Novel Type-II D-QW (InGaAs) Heterostructure	Materials Science in Semiconductor Processing	10.1016/j.mssp.2021.106377	13698001
607	Bindle A., Gulati T., Kumar N.	Exploring the Alternatives to the Conventional Interference Mitigation Schemes for 5G Wireless Cellular Communication Network	International Journal of Communication Systems	10.1002/dac.5059	10745351
608	Ranjit P.S., Basha S.K., Bhurat S.S., Thakur A., Babu A.V., Mahesh G.S., Reddy M.S.	Enhancement of Performance and Reduction in Emissions of Hydrogen Supplemented Aleurites Fordii Biodiesel Blend Operated Diesel Engine	International Journal of Vehicle Structures and Systems	10.4273/IJVSS.14.2.08	9753060

S. No.	Authors	Title	Source Title	DOI	ISSN
609	Kumar M., Mukherjee S., Thakur A.K., Raval N., An A.K., Gikas P.	Aminoalkyl-Organosilane Treated Sand for The Adsorptive Removal of Arsenic from The Groundwater: Immobilizing The Mobilized Geogenic Contaminants	Journal of Hazardous Materials	10.1016/j.jhazmat.2021.127916	3043894
610	Dutta B.	Mining, Displacement, and Matriline in Meghalaya: Gendered Transitions	Mining, Displacement, and Matriline in Meghalaya: Gendered Transitions	10.4324/9781003149460	-
611	Mittal S., Kumar A., Ghosal A., Singh A.K.	Recent Initiatives for Renewable Energy Sector in India: A Review	Water and Energy International	-	9744207
612	Srivastava R., Avasthi V., Krishna P.R.	Self-Adaptive Optimization Assisted Deep Learning Model for Partial Discharge Recognition	Parallel Processing Letters	10.1142/S0129626421500249	1296264
613	Binwal D.C., Kapoor M.	A Survey on Architecture, Applications, and Challenges in Vehicular Fog Computing	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327912666220127130014	22103279
614	Verma N., Sarkar S.C., Tiwari P.K., Parmar K.P.S.	Stimulation of Waves and Instabilities in Response to Irradiation of Electromagnetic Fields into Plasmas	Majlesi Journal of Electrical Engineering	10.52547/mjee.16.1.75	2345377X
615	Kumar N., Mittal S., Garg V., Kumar N.	Deep Reinforcement Learning-Based Traffic Light Scheduling Framework for SDN-Enabled Smart Transportation System	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2021.3095161	15249050
616	Chatterjee S., Lim S.	A TOPSIS-Inspired Ranking Method Using Constrained Crowd Opinions for Urban Planning	Entropy	10.3390/e24030371	10994300
617	Singh A., Sharma A., Rajput S., Bose A., Hu X.	An Investigation on Hybrid Particle Swarm Optimization Algorithms for Parameter Optimization of PV Cells	Electronics (Switzerland)	10.3390/electronics11060909	20799292
618	Behl T., Gupta A., Chigurupati S., Singh S., Sehgal A., Badavath V.N., Alhowail A., Mani V., Bhatia S., Al-Harrasi A., Bungau S.	Natural and Synthetic Agents Targeting Reactive Carbonyl Species against Metabolic Syndrome	Molecules	10.3390/molecules27051583	14203049
619	Bhatia S., Makkar R., Behl T., Sehgal A., Singh S., Rachamalla M., Mani V., Iqbal M.S., Bungau S.G.	Biotechnological Innovations from Ocean: Transpiring Role of Marine Drugs in Management of Chronic Disorders	Molecules	10.3390/molecules27051539	14203049

S. No.	Authors	Title	Source Title	DOI	ISSN
620	Ray A.K., Khoudaiberdiev R., Bennett C., Bhatnagar P., Boruah A., Dandapani R., Maiti S., Verma S.	Attribute-Assisted Interpretation of Deltaic Channel System Using Enhanced 3D Seismic Data, Offshore Nova Scotia	Journal of Natural Gas Science and Engineering	10.1016/j.jngse.2022.104428	18755100
621	Tiwari S., Jain A.	A Lightweight Capsule Network Architecture for Detection of COVID-19 from Lung CT Scans	International Journal of Imaging Systems and Technology	10.1002/ima.22706	8999457
622	Khare S.K., Asthana D., Venkatesh A.S.	Petrogenetic Insights from Relict Augites in Neoproterozoic Kotima Basalt of Dongargarh Supergroup, Bastar Craton, Central India	Journal of Earth System Science	10.1007/s12040-021-01747-3	23474327
623	Khajuria P., Manhas M., Bedyal A.K., Vij A., Swart H.C., Kumar V.	Structural and Spectral Investigation of A Near-UV-Converted LiSrP3O9:Dy3+ Phosphor for White Light-Emitting Diodes	Journal of Materials Science: Materials in Electronics	10.1007/s10854-022-07782-0	9574522
624	Yadav K., Jain A., Alharbi Y., Alferaidi A., Alkwai L.M., Ahmed N.M.O.S., Hamad S.A.S.	A Secure Data Transmission and Efficient Data Balancing Approach for 5G-based IoT Data Using UUDIS-ECC and LSRHS-CNN Algorithms	IET Communications	10.1049/cmu2.12336	17518628
625	Kalra S., Banderwal R., Arora K., Kumar S., Singh G., Chawla P.A., Behl T., Sehgal A., Singh S., Bhatia S., Al-Harrasi A., Aleya L., Dhiman A.	An Update on Pathophysiology and Treatment of Sports-Mediated Brain Injury	Environmental Science and Pollution Research	10.1007/s11356-021-18391-5	9441344
626	Behera A.K., Manna S.	Evaluation of Conductivity and Mechanical Properties of Natural Fiber Reinforced Soy-Melamine Formaldehyde Based Green Composite	Polymer Composites	10.1002/pc.26475	2728397
627	Abu-Samak M., Kumar U., Quraishi A.M., Kumar R., Kumar S., Dalela S., Ahmad M.A., Choudhary B.L., Alvi P.A.	RIXS, XES and XAS Studies for Electronic Structure of Rare Earth and Alkaline Earth Modified Manganite	Physica B: Condensed Matter	10.1016/j.physb.2021.413562	9214526
628	Wang Q., Koundal D.	Dynamics of Food Nutrient Loss And Prediction of Nutrient Loss Under Variable Temperature Conditions	International Journal of System Assurance Engineering and Management	10.1007/s13198-021-01370-x	9756809
629	Rather I.I.G., Behl T., Sehgal A., Singh S., Sharma N., Sharma A., Bhatia S., AL-Harrasi A., Khan N., Khan H., Bungau S.	Exploration of Potential Role of Rho GTPase in Nicotine Dependence-Induced Withdrawal Syndrome in Mice	Environmental Science and Pollution Research	10.1007/s11356-021-17059-4	9441344

S. No.	Authors	Title	Source Title	DOI	ISSN
630	Raheja S., Alshehri M., Mohamed A.A., Khaitan S., Kumar M., Stephan T.	A Smart Intuitionistic Fuzzy-Based Framework for Round-Robin Short-Term Scheduler	Journal of Supercomputing	10.1007/s11227-021-04052-4	9208542
631	Arora S., Tyagi A.	Music as a Blend of Spirituality, Culture, and Mind Mollifying Drug	Applied Acoustics	10.1016/j.apacoust.2021.108615	0003682X
632	Jia S. et.al.	Search for a Light Higgs Boson in Single-Photon Decays of $(1S)$ Using $(2S) \rightarrow \pi^+\pi^- (1S)$ Tagging Method	Physical Review Letters	10.1103/PhysRevLett.128.081804	319007
633	Nandi S.K., Panda A.K., Chakraborty A., Rathee S., Roy I., Barik S., Mohapatra S.S., Biswas A.	Role of ATP-Small Heat Shock Protein Interaction in Human Diseases	Frontiers in Molecular Biosciences	10.3389/fmolb.2022.844826	2296889X
634	Arya M., Sastry G H., Motwani A., Kumar S., Zaguia A.	A Novel Extra Tree Ensemble Optimized DL Framework (ETEODL) for Early Detection of Diabetes	Frontiers in Public Health	10.3389/fpubh.2021.797877	22962565
635	Vandana, Chhokkar P., Kumar S., Singh V., Pandey R.K., Kumar T., Kumar S.	Projectile's Mass-Dependent Nanopatterning of Si (100) for Different Incidence Angles	Materials Letters	10.1016/j.matlet.2021.131348	0167577X
636	Singh K.U., Hsieh S.-Y., Swarup C., Singh T.	Authentication of NifTI Neuroimages Using Lifting Wavelet Transform, Arnold Cat Map, Z-Transform, and Hessenberg Decomposition	Traitement du Signal	10.18280/ts.390127	7650019
637	Abudinén F.et.al.	Combined Analysis of Belle and Belle II Data To Determine the CKM angle ϕ_3 using $B^+ \rightarrow D(KS^0 h^+ h^-) h^+ h^-$ decays	Journal of High Energy Physics	10.1007/JHEP02(2022)063	10298479
638	Kumar D., Sharma R.K., Singh D.B.	Effect of The Variation of A Mass-Flow-Rate and A Number of Collectors on The Performance of an Active Solar Still	Desalination and Water Treatment	10.5004/dwt.2022.28129	19443994
639	Shah I., Doshi C., Patel M., Tanwar S., Hong W.-C., Sharma R.	A Comprehensive Review of the Technological Solutions to Analyse the Effects of Pandemic Outbreak on Human Lives	Medicina (Lithuania)	10.3390/medicina58020311	1010660X
640	Negi P., Gautam S., Sharma A., Rathore C., Sharma L., Upadhyay N., Tambuwala M.M., Chellappan D.K., Gupta G., Prasher P., Dua K., Agarwal S., Lal U.R.	Gastric Ulcer Healing by Chebulinic Acid Solid Dispersion-Loaded Gastroretentive Raft Systems: Preclinical Evidence	Therapeutic Delivery	10.4155/tde-2021-0062	20415990

S. No.	Authors	Title	Source Title	DOI	ISSN
641	Ahmed F., Kumar S., Shaalan N.M., Saber O., Rehman S., Aljaafari A., Abuhimd H., Alshahrani M.	Synergistic Effect of Hexagonal Boron Nitride-Coated Separators and Multi-Walled Carbon Nanotube Anodes for Thermally Stable Lithium-Ion Batteries	Crystals	10.3390/cryst12020125	20734352
642	Kannappan P., Falcão B.P., Asokan K., Leitão J.P., Dhanasekaran R.	Insights into Recombination Channels in a CVT Grown ZnSe Single Crystal	Applied Physics A: Materials Science and Processing	10.1007/s00339-021-05246-6	9478396
643	Goswami M., Pal J., Tanwar R., Rawat P.	A Modular Approach to Design Ternary Content Addressable Memory Architecture in Quantum Dot Cellular Automata	International Journal of Information Technology (Singapore)	10.1007/s41870-021-00836-2	25112104
644	Sivaraman S., Tauseef S.M., Siddiqui N.A.	Investigative and Probabilistic Perspective of The Accidental Release of Styrene: A Case Study In Vizag, India	Process Safety and Environmental Protection	10.1016/j.psep.2021.11.034	9575820
645	Devarani Devi K., Sharma A., Ojha S., Parkash J., Vij A., Sharma R.K., Singh F.	Synthesis of Bimetallic AuAg Nanoparticles By Sequential Ion Implantation for Modifying Surface-Plasmon-Resonance Properties	Materials Letters	10.1016/j.matlet.2021.131283	0167577X
646	Hariwal R.V., Malik H.K., Negi A., Asokan K.	Unravelling Impacts of C Ion Implantations at Polar Angles in The Physical Properties of ZnO Nanostructured Thin Films	Materials Letters	10.1016/j.matlet.2021.131200	0167577X
647	Bhatia S., Al-Harrasi A., Behl T., Anwer M.K., Ahmed M.M., Mittal V., Kaushik D., Chigurupati S., Kabir M.T., Sharma P.B., Chaugule B., Vargas-de-la-Cruz C.	Unravelling the Photoprotective Effects of Freshwater Alga Nostoc Commune Vaucher Ex Bornet Et Flahault Against Ultraviolet Radiations	Environmental Science and Pollution Research	10.1007/s11356-021-16704-2	9441344
648	Kumar S., Tiwari R., Kozlov S., Rodrigues J.J.P.C.	Minimizing Delay in Content-Centric Networks Using Heuristics-Based in-Network Caching	Cluster Computing	10.1007/s10586-021-03405-1	13867857
649	Patnaik P., Tabassum-Abbasi, Abbasi T., Abbasi S.A.	Production of Vermicompost by Utilizing the Leaves of the Hazardous Xerophyte Prosopis (Prosopis juliflora)	Waste and Biomass Valorization	10.1007/s12649-021-01576-x	18772641
650	Prasher P., Sharma M.	Medicinal Chemistry of Pyrophosphate Mimics: A Mini Review	Drug Development Research	10.1002/ddr.21877	2724391
651	Agarwal S., Kumar S., Adichwal N.K.	Effect of Marketing Strategies on The Market Performance and A Comparative Study of Online Travel Agencies in India	Journal of Public Affairs	10.1002/pa.2381	14723891

S. No.	Authors	Title	Source Title	DOI	ISSN
652	Mathur A., Roy S.	Microfluidics and Lab-on-a-chip	Electrochemical Sensors: From Working Electrodes to Functionalization and Miniaturized Devices	10.1016/B978-0-12-823148-7.00010-6	-
653	Pal G., Behl T., Behera R.K., Chigurupati S., Chauhan M., Singh S., Sharma N., Aldubayan M., Felemban S.G., Farasani A., Bhatia S., Bungau S.	Effects of Nitric Oxide Modulators and Antioxidants on Endocrine and Cellular Markers of Acute Stress in Rats	Biochemical and Biophysical Research Communications	10.1016/j.bbrc.2021.12.035	0006291X
654	Jain S., Lamba B.Y., Kumar S.	Nanocellulose in Plastic Industry	Nanocellulose Materials: Fabrication and Industrial Applications	10.1016/B978-0-12-823963-6.00011-9	-
655	Goswami A.	Modelling NPLs and Identifying Convergence Phenomenon of Banks: A Case of Pre-During And Immediate After The Crisis Years In India	Journal of Financial Regulation and Compliance	10.1108/JFRC-09-2020-0083	13581988
656	Das P.R., Mendhe V.A., Kamble A.D., Sharma P., Shukla P., Varma A.K.	Petrographic and Geochemical Controls on Methane Genesis, Pore Fractal Attributes, and Sorption of Lower Gondwana Coal of Jharia Basin, India	ACS Omega	10.1021/acsomega.1c02040	24701343
657	Kassa S., Gupta P., Kumar M., Stephan T., Kannan R.	Rotated Majority Gate-Based 2n-bit Full Adder Design in Quantum-Dot Cellular Automata Nanotechnology	Circuit World	10.1108/CW-06-2020-0120	9.78167E+12
658	Sehgal A., Behl T., Singh S., Sharma N., Albratty M., Alhazmi H.A., Meraya A.M., Aleya L., Sharma A., Bungau S.	Exploring the Pivotal Role of Endothelin in Rheumatoid Arthritis	Inflammopharmacology	10.1007/s10787-022-01051-6	9.78167E+12
659	Atugoda T., Piyumali H., Wijesekara H., Sonne C., Lam S.S., Mahatantila K., Vithanage M.	Nanoplastic Occurrence, Transformation and Toxicity: A Review	Environmental Chemistry Letters	10.1007/s10311-022-01479-w	9.78167E+12
660	Gupta B.B., Mamta, Mehla R., Alhalabi W., Alsharif H.	Blockchain Technology with its Application in Medical and Healthcare Systems: A Survey	International Journal of Intelligent Systems	10.1002/int.23014	9.78167E+12
661	Verma A., Saxena S., Biswas N.K., Srivastav A., Singh U.B., Khan S.A., Shrivastav R., Avasthi D.K., Dass S.	Fabrication and Characterization of Plasmonic Au Nanoparticles on ITO-Coated Glass Sheets	Plasmonics	10.1007/s11468-022-01693-w	15571955

S. No.	Authors	Title	Source Title	DOI	ISSN
662	Arora S., Goyal A., Rawat D.S., Samantha K.	Giloy: A Potential Anti-COVID-19 Herb with Propitious Pharmacological Attributes: A Short Review	Journal of Biomolecular Structure and Dynamics	10.1080/0739102.2022.2110157	7391102
663	Sangeetha M., Hoti A., Bansal R., Faez Hasan M., Gajjar K., Srivastava K.	Facilitating Artificial Intelligence Supply Chain Analytics Through Finance Management During the Pandemic Crises	Materials Today: Proceedings	10.1016/j.matpr.2021.11.418	22147853
664	Jiang J., Zhu J., Bilal M., Cui Y., Kumar N., Dou R., Su F., Xu X.	Masked Swin Transformer Unet for Industrial Anomaly Detection	IEEE Transactions on Industrial Informatics	10.1109/TII.2022.3199228	15513203
665	Trache D., Tarchoun A.F., Abdelaziz A., Bessa W., Hussin M.H., Brosse N., Thakur V.K.	Cellulose Nanofibrils-Graphene Hybrids: Recent Advances in Fabrication, Properties, And Applications	Nanoscale	10.1039/d2nr01967a	20403364
666	Kumar P., Rawat P., Chauhan S.	Contrastive Self-Supervised Learning: Review, Progress, Challenges And Future Research Directions	International Journal of Multimedia Information Retrieval	10.1007/s13735-022-00245-6	21926611
667	Kadyan V., Bawa P.	Transfer Learning Through Perturbation-Based In-Domain Spectrogram Augmentation For Adult Speech Recognition	Neural Computing and Applications	10.1007/s00521-022-07579-6	9410643
668	Mishra R.	An Overview of Backbone Technology Behind the Latest Advanced Gadgets in Use: 4G & 5G	Spatial Information Research	10.1007/s41324-022-00474-1	23663294
669	Nayak N.P.	Microorganisms and Their Application In Mining and Allied Industries	Materials Today: Proceedings	10.1016/j.matpr.2022.07.392	22147853
670	Chawla A.K., Wadhwa S., Dey A.B., Bertram F., Khan S.A., Pandey R., Gupta M., Chawla V., Rao A.U., Avasthi D.K.	In-situ Investigation on Hydrogenation-Dehydrogenation of Pd-Ag Alloy Films	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2022.07.043	3603199
671	Verma A., Ogata S.	Computational Modelling of Deformation and Failure of Bone at Molecular Scale	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_13	16137736
672	Tiwari S., Bahuguna P.C., Srivastava R.	Smart Manufacturing and Sustainability: A Bibliometric Analysis	Benchmarking	10.1108/BIJ-04-2022-0238	14635771
673	Chaturvedi S., Verma A., Singh S.K., Ogata S.	EAM Inter-Atomic Potential - Its Implication on Nickel, Copper, and Aluminum (and Their Alloys)	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_7	16137736

S. No.	Authors	Title	Source Title	DOI	ISSN
674	Verma A., Sharma S.	Atomistic Simulations to Study Thermal Effects and Strain Rate on Mechanical and Fracture Properties of Graphene like BC3	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_12	16137736
675	Ningombam D.D., Yoo B., Kim H.W., Song H.J., Yi S.	CuMARL: Curiosity-based Learning in Multi-Agent Reinforcement Learning	IEEE Access	10.1109/ACCESS.2022.3198981	21693536
676	Beniwal D., Jhalak, Ray P.K.	Data-Driven Phase Selection, Property Prediction and Force-Field Development in Multi-Principal Element Alloys	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_16	16137736
677	Kumar G., Mishra R.R., Verma A.	Introduction to Molecular Dynamics Simulations	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_1	16137736
678	Wang Q., Han N., Shen Z., Li X., Chen Z., Cao Y., Si W., Wang F., Ni B.J., Thakur V.K.	MXene-Based Electrochemical (Bio) Sensors for Sustainable Applications: Roadmap for Future Advanced Materials	Nano Materials Science	10.1016/j.nano.ms.2022.07.003	20966482
679	Kataria A., Verma A., Sethi S.K., Ogata S.	Introduction to Interatomic Potentials/Forcefields	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_2	16137736
680	Chaturvedi S., Verma A., Sethi S.K., Ogata S.	Defect Energy Calculations of Nickel, Copper and Aluminium (and Their Alloys): Molecular Dynamics Approach	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_8	16137736
681	Shankar U., Gogoi R., Sethi S.K., Verma A.	Introduction to Materials Studio Software for the Atomistic-Scale Simulations	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_15	16137736
682	Shankar U., Sethi S.K., Verma A.	Forcefields and Modeling of Polymer Coatings and Nanocomposites	Lecture Notes in Applied and Computational Mechanics	10.1007/978-981-19-3092-8_4	16137736
683	Dahiya A., Gupta B.B., Alhalabi W., Ulrichd K.	A Comprehensive Analysis of Blockchain and its Applications in Intelligent Systems Based on IoT, Cloud And Social Media	International Journal of Intelligent Systems	10.1002/int.23032	8848173
684	Ranjan R., Avasthi V.	A Hybrid Edge Detection Mechanism Based on Edge Preserving Filtration and Type-1 Fuzzy Logic	International Journal of Information Technology (Singapore)	10.1007/s41870-022-01059-9	25112104
685	Singh B., Srivastava K., Gupta D.K., Choudhury T., Um J.S.	Indexing hs Code - A Hybrid Indexer for an Optimized Search of Geotagged Data	Spatial Information Research	10.1007/s41324-022-00473-2	23663294

S. No.	Authors	Title	Source Title	DOI	ISSN
686	Ahmed J., Khan M., Rasheed Z., Ahmed A., Ahmed L., Bhandari A.	Entropy Generation Analysis For Axisymmetric Flow of Carreau Nanofluid Over A Horizontally Stretching Cylinder	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089221078146	9544089
687	Siwal S.S., Mishra K., Saini A.K., Alsanie W.F., Kovalcik A., Thakur V.K.	Additive Manufacturing of Bio-Based Hydrogel Composites: Recent Advances	Journal of Polymers and the Environment	10.1007/s10924-022-02516-z	15662543
688	Ghosh A., Chakraborty D., Mukerjee N., Baishya D., Chigurupati S., Felemban S.G., Almahmoud S.A., Almikhlaifi M.A., Sehgal A., Singh S., Sharma N., Aleya L., Behl T.	Target-Based Virtual Screening and Molecular Interaction Studies for Lead Identification of Natural Olive Compounds against Glioblastoma Multiforme	Environmental Science and Pollution Research	10.1007/s11356-022-22401-5	9441344
689	Sahu J., Kumar S., Vats V.S., Alvi P.A., Dalela B., Kumar S., Phase D.M., Gupta M., Dalela S.	Exploring the Defects and Vacancies with Photoluminescence and XANES Studies of Gd ³⁺ -Substituted ZnO Nanoparticles	Particle and Particle Systems Characterization	10.1002/ppsc.202200116	9340866
690	Mittal A.	Assessment of SAARC Nations' Solar Energy Potential for Sustainable Development	Energy and Environment	10.1177/0958305X221120935	0958305X
691	Kumar A., Maithani R.	Scrutinizing the Overall Performance of Solar Power Systems Utilizing Fuel Cells	Handbook of Research on Heat Transfer	-	-
692	Kumar A., Nadda R., Maithani R.	Parametric Optimization of Dimpled Surface Round Tube Heat Exchanger Using Taguchi-Grey Relational Approach	Handbook of Research on Heat Transfer	-	-
693	Kumar A., Maithani R., Sharma S., Thakur R., Kumar S.	Alumina-Water Nanofluid and Roughened Surface Effect on Heat Transfer and Pressure Drop	Handbook of Research on Heat Transfer	-	-
694	Kaur A., Singh D., Das A., Asokan K., Chen C.L., Mishra I.B., Ahuja R.	Spin And Valence Variation in Cobalt Doped Barium Strontium Titanate Ceramics	Physical Chemistry Chemical Physics	10.1039/d2cp01561g	14639076
695	Yeole N.R.	An Overview of Adsorptive Desulfurization of Liquid Transportation Fuels Over Various Adsorbents including Zeolites	Environmental Progress and Sustainable Energy	10.1002/ep.13960	19447442

S. No.	Authors	Title	Source Title	DOI	ISSN
696	Narisetty V., Prabhu A.A., Bommareddy R.R., Cox R., Agrawal D., Misra A., Haider M.A., Bhatnagar A., Pandey A., Kumar V.	Development of Hypertolerant Strain of Yarrowia Lipolytica Accumulating Succinic Acid Using High Levels of Acetate	ACS Sustainable Chemistry and Engineering	10.1021/acssuschemeng.2c02408	21680485
697	Hossain M.E., Rej S., Hossain M.R., Bandyopadhyay A., Tama R.A.Z., Ullah A.	Energy Mix with Technological Innovation to Abate Carbon Emission: Fresh Evidence From Mexico Applying Wavelet Tools and Spectral Causality	Environmental Science and Pollution Research	10.1007/s11356-022-22555-2	9441344
698	Singh A., Sharma G., Krishnamurthi R., Kumar A., Bhatia S., Mashat A.	Cybersecurity for Battlefield of Things - A Comprehensive Review	Journal of Circuits, Systems and Computers	10.1142/S0218126622300100	2181266
699	Sinha T.K., Chothe H.R., Lim J.H., Kim J.G., Lee T., Nam T., Oh J.S.	Fabricating Efficient and Biocompatible Filament for Material Extrusion-Based Low-Cost Additive Manufacturing: A Case Study with Steel	Journal of Materials Engineering and Performance	10.1007/s11665-022-07222-4	10599495
700	Semwal S., Raj T., Patel A.K., Arora A.K., Badoni R.P., Singhanian R.R.	Synthesis of Ca-Fe-Based Heterogeneous Catalyst from Waste Shells and their Application for Transesterification of Jatropha Oil	Systems Microbiology and Biomanufacturing	10.1007/s43393-022-00123-6	26627655
701	Banerjee N.	Biomass to Energy - An Analysis of Current Technologies, Prospects and Challenges	Bioenergy Research	10.1007/s12155-022-10500-7	19391234
702	Saraswat D., Bhattacharya P., Verma A., Prasad V.K., Tanwar S., Sharma G., Bokoro P.N., Sharma R.	Explainable AI for Healthcare 5.0: Opportunities and Challenges	IEEE Access	10.1109/ACCESS.2022.3197671	21693536
703	Sharma S., Kumar Das R., Kulkarni K.	Sustainability Analysis of Solar Air Heater Roughened With Baffles Based on Exergy Efficiency	Materials Today: Proceedings	10.1016/j.matpr.2022.08.080	22147853
704	Babu V., Rai S.K., Bhan U., Devaraju J.	Chemical Weathering of Sediment (CWS): A Web-Based Application for Chemical Weathering Study of Rocks and Sediment	Materials Today: Proceedings	10.1016/j.matpr.2022.08.002	22147853
705	Kumar A.	Study and Analysis of Different Segmentation Methods for Brain Tumor MRI Application	Multimedia Tools and Applications	10.1007/s11042-022-13636-y	13807501
706	Vyas S., Gupta S., Tarar S., Omarov B., Pant B., Bangare J.L., Bhowmik T.	Investigation of Diabetes Care in Elder Individuals Using Artificial Intelligence	Journal of Food Quality	10.1155/2022/8760032	1469428

S. No.	Authors	Title	Source Title	DOI	ISSN
707	Praveen S., Tyagi N., Singh B., Karetla G.R., Thalor M.A., Joshi K., Tsegaye M.	PSO-Based Evolutionary Approach to Optimize Head and Neck Biomedical Image to Detect Mesothelioma Cancer	BioMed Research International	10.1155/2022/3618197	23146133
708	Agathokleous E., Barceló D., Aschner M., Azevedo R.A., Bhattacharya P., Costantini D., Cutler G.C., De Marco A., Docea A.O., Dórea J.G., Duke S.O., Efferth T., Fatta-Kassinos D., Fotopoulos V., Ginebreda A., Guedes R.N.C., Hayes A.W., Iavicoli I., Kalantzi O.-I., Koike T., Kouretas D., Kumar M., Manautou J.E., Moore M.N., Paoletti E., Peñuelas J., Picó Y., Reiter R.J., Rezaee R., Rinklebe J., Rocha-Santos T., Sicard P., Sonne C., Teaf C., Tsatsakis A., Vardavas A.I., Wang W., Zeng E.Y., Calabrese E.J.	Rethinking Subthreshold Effects in Regulatory Chemical Risk Assessments	Environmental Science and Technology	10.1021/acs.est.2c02896	0013936X
709	Singh G., Arya S.K., Bibra M., Bhalla A., Aggarwal A., Singh J.	Antimicrobial Potential of Ozone For The Storage of Grains: Special Focus on Inhibition Of Bacterial Contamination	Archives of Phytopathology and Plant Protection	10.1080/03235408.2022.2111246	3235408
710	Veluchamy A., Rajesh T., Raju Ganesh S., Mohamed Nafi R.	Business Model for State-Owned Power Distribution Companies for Self-Sustained Power Sector	Water and Energy International	-	9744207
711	Samriya J.K., Kumar M., Tiwari R.	Energy-Aware ACO-DNN Optimization Model for Intrusion Detection of Unmanned Aerial Vehicle (UAVs)	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-022-04362-2	18685137
712	Riyahi M., Rafsanjani M.K., Gupta B.B., Alhalabi W.	Multiobjective Whale Optimization Algorithm-Based Feature Selection for Intelligent Systems	International Journal of Intelligent Systems	10.1002/int.22979	8848173
713	Chavda V.P., Jogi G., Paiva-Santos A.C., Kaushik A.	Biodegradable and Removable Implants for Controlled Drug Delivery and Release Application	Expert Opinion on Drug Delivery	10.1080/17425247.2022.2110065	17425247
714	Kumar R., Thakur A.K., Banerjee N., Kumar A., Gaurav G.K., Arya R.K.	Liquid Antisolvent Crystallization of Pharmaceutical Compounds: Current Status and Future Perspectives	Drug Delivery and Translational Research	10.1007/s13346-022-01219-1	2190393X

S. No.	Authors	Title	Source Title	DOI	ISSN
715	Pachauri Y., Chopra R.K.	Issues and Challenges in the Solar Energy Sector for its Development and Utilization Globally with A Comparative Analysis Between India and German	Specialusis Ugdymas	-	13925369
716	Ramzan S., Aqduş A., Ravi V., Koundal D., Amin R., Al Ghamdi M.A.	Healthcare Applications Using Blockchain Technology: Motivations and Challenges	IEEE Transactions on Engineering Management	10.1109/TEM.2022.3189734	189391
717	Agarwal U., Rishiwal V., Tanwar S., Chaudhary R., Sharma G., Bokoro P.N., Sharma R.	Blockchain Technology for Secure Supply Chain Management: A Comprehensive Review	IEEE Access	10.1109/ACCESS.2022.3194319	21693536
718	Shah S.H.A., Koundal D., Sai V., Rani S.	5G Edge Computing Enabled Internet of Medical Things	IEEE Transactions on Industrial Informatics	10.1109/TII.2022.3193708	15513203
719	Kumari K., Kumar S., Huh S.H., Kumar A., Kim M.S., Shin M.J., Devi N., Koo B.H.	Effect of PVP Assisted Growth of α -Mn ₂ O ₃ Nanoparticles on the Structural, Microstructural, Magnetic and Optical Properties	Journal of Electronic Materials	10.1007/s11664-022-09804-3	3615235
720	Qin C., Gill R., Tomar R., Ghafoor K.Z.	Vibration Signal Collection And Analysis of Mechanical Equipment Failure Based on Computer Simulation Detection	Nonlinear Engineering	10.1515/nleng-2022-0040	21928010
721	Velmurugan G., Natrayan L., Rao Y.S., Gaur P., Sekar S., Chebolu R., Patil P.P., Paramasivam P.	Influence of Epoxy/Nanosilica on Mechanical Performance of Hemp/Kevlar Fiber Reinforced Hybrid Composite with an Ultrasonic Frequency	Adsorption Science and Technology	10.1155/2022/7233255	2636174
722	Kaur I., Behl T., Sehgal A., Singh S., Sharma N., Subramanian V., Fuloria S., Fuloria N.K., Sekar M., Dailah H.G., Alsubayiel A.M., Bhatia S., Al-Harrasi A., Aleya L., Bungau S.	A Motley of Possible Therapies of the COVID-19: Reminiscing The Origin of The Pandemic	Environmental Science and Pollution Research	10.1007/s11356-022-22345-w	9441344
723	Gupta A., Kumar N., Prabhat P., Gupta R., Tanwar S., Sharma G., Bokoro P.N., Sharma R.	Combating Fake News: Stakeholder Interventions and Potential Solutions	IEEE Access	10.1109/ACCESS.2022.3193670	21693536
724	Sethi P.S., Jain A., Kumar S., Tomar R.	Context-Driven Method for Smarter and Connected Traffic Lights Using Machine Learning with the Edge Servers	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-19-2347-0_43	23674512

S. No.	Authors	Title	Source Title	DOI	ISSN
725	Sethi P.S., Sathyanaryanan V., Lakshmi N., Tomar R., Fore V.	Method to Recommend the Investment Portfolio with the Mix of Various Schemes and Options Using Reinforcement Learning	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-19-2347-0_61	23674512
726	Potluri S., Mohanty S.N., Rao K.S., Choudhury T.	GPS-Based Route Choice Model for Smart Transportation System: Bringing Intelligence into Vehicular Cloud	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-19-2347-0_67	23674512
727	Lohani K., Bhardwaj P., Atrey A., Kumar S., Tomar R.	Applications of Artificial Intelligence in IT Disaster Recovery	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_52	23674512
728	Visalaxi S., Sudalaimuthu T., Choudhury T., Rohini A.	A Forecast of Geohazard and Factors Influencing Geohazard Using Transfer Learning	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_37	23674512
729	Mishra A., Gupta V., Srivastava S., Pandey A.K., Kumar L., Choudhury T.	Social Media Role in Pricing Value of Cryptocurrency	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_63	23674512
730	Mansurali A., Mary Jayanthi P., Swamynathan R., Choudhury T.	Social Listening on Budget - A Study of Sentimental Analysis and Prediction of Sentiments Using Text Analytics & Predictive Algorithms	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_68	23674512
731	Rohini A., Sudalai Muthu T., Choudhury T., Visalaxi S.	Community Strength Analysis in Social Network Using Cloud Computing	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_25	23674512
732	Kaushik S., Choudhury T.	Mushroom Classification Using MI, PCA, and MIPCA Techniques	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_53	23674512
733	Mishra A., Kumar Varun N., Srivastava S., Pandey A.K., Kumar L., Choudhury T.	The Mutation Study of Social Media in Student's Life	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_66	23674512
734	Islam M.T., Karim R., Vyas S.	Challenges of Robotics: A Quest for an Integrated Action	Lecture Notes on Data Engineering Communications & Technologies	10.1007/978-981-19-2347-0_18	23674512
735	Agarwal R., Maithani R., Sharma S., Kumar A., Kumar A.	Parametric Optimization of Heat Exchanger Tube Having Twisted Tape Turbulent Promoters and Silicon Oxide Nanofluid	International Journal of Energy Research	10.1002/er.8510	0363907X

S. No.	Authors	Title	Source Title	DOI	ISSN
736	Tiwari N., Bhan U.	Chara Vulgaris Gyrogonites (Charophytes) from the Doon Valley (Uttarakhand): Links Between Living and Plio-Pleistocene Fossils in the Kashmir Valley	Himalayan Geology	-	9718966
737	Bhardwaj P., Lohani K., Singh N., Fore V., Tomar R.	UCSP: A Framework to Tackle the Challenge of Dependency Chain in Cloud Forensics	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_49	23674512
738	Sharma S., Das R.K., Kulkarni K.	Parametric Optimization of Solar Air Heater having Sine Wave Baffles as Turbulators	Experimental Heat Transfer	10.1080/08916152.2022.2108525	8916152
739	Chakraborty P., Islam A., Abu Yousuf M., Agarwal R., Choudhury T.	Bangla Handwritten Character Recognition Using Convolutional Neural Network	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-19-2347-0_56	23674512
740	Kumbhakar B., Nandi S.	MHD Oscillatory Flow of Hybrid Nanofluid Along A Vertical Plate with Ramped Wall Temperature, Heat Source, and Thermal Radiation: An Exact Solution	Heat Transfer	10.1002/htj.22672	26884534
741	Sarkar T., Mukherjee A., Chatterjee K., Choudhury T.	Detection Of Edibility of Amla (Emblca Officinalis) Through PCA Based Image Analysis	Economic Computation and Economic Cybernetics Studies and Research	10.24818/18423264/56.2.22.06	0424267X
742	Arora S., Puri S., Bhambri N.	A Designer Diet Layout for Astronauts Using A Microbiome Mediated Approach.	FEMS Microbiology Letters	10.1093/femsle/fnac049	3781097
743	Manju N., Jain M., Rajput P., Vij A., Thakur A.	Ce Doping Induced Trapping States and Local Electronic Structure Modifications in SrZnO ₂ Nanophosphors	Journal of Materials Chemistry C	10.1039/d2tc01985j	20507534
744	Yadav K., Tiwari S., Jain A., Alshudukhi J.	Convolution Neural Network Based Model to Classify Colon Cancerous Tissue	Multimedia Tools and Applications	10.1007/s11042-022-13504-9	13807501
745	Nandal N., Singh A., Kumar M., Tanwar R.	Healthcare Based Financial Decision Making System Using artificial Intelligence	International Journal of Health Sciences	10.53730/ijhs.v6nS2.8025	25506978
746	Gupta R., Jadav N.K., Mankodiya H., Alshehri M.D., Tanwar S., Sharma R.	Blockchain and Onion Routing-based Secure Message Exchange System for Edge-enabled IIoT	IEEE Transactions on Industrial Informatics	10.1109/TII.2022.3191444	15513203
747	Aftab Z., Sulania I., Kandasami A., Nair L.	Influence of Swift Heavy Ions on Aluminum Thin Films	Materials Today: Proceedings	10.1016/j.matpr.2022.07.167	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN
748	Karthikeyan M., Mahapatra D.M., Razak A.S.A., Abahussain A.A.M., Ethiraj B., Singh L.	Machine Learning Aided Synthesis and Screening of HER Catalyst: Present Developments and Prospects	Catalysis Reviews - Science and Engineering	10.1080/01614940.2022.2103980	1614940
749	Dwivedi P., Dwivedi A., Kumar R., Khanduri A.	Development Communication For Diffusion of Innovation: A Case Study of Ramgaad Mini-Hydro Project in India	Environment, Development and Sustainability	10.1007/s10668-022-02550-w	1387585X
750	Bhardwaj J., Vishnoi R., Salim A., Yadav S., Ojha S., Dwivedi U., Kandasami A., Kumar P., Sharma G.D., Singhal R.	Gamma Irradiation Induced Surface Plasmon Resonance of Cu Nanoparticles in Fullerene C60	Surface and Interface Analysis	10.1002/sia.7137	1422421
751	Shukla H., Ahuja N.J., Choudhury T., Imran F.	A Pedagogical Framework for Advanced Learners during COVID-19 for Engineering Students	Education Research International	10.1155/2022/2907089	20904002
752	Chaturvedi S.K., Tiwari S.P.	UAS and Sustainable Development	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_21	2524342X
753	Bahukhandi K.D., Tonsana H., Deka M., Vohra S., Singh M.	Impact of Discharge of Wastewater and Used Oil from Motor Service Stations on Groundwater Quality of Dehradun City of Outer Himalaya Region	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_22	2524342X
754	Hemant Chandran P.T., Ajithkumar S., Bahukhandi K.D.	Environmental Impact of Emerging Electro World with Special Focus on Electrical-Vehicles and Its Impact on Global Environment	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_18	2524342X
755	Mohanaprasadh S.V., Singh P., Bahukhandi K.D.	Disposal of Non-biodegradable Waste Using Eco-Friendly Methods	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_20	2524342X
756	Sharma N., Bahukhandi K.D., Anwar S.N.	Flash Flood in Himalayan Region of Uttarakhand (A Case Study of Kedarnath Flood 2013 and Rishi Ganga Flash Flood, Reini Village 2021)	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_19	2524342X
757	Pisharody N.N., Bahukhandi K.D., Rawat P.S., Elangovan R.K.	Development of Accident Prediction Model for Low Frequency and High Severity (LFHS) Industrial Accidents	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_24	2524342X
758	Kumar A., Gill S.S., Abraham A.	Preface	Lecture Notes on Data Engineering & Communications Technologies	-	23674512

S. No.	Authors	Title	Source Title	DOI	ISSN
759	Kulkarni A.U., Jain S., Kumar A.	Quantum Computing and Quantum Blockchain: Recent Advancements, Analysis and Future Directions	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-3-031-04613-1_11	23674512
760	Bahukhandi K.D., Ollemman S.	A Review of Municipal Solid Waste: Its Generation, Composition, Impacts, Management and Challenges in Urban Areas with Special Focus on India	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_17	2524342X
761	Pujitha R., Bahukhandi K.D., Silori R.	Implementation of an Integrated Management System in Automobile Industry	Springer Proceedings in Earth and Environmental Sciences	10.1007/978-3-031-05335-1_23	2524342X
762	Jyothi Ahuj N., Dutt S.	Implications of Quantum Science on Industry 4.0: Challenges and Opportunities	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-3-031-04613-1_6	23674512
763	Priyadarshini Nayak N.	LHD-LPDT Cycle Time Optimization of Underground Metal Mine	Materials Today: Proceedings	10.1016/j.matpr.2022.07.091	22147853
764	Chaturvedi S.K.	An Analytical Review for The Power System of A Spacecraft	INCAS Bulletin	10.13111/2066-8201.2022.14.2.2	20668201
765	Ali S.S., Tyagi R.	Free of Cost Energy Conservation through Behavioural Training: An Indian Perspective	Journal of The Institution of Engineers (India): Series B	10.1007/s40031-022-00768-w	22502106
766	Chowdhury A.K., Manna S., Ghosh P., Mondal S.	Did the Countrywide Lockdown Act Like A Catalyst in Turning a Cyclone to a Super-Cyclone AMPHAN?	Spatial Information Research	10.1007/s41324-022-00462-5	23663294
767	Mishra M., Patidar A.K.	Post-Drill Geophysical Characterization of Two Deep-Water Wells of Cauvery Basin, East Coast of India	Journal of Petroleum Exploration and Production Technology	10.1007/s13202-022-01550-w	21900558
768	Constantino A.R., Charbe N., Duarte Y., Gutiérrez M., Giordano A., Prasher P., Dua K., Mandolesi S., Zacconi F.C.	Towards the Cholinesterase Inhibition Potential of Taddol Derivatives: Seminal Biological and Computational Studies	Archiv der Pharmazie	10.1002/ardp.202200142	3656233
769	Kumar R., Kansara S., Bangwal D., Damodaran A., Jha A.	Motivating Factors to Promote Tourism in India: Using AHP Methods	International Journal of Logistics Systems and Management	10.1504/IJLSM.2022.124193	17427967
770	Raju T.B., Chakrabarti D., Das N., Mathur R.P.	Evaluation of Factors for Effective Distribution of Covid-19 Vaccines	Journal of Distribution Science	10.15722/jds.20.07.202207.57	17383110

S. No.	Authors	Title	Source Title	DOI	ISSN
771	Saeedan A.S., Asiri A.M., Patra J., Upadhyay J., Ansari M.N., Alkholifi F.K.	Synergistic Analgesic Effect of Low Doses of Fluoxetine and Mefenamic Acid Combination: In Silico and in Vivo Studies	Latin American Journal of Pharmacy	-	3262383
772	Ketu S.	Spatial Air Quality Index and Air Pollutant Concentration Prediction using Linear Regression based Recursive Feature Elimination with Random Forest Regression (RFERF): A case study in India	Natural Hazards	10.1007/s11069-022-05463-z	0921030X
773	Bathla G., Singh P., Singh R.K., Cambria E., Tiwari R.	Intelligent Fake Reviews Detection based on Aspect Extraction and Analysis using Deep Learning	Neural Computing and Applications	10.1007/s00521-022-07531-8	9410643
774	Rawat A., Garg C.P.	Modeling the Strategies to Accelerate the Natural Gas Business Market Growth in a Developing Country	Journal of Business and Industrial Marketing	10.1108/JBIM-03-2022-0135	8858624
775	Chaudhary S., Kakkar R., Jadav N.K., Nair A., Gupta R., Tanwar S., Agrawal S., Alshehri M.D., Sharma R., Sharma G., Davidson I.E.	A Taxonomy on Smart Healthcare Technologies: Security Framework, Case Study, and Future Directions	Journal of Sensors	10.1155/2022/1863838	1687725X
776	Chellappan D.K., Prasher P., Shukla S.D., Yee T.W., Kah T.K., Xyan T.W., Kid T.W., Si T.H., Weng T.S., Molugulu N., Sakthivel L.P., Chellian J., Madheswaran T., Malipeddi H., Singh Y., Dureja H., Kapoor D.N., Negi P., Goyal R., Thangavelu L., Kumar D., Gupta P.K., Jha N.K., Shastri M.D., MacLoughlin R., Singh S.K., Gulati M., Gupta G., Dua K.	Exploring The Role of Antibiotics And Steroids in Managing Respiratory Diseases	Journal of Biochemical and Molecular Toxicology	10.1002/jbt.23174	10956670
777	Garg C.P.	Modelling and Optimisation of Reverse Logistics Network Under Fuzzy Environment	International Journal of Operational Research	10.1504/IJOR.2022.124111	17457645
778	Kadyan V., Hasija T., Singh A.	Prosody Features Based Low Resource Punjabi Children ASR and T-NT Classifier Using Data Augmentation	Multimedia Tools and Applications	10.1007/s11042-022-13435-5	13807501
779	Malmurugan N., Nelson S.C., Altuwairiqi M., Alyami H., Gangodkar D., Abdul Zahra M.M., Asakipaam S.A.	Hybrid Encryption Method for Health Monitoring Systems Based on Machine Learning	Computational Intelligence and Neuroscience	10.1155/2022/7348488	16875265

S. No.	Authors	Title	Source Title	DOI	ISSN
780	Kuchhal P., Kumar A., Upadhyay P., Mondal S.	Opportunities and Challenges of Solar Thermal Technologies in The Indian Context	Heat Transfer	10.1002/htj.22639	26884534
781	Singh T., Saurabh P., Bisen D., Kane L., Pathak M., Sinha G.R.	Ftl-CoV19: A Transfer Learning Approach to Detect COVID-19	Computational Intelligence and Neuroscience	10.1155/2022/1953992	16875265
782	Anand V., Gupta S., Nayak S.R., Koundal D., Prakash D., Verma K.D.	An Automated Deep Learning Models For Classification of Skin Disease Using Dermoscopy Images: A Comprehensive Study	Multimedia Tools and Applications	10.1007/s11042-021-11628-y	13807501
783	Mondal P., Mukherji S., Garg A.	Performance of Treatment Schemes Comprising Chromium-Hydrogen Peroxide-Based Advanced Oxidation Process for Textile Wastewater	Environmental Science and Pollution Research	10.1007/s11356-022-21629-5	9441344
784	Verma A., Bhattacharya P., Saraswat D., Tanwar S., Kumar N., Sharma R.	SanJeeVni: Secure UAV-Envisioned Massive Vaccine Distribution for COVID-19 Underlying 6G Network	IEEE Sensors Journal	10.1109/JSEN.2022.3188929	1530437X
785	Prasad V.K., Bhattacharya P., Bhavsar M., Verma A., Tanwar S., Sharma G., Bokoro P.N., Sharma R.	ABV-COVID: An Ensemble Forecasting Model to Predict Availability of Beds and Ventilators for COVID-19 Like Pandemics	IEEE Access	10.1109/ACCESS.2022.3190497	21693536
786	Preeti R., Reena R., Sindhu R., Awasthi M.K., Pandey A., Binod P.	Biosynthesis of (S)-1-(1-Naphthyl) Ethanol By Microbial Ketoreductase	Environmental Science and Pollution Research	10.1007/s11356-022-21749-y	9441344
787	Kaur I., Basu B., Singh A.K., Rishiwal V., Tanwar S., Sharma G., Bokoro P.N., Sharma R.	Annular Ring Ultra Wideband Antenna Integrated with Metallic Via Array for IoT Applications	IEEE Access	10.1109/ACCESS.2022.3189573	21693536
788	Mishra K., Devi N., Siwal S.S., Zhang Q., Alsanie W.F., Scarpa F., Thakur V.K.	Ionic Liquid-Based Polymer Nanocomposites for Sensors, Energy, Biomedicine, and Environmental Applications: Roadmap to the Future	Advanced Science	10.1002/advs.202202187	21983844
789	Dalei N.N., Joshi J.	Potential Matching of Carbon Capture Storage And Utilization (CCSU) as Enhanced Oil Recovery in Perspective to Indian Oil Refineries	Clean Technologies and Environmental Policy	10.1007/s10098-022-02359-1	1618954X
790	Tanveer A., Sharma C., Sinha R., Kuo M.M.Y.	Tracing Security Requirements in Industrial Control Systems Using Graph Databases	Software and Systems Modeling	10.1007/s10270-022-01019-8	16191366

S. No.	Authors	Title	Source Title	DOI	ISSN
791	Kumar P.	Managing Service Flexibility in Healthcare for Improved Customer Experience: A Data-Driven Approach	Journal of Strategic Marketing	10.1080/0965254X.2022.2096671	0965254X
792	Rajani R.L., Heggde G.S., Kumar R., Bangwal D.	Demand Management Approaches in Services Sector and Influence on Company Performance	International Journal of Productivity and Performance Management	10.1108/IJPPM-02-2022-0080	17410401
793	Rautela N., Shanu S., Agarwal A., Bhattacharya S., Roy A.	Geospatial Modelling of Overlapping Habitats for Identification of Tiger Corridor Networks in The Terai Arc Landscape of India	Geocarto International	10.1080/10106049.2022.2095444	10106049
794	Rab A.	Immunity of Arbitrators: Time for the Model Law to Take a Stand	International Arbitration Law Review	-	13678272
795	Roy S., Mathur A., Bihari Pati A.	A Novel Electroanalytical Biosensor Based on ZIF-8/Acetylcholinesterase Bio-nanohybrids for Early Management of Hirschsprung Disease	Electroanalysis	10.1002/elan.202200203	10400397
796	Riseh R.S., Tamanadar E., Pour M.M., Thakur V.K.	Novel Approaches for Encapsulation of Plant Probiotic Bacteria with Sustainable Polymer Gums: Application in the Management of Pests and Diseases	Advances in Polymer Technology	10.1155/2022/4419409	7306679
797	Jhaldiyal A., Chaudhary N.	Semantic Segmentation of 3D LiDAR Data Using Deep Learning: A Review of Projection-Based Methods	Applied Intelligence	10.1007/s10489-022-03930-5	0924669X
798	Bawa P., Kadyan V., Tripathy A., Singh T.P.	Developing Sequentially Trained Robust Punjabi Speech Recognition System Under Matched and Mismatched Conditions	Complex and Intelligent Systems	10.1007/s40747-022-00651-7	21994536
799	Singh A., Das U., Kumar S.	Gender, Technology and Innovation: The Role of Women in Indian Micro, Small and Medium Enterprises	World Review of Entrepreneurship, Management and Sustainable Development	10.1504/WREMSD.2022.123766	17460573
800	Verma A., Bhattacharya P., Madhani N., Trivedi C., Bhushan B., Tanwar S., Sharma G., Bokoro P.N., Sharma R.	Blockchain for Industry 5.0: Vision, Opportunities, Key Enablers, and Future Directions	IEEE Access	10.1109/ACCESS.2022.3186892	21693536
801	Agarwal M., Kudapa V.K.	Foam Based Fracking in Unconventional Shale Reservoir	Materials Today: Proceedings	10.1016/j.matpr.2022.06.419	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN
802	Agarwal M., Kudapa V.K.	Plasma Based Fracking in Unconventional Shale - A Review	Materials Today: Proceedings	10.1016/j.matpr.2022.06.420	22147853
803	Bhattacharya P., Patel F., Alabdulatif A., Gupta R., Tanwar S., Kumar N., Sharma R.	A Deep-Q Learning Scheme for Secure Spectrum Allocation and Resource Management in 6G Environment	IEEE Transactions on Network and Service Management	10.1109/TNSM.2022.3186725	19324537
804	Ghosh M., Sushil R., Ghosh K.	EnLiMax: A WSN-Based Energy Efficient Lifetime Maximisation Framework for Potable Water Quality Monitoring and Reporting Through Optimised Node Deployment	International Journal of Systems, Control and Communications	10.1504/IJSCC.2022.123875	17559340
805	Chen W.-H., Chiu K.L., Chein R.Y., Arpia A.A., Sharma A.K., Juan J.C.	Hydrogen Production Optimization from Methanol Partial Oxidation Via Ultrasonic Sprays Using Response Surface Methodology and Analysis of Variance	International Journal of Energy Research	10.1002/er.8351	0363907X
806	Kaushik B., Koundal D., Goel N., Zaguia A., Belay A., Turabieh H.	Computational Intelligence-Based Method for Automated Identification of COVID-19 and Pneumonia by Utilizing CXR Scans	Computational Intelligence and Neuroscience	10.1155/2022/7124199	16875265
807	Kurien C., Kumar Srivastava A., Thakkar V., Sharma V., Srivastav S., Siva Prasanna Sanka R.V.	Investigation on Ammonia Removal Efficiency of Selective Catalytic Reduction Based Emission Control System	Materials Today: Proceedings	10.1016/j.matpr.2022.06.352	22147853
808	Biradar S., Shiny Duella J., Ramya P., Francis F., Singhal T., Singhal A., Mishra R., Govindaraj R., Asfaw A.K.	Improved Channel Capacity in 5G Ultradense Network	Wireless Communications and Mobile Computing	10.1155/2022/7948395	15308669
809	Kumar S., Kumar A., Kumar N., Singh P., Singh T.U., Singh B.R., Gupta P.K., Thakur V.K.	In Vivo Therapeutic Efficacy of Curcuma Longa Extract Loaded Ethosomes on Wound Healing	Veterinary Research Communications	10.1007/s11259-022-09952-1	1657380
810	Maurya D.M., Chowksey V., Shaikh M.A., Patidar A.K., Padmalal A., Chamyal L.S.	Mapping the Near-Surface Trace of the Seismically Active Kachchh Mainland Fault and its Lateral Extension in the Blind Zone, Western India	Near Surface Geophysics	10.1002/nsg.12226	15694445
811	Behl T., Kaur I., Sehgal A., Singh S., Sharma N., Chigurupati S., Felemban S.G., Alsubayiel A.M., Iqbal M.S., Bhatia S., Al-Harrasi A., Bungau S., Mostafavi E.	"Cutting the Mustard" with Induced Pluripotent Stem Cells: An Overview and Applications in Healthcare Paradigm	Stem Cell Reviews and Reports	10.1007/s12015-022-10390-4	26293269

S. No.	Authors	Title	Source Title	DOI	ISSN
812	Singh A.	Social Structure to Artificial Implementation: Honeybees: Depth and Breadth of Artificial Bee Colony Optimization	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-16-9113-3_21	23674512
813	Singh V.K.	Regulatory and Legal Framework for Promoting Green Digital Finance	Economics, Law, and Institutions in Asia Pacific	10.1007/978-981-19-2662-4_1	21998620
814	Kotni T.R., Sarkar J., Khanna R.	Dewetting of Thin Wetting Film Supported by Different Solid Substrates: A Review	Phase Transitions	10.1080/01411594.2022.2094267	1411594
815	Sharma S., Chahal M., Harit S., Kumar N.	Channel Capacity Optimization Scheme for Safety Applications in Vehicular Ad Hoc Networks	International Journal of Communication Systems	10.1002/dac.5280	10745351
816	Dewan R., Mishra P., Brajpuriya R.	Industrial Internet of Things (IIOT) for Fire Risk Assessment Based on Electronic Sensor	Journal of Nano-and Electronic Physics	10.21272/jnep.14(3).03029	2077677
817	Singh Y., Pali H.S., Singh N.K., Sharma A., Singla A.	Effect of Nanoparticles as Additives to The Biofuels and Their Feasibility Assessment on the Engine Performance and Emission Analysis - A Review	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089221109723	9544089
818	Kumar P., Mangla S.K., Kazancoglu Y., Emrouznejad A.	A Decision Framework for Incorporating the Coordination And Behavioural Issues in Sustainable Supply Chains in Digital Economy	Annals of Operations Research	10.1007/s10479-022-04814-0	2545330
819	Chithaluru P., Stephan T., Kumar M., Nayyar A.	An Enhanced Energy-Efficient Fuzzy-Based Cognitive Radio Scheme for IoT	Neural Computing and Applications	10.1007/s00521-022-07515-8	9410643
820	Anand G., Odillard L., Mwendwa Kibet A.	Performance Optimization by Study of Tribological and Rheological Properties of Dates Oil With Graphene Oxide Nano-Additives	Biofuels	10.1080/17597269.2022.2079248	17597269
821	Kaushik K.	Exposing Applications of IoT in Green Computing	Studies in Systems, Decision & Control	10.1007/978-3-031-04851-7_10	21984182
822	Habibullah M.M., Mohan S., Syed N.K., Makeen H.A., Jamal Q.M.S., Alothaid H., Bantun F., Alhazmi A., Hakamy A., Kaabi Y.A., Samlan G., Lohani M., Thangavel N., Al-Kasim M.A.	Human Growth Hormone Fragment 176-191 Peptide Enhances the Toxicity of Doxorubicin-Loaded Chitosan Nanoparticles Against MCF-7 Breast Cancer Cells	Drug Design, Development and Therapy	10.2147/DDDT.S367586	11778881

S. No.	Authors	Title	Source Title	DOI	ISSN
823	Ma F., Zhang Y., Thakur V.K., Liu L.	Dispersion of Soybean Flour in Dicyclopentadiene Resin for Thermoset Composite Using The Ultrasonic-Assisted Method	Polymer Composites	10.1002/pc.26790	2728397
824	Gupta S., Sharma D.	Prediction of COVID-19 Spread in World Using Pandemic Dataset with Application of Auto ARIMA and SIR Models	International Journal of Critical Infrastructures	10.1504/IJCIS.2022.123421	14753219
825	Nath A., Koley B., Saraswati S., Choudhury T., Um J.S., Ray B.C.	Geospatial Analysis of Short Term Shoreline Change Behavior Between Subarnarekha and Rasulpur Estuary, East Coast of India Using Intelligent Techniques (DSAS)	GeoJournal	10.1007/s10708-022-10683-8	3432521
826	Joshi D., Singh T.P., Joshi A.K.	Deep Learning-Based Localization and Segmentation of Wrist Fractures on X-Ray Radiographs	Neural Computing and Applications	10.1007/s00521-022-07510-z	9410643
827	Bandyopadhyay A., Rej S., Abbasi K.R., Awan A.	Nexus Between Tourism, Hydropower, and Co2 Emissions in India: Fresh Insights from ARDL and Cumulative Fourier Frequency Domain Causality	Environment, Development and Sustainability	10.1007/s10668-022-02511-3	1387585X
828	Kumar S., Chandra A., Nema P.K., Sharanagat V.S., Kumar S., Gaibimej P.	Optimization of the Frying Process in Relation to Quality Characteristics of Khaja (A Traditional Sweet)	Journal of Food Science and Technology	10.1007/s13197-022-05509-x	221155
829	Khaleque T., Goel S.	Repurposing Superhydrophobic Surfaces into Icephobic Surfaces	Materials Today: Proceedings	10.1016/j.matpr.2022.05.585	22147853
830	Kumar Dora T., Ismail Iqbal M., Vamsi Krishna K., Ranjan Mahapatra S., Ali Alnuumani M., Al Rajawy I.	Application of Low Temperature Fracturing Fluid System in Oil Reservoir - A Breakthrough Approach	Materials Today: Proceedings	10.1016/j.matpr.2022.06.141	22147853
831	Patidar A.K., Joshi D., Dristant U., Choudhury T.	A Review of Tracer Testing Techniques in Porous Media Specially Attributed to the Oil and Gas Industry	Journal of Petroleum Exploration and Production Technology	10.1007/s13202-022-01526-w	21900558
832	Chauhan P., Pathania H., Shriya, Neetika, Nidhi, Sakshi, Choudhary S., Kumar R., Sharma M., Rahatekar S., Kumar A.	Solar Drying of Herbal Wealth in Eastern Himalaya: A Review	Frontiers in Heat and Mass Transfer	10.5098/hmt.18.34	21518629

S. No.	Authors	Title	Source Title	DOI	ISSN
833	Arpitha G.R., Verma A., M R S., Gorbatyuk S., Khan A., Sobahi T.R., Asiri A.M., Siengchin S.	Bio-Composite Film from Corn Starch Based Vetiver Cellulose	Journal of Natural Fibers	10.1080/15440478.2022.2068174	15440478
834	Mehade Hussain S., Goel S., Kadapa C., Aristodemou E.	A Short Review of Vapour Droplet Dispersion Models Used in Cfd to Study the Airborne Spread of COVID19	Materials Today: Proceedings	10.1016/j.matpr.2022.03.724	22147853
835	Tayal S., Valasa S., Bhattacharya S., Ajayan J., Ahmed S.M., Jena B., Kaushik K.	Investigation of Nanosheet-FET Based Logic Gates at Sub-7 nm Technology Node for Digital IC Applications	Silicon	10.1007/s12633-022-01934-x	1876990X
836	Pariz I., Goel S., Nguyen D.T., Buckeridge J., Zhou X.	A Critical Review of the Developments in Molecular Dynamics Simulations to Study Femtosecond Laser Ablation	Materials Today: Proceedings	10.1016/j.matpr.2022.03.723	22147853
837	Chaudhari P., Thakur A.K., Kumar R., Banerjee N., Kumar A.	Comparison of NSGA-III with NSGA-II for Multi Objective Optimization of Adiabatic Styrene Reactor	Materials Today: Proceedings	10.1016/j.matpr.2021.12.047	22147853
838	Rana H.S., Singh T.P., Kumar K., Kumar K.	Partially Visible Lane Detection with Hierarchical Supervision Approach	IETE Journal of Research	10.1080/03772063.2022.2069602	3772063
839	Husain A., Aftab Haider S., Singh V.K.	Solution of One-Dimensional Weak Shock Wave Problem in A Non-Ideal Dusty Medium: An Analytical Approach	Materials Today: Proceedings	10.1016/j.matpr.2022.04.121	22147853
840	Singh P.M., Maity D., Saha S., Dhal N.K.	Seaweed Utilization and its Economy in Indian Agriculture	Materials Today: Proceedings	10.1016/j.matpr.2022.04.595	22147853
841	Patidar A.K., Ghosh S., Thakur N.K., Sharma A., Baliyan A.	A Review and Comparative Analysis of Effectively Functionalized Eco-Friendly and Biodegradable Nanoparticle Based Additives for Drilling Muds	Materials Today: Proceedings	10.1016/j.matpr.2021.12.176	22147853
842	Arya A.K.	A Comparison of The MOGA and NSGA-II Optimization Techniques to Reduce the Cost of A Biomass Supply Network	Materials Today: Proceedings	10.1016/j.matpr.2021.12.161	22147853
843	Tanwar R., Choudhary S.L., Singh A., Manoharan S., Ghafoor K.Z.	A Pulse Rate-Triggered Wearable Device for Critical Assistance	Journal of Sensors	10.1155/2022/9807188	1687725X

S. No.	Authors	Title	Source Title	DOI	ISSN
844	Gampala V., Rathan K., S C.N., Shajin F.H., Rajesh P.	Diagnosis of COVID-19 Patients by Adapting Hyper Parameter Tuned Deep Belief Network Using Hosted Cuckoo Optimization Algorithm	Electromagnetic Biology and Medicine	10.1080/15368378.2022.2065679	15368378
845	Tiwari S.	Satyajit Ray, New Cinema, and the FFC/NFDC	South Asian Popular Culture	10.1080/14746689.2022.2091313	14746689
846	Dahiya M., Awasthi R., Gupta G., Singh S.K., Gulati M., Jha N.K., Jha S.K., Sharma A., Prasher P., Anand K., Chellappan D.K., Dua K., Dureja H.	Optimization Studies on Imatinib Mesylate Loaded Nanoliposomes Using Box-Behnken Design	Nano Biomedicine and Engineering	10.5101/nbe.v14i1.p23-37	21505578
847	Wisetsri W., Donthu S., Mehbodniya A., Vyas S., Quiñonez-Choquecota J., Neware R.	An Investigation on the Impact of Digital Revolution and Machine Learning in Supply Chain Management	Materials Today: Proceedings	10.1016/j.matpr.2021.09.367	22147853
848	Sharma R., Gabrani G., Gupta S.	Student Engagement and Course Motivation Through Experiential Learning Pedagogy	International Journal of System of Systems Engineering	10.1504/IJSSE.2022.123305	17480671
849	Sharma M., Prasher P.	C2-Functionalized Imidazo[1,2-A]Pyridine: Synthesis And Medicinal Relevance	Synthetic Communications	10.1080/00397911.2022.2079091	397911
850	Saini R.K., Saini D.K., Gupta R., Verma P., Dwivedi R.P., Kumar A., Chauhan D., Kumar S.	Effects of Dust on The Performance of Solar Panels – A Review Update From 2015–2020	Energy and Environment	10.1177/0958305X221105267	0958305X
851	Rani R., Khurana M., Kumar A., Kumar N.	Big Data Dimensionality Reduction Techniques in IoT: Review, Applications and Open Research Challenges	Cluster Computing	10.1007/s10586-022-03634-y	13867857
852	Singh V., Asari V.K.	Editorial	International Journal of Computational Science and Engineering	-	17427185
853	Sardar S.K., Das K., Maruf M., Halder T., Saito-Nakano Y., Kobayashi S., Dutta S., Ganguly S.	Molecular Evidence Suggests The Occurrence of Entamoeba Moshkovskii in Pigs with Zoonotic Potential from Eastern India	Folia Parasitologica	10.14411/FP.2022.012	155683
854	Dwivedi A., Sawant G., Karn A.	Computational Solvers for Iterative Hydraulic Loss Calculations in Pipe Systems	Journal of Engineering Education Transformations	-	23492473

S. No.	Authors	Title	Source Title	DOI	ISSN
855	Ragab M., Al-Ghamdi A.S.A.M., Fakieh B., Choudhry H., Mansour R.F., Koundal D.	Prediction of Diabetes Through Retinal Images Using Deep Neural Network	Computational Intelligence and Neuroscience	10.1155/2022/7887908	16875265
856	Kumar Dora T., Vamsi Krishna K., Ismail Iqbal M., Ranjan A.	An Experimental Analysis on Nanoparticles Role in Drilling Fluids	Materials Today: Proceedings	10.1016/j.matpr.2022.06.001	22147853
857	Mishra R., Kuchhal P., Kapoor A.	Compact Multi-slotted Printed Antenna for Ultra-Wideband Applications in Medical Telemetry	IETE Journal of Research	10.1080/03772063.2022.2081265	3772063
858	Lamba B.Y., Jain S., Kumar A., Kumar S.	PPE Kit To Bio-Oil: An Experimental Investigation	Biofuels	10.1080/17597269.2022.2085893	17597269
859	Chowdhury S., Rakesh M., Medhi S., Trivedi J., Sangwai J.S.	Pore-Scale Flow Simulation of Supercritical CO ₂ and Oil Flow for Simultaneous CO ₂ Geo-Sequestration and Enhanced Oil Recovery	Environmental Science and Pollution Research	10.1007/s11356-022-21217-7	9441344
860	Jain A., Kumar A., Shukla A.P., Alshazly H., Elmannai H., Algarni A.D., Kumar R., Yadav J.	Smart Communication Using 2D and 3D Mesh Network-on-Chip	Intelligent Automation and Soft Computing	10.32604/iasc.2022.024770	10798587
861	Kumar D., Saikia A., Mundi H.S.	Domestic, Inbound and Outbound M&A Activity Interdependence In Brazil	Managerial Finance	10.1108/MF-03-2022-0146	3074358
862	Bahuguna P.C., Bangwal D., Kumar R.	Talent Management and its Impact on Organizational Commitment: An Empirical Investigation of Indian Hospitality Industry	FIIB Business Review	10.1177/23197145221101436	23197145
863	Kumar R., Mehta P., Shankar K.R., Rajora M.A.K., Mishra Y.K., Mostafavi E., Kaushik A.	Correction: Nanotechnology-Assisted Metered-Dose Inhalers (MDIs) for High-Performance Pulmonary Drug Delivery Applications (Pharmaceutical Research, (2022), 10.1007/s11095-022-03286-y)	Pharmaceutical Research	10.1007/s11095-022-03306-x	7248741
864	Nivash S., Ganesh E.N., Manikandan T., Dhaka A., Nandal A., Hoang V.T., Kumar A., Belay A.	Implementation and Analysis of AI-Based Gesticulation Control for Impaired People	Wireless Communications and Mobile Computing	10.1155/2022/4656939	15308669
865	Refaai M.R.A., Vonteddu S.N.R., Nunna P.K., Kumar P.S., Anbu C., Markos M.	Energy Management Prediction in Hybrid PV-Battery Systems Using Deep Learning Architecture	International Journal of Photoenergy	10.1155/2022/6844853	1110662X

S. No.	Authors	Title	Source Title	DOI	ISSN
866	Vyas S., Shabaz M., Pandit P., Parvathy L.R., Ofori I.	Integration of Artificial Intelligence and Blockchain Technology in Healthcare and Agriculture	Journal of Food Quality	10.1155/2022/4228448	1469428
867	Katal A., Singh V.K.	Curriculum Design and Development: A Case for Higher Education in India	International Journal of Pedagogy and Curriculum	10.18848/2327-7963/CGP/v29i01/45-66	23277963
868	Ranjit P.S., Bhurat S.S., Thakur A.K., Mahesh G.S., Reddy M.S.	Experimental Investigations on Hydrogen Supplemented Pinus Sylvestris Oil-based Diesel Engine for Performance Enhancement and Reduction in Emissions	FME Transactions	10.5937/fme2201313R	14512092
869	Awasthi A., Kumar A., Kumar R., Vishwas S., Khursheed R., Kaur J., Corrie L., Kumar B., Gulati M., Kumar D., Kaushik M., Gupta G., Prasher P., Chellappan D.K., Kumar A.P., Dua K., Singh S.K.	RP-HPLC Method Development and Validation for Simultaneous Estimation of Mesalamine and Curcumin in Bulk Form as Well as Nanostructured Lipid Carriers	South African Journal of Botany	10.1016/j.sajb.2022.05.044	2546299
870	Aravind K.U., Mekala N.M., Muthuraju N.P., Soni N.B., Al-Ammar E.A., Seikh A.H., Siddique M.H., Christopher D.	Thermal Storage for the Analysis of Hybrid Energy Systems Based on Geothermal and Solar Power	International Journal of Photoenergy	10.1155/2022/1296822	1110662X
871	Mahela O.P., Khan B., Pachauri R.K.	Development of Vehicle-to-Grid System to Regulate the System Parameters of Microgrid	Energy Engineering: Journal of the Association of Energy Engineering	10.32604/ee.2022.018913	1998595
872	Kodavaty J., Pavan Kumar Pannala R.K., Singh M., Bharti A., Fahar Ahmad Q.	Optimizing Composition of A Drug Gel Using Release Kinetics - A New Way of Approach	Materials Today: Proceedings	10.1016/j.matpr.2022.05.249	22147853
873	Alsahref A., Aggarwal K., Sonia, Kumar M., Mishra A.	Review of ML and AutoML Solutions to Forecast Time-Series Data	Archives of Computational Methods in Engineering	10.1007/s11831-022-09765-0	11343060
874	Mundi H.S., Kumar D.	The Potential of Alternative Investments As an Asset Class: A Thematic and Bibliometric Review	Qualitative Research in Financial Markets	10.1108/QRFM-11-2021-0182	17554179
875	Swarup C., Kumar A., Singh K.U., Singh T., Raja L., Kumar A., Dubey R.	Biologically Inspired CNN Network for Brain Tumor Abnormalities Detection and Features Extraction from MRI Images	Human-centric Computing and Information Sciences	10.22967/HGIS.2022.12.022	21921962
876	Veeranjaneyulu K., Sravanthi G., kumar Chaturvedi S., Joshi S., Surya Kiran K.	Stress Analysis of Corrugated Plate Fuselage Under Different Loading Conditions	Materials Today: Proceedings	10.1016/j.matpr.2022.05.035	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN
877	Chakradeo A., Mishra W., Rai S.	Ergonomic Risk Assessment of Musculoskeletal Discomforts Among Young Indian Rowers	Work	10.3233/WOR-213635	10519815
878	Kumar P., Sharma D., Pandey P.	Industry 4.0 (I4.0) Based Virtual Organization Model for the Coordination of Sustainable Textile Supply Chain	American Business Review	10.37625/abr.25.1.186-208	26898810
879	Kuziel A., Dzido G., J?drysiak R.G., Kolanowska A., J?wiak B., Beunat J., Korczeniewski E., Zi?ba M., Terzyk A.P., Yahya N., Thakur V.K., Koziol K.K., Boncel Boncel Sł.	Biomimetically Inspired Highly Homogeneous Hydrophilization of Graphene with Poly(l -DOPA): Toward Electroconductive Coatings from Water-Processable Paints	ACS Sustainable Chemistry and Engineering	10.1021/acssuschemeng.2c00226	21680485
880	Wang Y., Dong J., Wang B., Khanna S., Singh A., Hussain S.A.	Super Resolution Reconstruction Method of Software Remote Sensing Image Based on Convolutional Neural Network	Journal of Sensors	10.1155/2022/1777112	1687725X
881	Agrawal J., Kapoor M., Tomar R.	A Ferry Mobility Based Direction and Time-Aware Greedy Delay-Tolerant Routing (Fm-Dt-Gdr) Protocol for Sparse Flying Ad-Hoc Network	Transactions on Emerging Telecommunications Technologies	10.1002/ett.4533	21613915
882	Reddy S.S.S., Kumar A., Ghafoor K.Z., Bhardwaj V.P., Manoharan S.	Coysvm-(ged): Coyote Optimization-Based Support Vector Machine Classifier for Cancer Classification using Gene Expression Data	Journal of Sensors	10.1155/2022/6716937	1687725X
883	Jacob S., Reshmy R., Antony S., Madhavan A., Sindhu R., Kumar Awasthi M., Kuddus M., Pillai S., Varjani S., Pandey A., Binod P.	Nanocellulose in Tissue Engineering and Bioremediation: Mechanism of Action	Bioengineered	10.1080/21655979.2022.2074739	21655979
884	Singhal S.	Biochar As A Cost-Effective and Eco-Friendly Substitute for Binder in Concrete: A Review	European Journal of Environmental and Civil Engineering	10.1080/19648189.2022.2068658	19648189
885	Rajan B., Kundu D., Sarkar S.	Rape, Popular Culture, and Nirbhaya: A Study of India's Daughter and Delhi Crime	Journal of Communication Inquiry	10.1177/01968599221102527	1968599
886	Yadav K., Kachout M., Alharbi Y., Alreshidi A., Jain A., Alreshidi E.J., Sharif M.H., Aboshosha B.W., Alotaibi S.D.	Securing Diagnosed Parkinson's Disease Data by Blockchain Technology using 2E2C Algorithm	IETE Journal of Research	10.1080/03772063.2022.2063196	3772063
887	Ghosh J., Hacı H., Kumar N., Al-Utaibi K.A., Sait S.M., So-In C.	A Novel Channel Model and Optimal Power Control Schemes for Mobile mmWave Two-Tier Networks	IEEE Access	10.1109/ACCESS.2022.3176320	21693536

S. No.	Authors	Title	Source Title	DOI	ISSN
888	Abushakra F., Jeong N., Awasthi A.K., Kolpuke S., Simpson C., Reyhanigalangashi O., Elluru D.N., Bhandari A., Taylor D., Prasad Gogineni S.	Ultra-Wideband Coplanar Vivaldi Antenna Array with Dielectric Patch Antenna for Grating Lobes Suppression	IEEE Access	10.1109/ACCESS.2022.3175840	21693536
889	Chaudhary S., Dora D.T.K., Reddy D.S., Porwal S.K.	Sustainable Non-Cytotoxic Ultra-Light Aerogel Derived from Waste Tissue Paper As an Effective Hemostatic Agent	Biomass Conversion and Biorefinery	10.1007/s13399-022-02803-8	21906815
890	Kumar A., Thakur A.K., Kumar R., Chaudhari P., Aurangzeb M.D., Kumar Gaurav G.	Experimental Investigation on In-Situ Void Fraction of Air-Water Co-Current Flow-Through Milli-Channels	Materials Today: Proceedings	10.1016/j.matpr.2021.12.317	22147853
891	Dutt S., Arya V.	The Presence of Compassion Satisfaction, Compassion Fatigue, and Burn-Out Among The General Population During The Covid-19 Pandemic	Informing Science	10.28945/4930	15479684
892	Kaushik K.	Demystifying Blockchain in 5G and Beyond Technologies	Journal of Mobile Multimedia	10.13052/jmm1550-4646.18513	15504646
893	Jaiswal A., Babu V., Sethi M., Baishya B., Jaiswal P., Joshi R., Jugran S., Ramola B., Kumar A.	Structural Features of Coronavirus and the COVID-19 Pandemic's Impact in India	Journal of Environmental Pathology, Toxicology & Oncology	10.1615/JEnviroPatholToxicolOncol.2022035706	7318898
894	Lamba R., Gulati T., Jain A.	An Intelligent System for Parkinson's Diagnosis Using Hybrid Feature Selection Approach	International Journal of Software Innovation	10.4018/IJSI.292027	21667160
895	Choudhury A., Aggarwal A., Rangra K., Bhatt A.	The Components of Big Data and Knowledge Management Will Change Radically How People Collaborate and Develop Complex Research	Research Anthology on Big Data Analytics, Architectures, and Applications	10.4018/978-1-6684-3662-2.ch077	-
896	Sharma K., Naeem U., Krishnamurthi R., Kumar A.	Lightweight and Heavyweight Technologies For Autonomous Vehicles: A Survey	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00001-X	-
897	Krishnamurthi R., Gopinathan D., Kumar A.	Using Wavelet Transformation for Acoustic Signal Processing in Heavy Vehicle Detection and Classification	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00011-2	-
898	Singh A., Chawla P., Krishnamurthi R., Kumar A.	Cybercrimes and Defense Approaches in Vehicular Networks	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00002-1	-

S. No.	Authors	Title	Source Title	DOI	ISSN
899	Balabantaray S.R., Bangwal D., Pani U.	Impact Of Covid-19 On Mental Health Issues in India: Understanding The Factors of Suicides Due to Pandemic	Asia Pacific Journal of Health Management	10.24083/apjh.m.v17i1.1091	22043136
900	Gupta N., Tiwari A., Pathak K., Krishnamurthi R., Kumar A.	Pulse Oximeter-Based Machine Learning Models for Sleep Apnea Detection in Heavy Vehicle Drivers	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00010-0	-
901	Kaushik K., Bathla G., Naeem U., Kumar A.	Cybercriminal Approaches in Big Data Models for Automated Heavy Vehicles	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00018-5	-
902	Sharma D.K., Kumar A., Bathla G.	Heavy Vehicle Defense Procurement use Cases and System Design using Blockchain Technology	Autonomous and Connected Heavy Vehicle Technology	10.1016/B978-0-323-90592-3.00017-3	-
903	Khursheed R., Singh S.K., Wadhwa S., Gulati M., Jha N.K., Gupta G., Devkota H.P., Prasher P., Chellappan D.K., Dua K.	A Sojourn Into Therapeutic And Nutraceutical Potential of Curcumin And Its Novel Drug Delivery System: Current Achievements and Future Perspectives	South African Journal of Botany	10.1016/j.sajb.2022.04.021	2546299
904	Walia A., Kumar N., Singh R., Kumar H., Kumar V., Kaushik R., Kumar A.P.	Bioactive Compounds in Ficus Fruits, Their Bioactivities, and Associated Health Benefits: A Review	Journal of Food Quality	10.1155/2022/6597092	1469428
905	Sharma U.S., Mishra P.K., Mishra J., Brajpuriya R.	Thermal Properties of EuO, DyO and GdO Compounds [Теплові властивості сполук EuO, DyO та GdO]	Journal of Nano-and Electronic Physics	10.21272/jnep.14(2).02027	20776772
906	Bhardwaj P., Paliwal N., Bhardwaj R., Mishra P.K., Mishra J., Brajpuriya R.	Room and High-Temperature Study of Rare Earth Chalcogenides	Journal of Nano-and Electronic Physics	10.21272/jnep.14(2).02005	20776772
907	Pearson C., Hawi S., Lira C., Goel S., Yazdani Nezhad H.	Magnetic Field Assisted 3D Printing of Short Carbon Fibre-Reinforced Polymer Composites	Materials Today: Proceedings	10.1016/j.matpr.2022.04.597	2214785
908	Varshney S., Kumar Rajput P., Singhal A., Varshney G.	A Review on The Recent Developments in The Materials used for Sensors	Materials Today: Proceedings	10.1016/j.matpr.2022.04.678	22147853
909	Chhaya L., Sharma P., Kumar A., Bhagwatikar G.	Application of Data Mining in Smart Grid Technology	Research Anthology on Smart Grid and Microgrid Development	10.4018/978-1-6684-3666-0.ch038	-

S. No.	Authors	Title	Source Title	DOI	ISSN
910	Intezar M.T., Zia S.B.	Zakat, SDGs, and Poverty Alleviation of Muslims in India	Research Anthology on Measuring and Achieving Sustainable Development Goals	10.4018/978-1-6684-3885-5.ch015	-
911	Jaiswal R., Prakash O.	Classical and Modern Gain Estimation Approach of PID Controller for The Pitch Control of The RCTA Aircraft	INCAS Bulletin	10.13111/2066-8201.2022.14.1.4	20668201
912	Chhaya L.	IoT - Based Management of Smart Microgrid: Smart Energy System	Research Anthology on Smart Grid and Microgrid Development	10.4018/978-1-6684-3666-0.ch036	-
913	Reyhanigalangashi O., Taylor D., Kolpuke S., Elluru D.N., Abushakra F., Awasthi A.K., Gogineni S.P.	An RF-SoC-Based Ultra-Wideband Chirp Synthesizer	IEEE Access	10.1109/ACCESS.2022.3171830	21693536
914	Pal M., Das V., Boruah H.P.D.H.P., Chikkaputtaiah C.	Multiplexed Biosensors for Virus Detection	Advanced Biosensors for Virus Detection: Smart Diagnostics to Combat SARS-CoV-2	10.1016/B978-0-12-824494-4.00017-5	-
915	Palit S.	Nanofiltration and Environmental Sustainability	Separation Science and Technology (New York)	10.1016/B978-0-323-90763-7.00008-1	18771718
916	Khaitan A., Owhal A., Belgamwar S.U., Raman Mishra R., Goel S., Roy T.	Designing Porous Electrode Structures for Supercapacitors using Quenched MD Simulations	Materials Today: Proceedings	10.1016/j.matpr.2022.03.726	22147853
917	Mondal S.	Environmental Catastrophe Amidst COVID-19 Pandemic: Disposal and Management of PPE Kits for The Production of Biofuel with the Sustainable Approach in Solar Thermal Energy	Materials Today: Proceedings	10.1016/j.matpr.2022.03.721	22147853
918	Al-Ghamdi A.S.A.M., Ragab M., Alghamdi S.A., Asseri A.H., Mansour R.F., Koundal D.	Detection of Dental Diseases through X-Ray Images using Neural Search Architecture Network	Computational Intelligence and Neuroscience	10.1155/2022/3500552	16875265
919	Salehi W., Gupta G., Bhatia S., Koundal D., Mashat A., Belay A.	IoT-Based Wearable Devices for Patients Suffering from Alzheimer Disease	Contrast Media and Molecular Imaging	10.1155/2022/3224939	15554309
920	Sudharsan J., Kumar Khare S.	Role of Nanocomposite Additives in Well Bore Stability during Shale Formation Drilling with Water Based Mud - A Comprehensive Review	Materials Today: Proceedings	10.1016/j.matpr.2022.04.009	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN
921	Kumar N., Chaudhry R., Kaiwartya O., Kumar N.	ChaseMe: A Heuristic Scheme for Electric Vehicles Mobility Management on Charging Stations in a Smart City Scenario	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2022.3147685	15249050
922	Tripathy A., Anand A., Kadyan V.	Sentiment Classification of Movie Reviews using GA and NeuroGA	Multimedia Tools and Applications	10.1007/s11042-022-13047-z	13807501
923	Dalei N.N., Joshi J.M.	Operational Efficiency Assessment of Oil Refineries using Data envelopment Analysis and Tobit Model: Evidence from India	International Journal of Energy Sector Management	10.1108/IJESM-07-2020-0024	17506220
924	Shailendra R., Jayapalan A., Velayutham S., Baladhandapani A., Srivastava A., Kumar Gupta S., Kumar M.	An IoT and Machine Learning Based Intelligent System for the Classification of Therapeutic Plants	Neural Processing Letters	10.1007/s11063-022-10818-5	13704621
925	Smith T., Strong K., Ibenki S., Sen S., Avasthi D.	Study of RF Waves on Plasma	Radiation Effects and Defects in Solids	10.1080/10420150.2022.2049792	10420150
926	Jain H., Kumar A., Verma A.K., Wadhwa S., Rajput V.D., Minkina T., Garg M.C.	Treatment of Textile Industry Wastewater by using High-Performance Forward Osmosis Membrane Tailored with Alpha-Manganese Dioxide Nanoparticles for Fertigation	Environmental Science and Pollution Research	10.1007/s11356-022-20047-x	9441344
927	Bera S., Kumar P., Bhattacharya S.	A Study on how to Achieve Flexibility in Healthcare Process: A Simulation-Based Approach	International Journal of Productivity and Performance Management	10.1108/IJPPM-06-2021-0335	17410401
928	Chowdary V., Bijalwan A., Singh A.	Vehicular Barrier Network Application for Auto-safety	Materials Today: Proceedings	10.1016/j.matpr.2022.04.197	22147853
929	Sumit, Kane S.R., Sinha A.K., Shukla R.	Electric Field-Induced Nonlinear Behavior of Lead Zirconate Titanate Piezoceramic Actuators In Bending Mode	Mechanics of Advanced Materials and Structures	10.1080/15376494.2022.2050966	15376494
930	Priyanka, Kumar S., Kumar A., Maithani R.	Selection of Optimal Parameters using PSI Approach of A Dimpled-V Pattern Roughened Solar Heat Collector	Materials Today: Proceedings	10.1016/j.matpr.2022.03.709	22147853
931	Singh K.U., Kumar A., Singh T., Ram M.	Image-Based Decision Making for Reliable and Proper Diagnosing in NIFTI Format using Watermarking	Multimedia Tools and Applications	10.1007/s11042-022-12192-9	13807501

S. No.	Authors	Title	Source Title	DOI	ISSN
932	Sharma G.K., Mallick A., Sharma R.K., Dobriyal R., Kumar N., Singh D.B.	An Investigation on Dissimilarity of Mass flow Rate and N on Exergo- Enviro-Economic Parameters for Solar Still of Single Slope Type, Integrated with N Similar PVT Flat Plate Collectors Having Series Connection	Environmental Science and Pollution Research	10.1007/s11356 -022-20406-8	9441344
933	Kumar R., Singh L.	Ti3C2Tx MXene as Electrocatalyst for Designing Robust Glucose Biosensors	Advanced Materials Technologies	10.1002/admt. 202200151	2365709X
934	Sharma A.K., Ghodke P., Sharma P.K., Manna S., Pugazhendhi A., Matsakas L., Patel A.	Holistic Utilization of Chlorella Pyrenoidosa Microalgae for Extraction of Renewable Fuels and Value- Added Biochar Through in Situ Transesterification and Pyrolysis Reaction Process	Biomass Conversion and Biorefinery	10.1007/s13399 -022-02713-9	21906815
935	Kirola M., Memoria M., Dumka A., Tripathi A., Joshi K.	A Comprehensive Review Study on: Optimized Data Mining, Machine Learning and Deep Learning Techniques for Breast Cancer Prediction in Big Data Context	Biomedical and Pharmacology Journal	10.13005/bpj/ 2339	9746242
936	Suarez A.J.B., Singh B., Almukhtar F.H., Kler R., Vyas S., Kaliyaperumal K.	Identifying Smart Strategies for Effective Agriculture Solution Using Data Mining Techniques	Journal of Food Quality	10.1155/2022/ 6600049	1469428
937	Chowdary V., Deogharia D., Sowrabh S., Dubey S.	Forest Fire Detection System using Barrier Coverage in Wireless Sensor Networks	Materials Today: Proceedings	10.1016/j.matpr .2022.04.202	22147853
938	Kumar N., Mishra V.M., Kumar A.	Smart Grid Security by Embedding S-Box Advanced Encryption Standard	Intelligent Automation and Soft Computing	10.32604/iasc. 2022.024804	10798587
939	Salankar N., Mishra A., Koundal D., Hoang V.T., Tran-Trung K., Zaguia A., Belay A.	Impact of Music in Males and Females for Relief from Neurodegenerative Disorder Stress	Contrast Media and Molecular Imaging	10.1155/2022/ 3080437	15554309
940	Hothi N.	A Brief Overview of Exotic Hadron States	Materials Today: Proceedings	10.1016/j.matpr .2022.03.584	22147853
941	Jafri Y., Singh S., Sharma G., Sharma K., Gupta M., Reddy V.R., Gupta A.	Thickness Dependent Structural and Magnetic Properties Investigation of Co Film Interfaced with Hf	Materials Today: Proceedings	10.1016/j.matpr .2022.01.109	22147853
942	Hothi N., Hothi G.	Water Crisis of Shimla Town: Past and Present Scenario	Materials Today: Proceedings	10.1016/j.matpr .2022.03.715	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN
943	Vyas S., Gupta S.	Blockchain and Industry 4.0 - A study	Materials Today: Proceedings	10.1016/j.matpr.2022.03.544	22147853
944	Kashyap D., Pal D., Sharma R., Garg V.K., Goel N., Koundal D., Zaguia A., Koundal S., Belay A.	Global Increase in Breast Cancer Incidence: Risk Factors and Preventive Measures	BioMed Research International	10.1155/2022/9605439	23146133
945	Kumar A., Maithani R., Kumar A., Kumar D., Sharma S.	An all-Aluminium Vehicle's Design and Feasibility Analysis	Materials Today: Proceedings	10.1016/j.matpr.2022.03.714	22147853
946	Arya M., Sastry H.G.	Stock Index Price Prediction in Real Time Data Stream using Deep Learning with Extra-Tree Ensemble Optimisation	International Journal of Computational Science and Engineering	10.1504/IJCSE.2022.122212	17427185
947	Goswami T., Kumar S., Bheemaraju A., Reddy K.M., Sharma A.K., Kataria A., Shrivastav A.	TiO ₂ Nanoparticles and Nb ₂ O ₅ Nanorods Immobilized rGO for Efficient Visible-Light Photocatalysis and Catalytic Reduction	Catalysis Letters	10.1007/s10562-022-04000-8	1011372X
948	Dewan R., Kumar A., Rahmani M.K.I., Bhatia S., Ahmed M.E.	Simulation and Modelling of Water Injection for Reservoir Pressure Maintenance	Computers, Materials and Continua	10.32604/cmc.2022.024762	15462218
949	Kumar S., Gupta G., Tchier F., Xin Q., Kumar A., Shami F.A.	Development of New Correlations and Parametric Optimization in Nanofluid Flow through Protruded Roughened Square Channel	Mathematical Problems in Engineering	10.1155/2022/1603529	1024123X
950	Sharma R., Nitin N., Dahiya D.	Fault Tolerance in the Joint EDF-RMS Algorithm: A Comparative Simulation Study	Computers, Materials and Continua	10.32604/cmc.2022.025059	15462218
951	Vyas S., Gupta S., Bhargava D., Boddu R.	Fuzzy Logic System Implementation on the Performance Parameters of Health Data Management Frameworks	Journal of Healthcare Engineering	10.1155/2022/9382322	20402295
952	Shambhu S., Koundal D., Das P., Hoang V.T., Tran-Trung K., Turabieh H.	Computational Methods for Automated Analysis of Malaria Parasite using Blood Smear Images: Recent Advances	Computational Intelligence and Neuroscience	10.1155/2022/3626726	16875265
953	Deep G., Kaur J., Singh S.P., Nayak S.R., Kumar M., Kautish S.	MeQryEP: A Texture Based Descriptor for Biomedical Image Retrieval	Journal of Healthcare Engineering	10.1155/2022/9505229	20402295
954	Salankar N., Qaisar S.M.	EEG Based Stress Classification by using Difference Plots of Variational Modes and Machine Learning	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-022-03856-3	18685137

S. No.	Authors	Title	Source Title	DOI	ISSN
955	Gupta S., Goel L., Singh A., Prasad A., Ullah M.A.	Psychological Analysis for Depression Detection from Social Networking Sites	Computational Intelligence and Neuroscience	10.1155/2022/4395358	16875265
956	Gupta V., Sharma M., Pachauri R., Babu K.N.D.	Performance Analysis of Solar PV System using Customize Wireless Data Acquisition System and Novel Cleaning Technique	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2022.2061091	15567036
957	Li X., Liu T., Chen C., Cheng Q., Zhang X., Kumar N.	A Lightweight and Verifiable Access Control Scheme with Constant Size Ciphertext in Edge Computing Assisted IoT	IEEE Internet of Things Journal	10.1109/JIOT.2022.3165576	23274662
958	Sharma H., Kumar Tiwari S., Kumar A., Rana S.	Experimental Investigation of Mechanical And Tribological Properties of AA2024-T3 Friction Stir Welded Butt Joint	Materials Today: Proceedings	10.1016/j.matpr.2022.03.408	22147853
959	Mitra P., Boruah A.	Synthesizing Bio-Additive From Bio-Wastes for the Effective Cement Settling Process	Materials Today: Proceedings	10.1016/j.matpr.2022.03.397	22147853
960	Singh Y., Singla A., Singh N.K., Sharma A.	Production and Feasibility Characterization of Bio-Oil from Jojoba Seed-Based Biomass Through Solar Thermal Energy Pyrolysis Process	Biomass Conversion and Biorefinery	10.1007/s13399-022-02686-9	21906815
961	Kumar S., Singh M.K., Dobhal G., Saini D., Bhatnagar G.	A Secure And Robust Stereo Image Encryption Algorithm Based on DCT and Schur Decomposition	Journal of Information Technology Management	10.22059/JITM.2022.85647	20085893
962	Surya S., Gupta S., Mehbodniya A., Panduro-Ramirez J., Kapula P.R., Alam T., Kaliyaperumal K.	Addressing the Real World Problem of Managing Wireless Communication Systems using Explainable AI-Based Models through Correlation Analysis	Mathematical Problems in Engineering	10.1155/2022/3390075	1024123X
963	Bhargava D., Gupta L.K.	Explainable AI in Neural Networks using Shapley Values	Intelligent Systems Reference Library	10.1007/978-981-19-1476-8_5	18684394
964	Singh S., Jangir S.K., Kumar M., Verma M., Kumar S., Walia T.S., Kamal S.M.M.	Feature Importance Score-Based Functional Link Artificial Neural Networks for Breast Cancer Classification	BioMed Research International	10.1155/2022/2696916	23146133
965	Christalin N.S., Mandal T.K., Prakash G.L.	A Novel Optimized LSTM Networks for Traffic Prediction in VANET	Journal of System and Management Sciences	10.33168/JSMS.2022.0130	18166075

S. No.	Authors	Title	Source Title	DOI	ISSN
966	Yadav M., Singh K., Pandey A.S., Kumar A., Kumar R.	Smart Communication and Security by Key Distribution in Multicast Environment	Wireless Communications & Mobile Computing	10.1155/2022/1011407	15308669
967	Heggde G., Khanka S., Damodaran A.	DigiYatra - A Digital Experience For Air Travelers	Emerald Emerging Markets Case Studies	10.1108/EEMCS-10-2021-0349	20450621
968	Garg A., Gupta S.	Analytical Study of Best Practices for Energy Conservation in MRT Projects	Water and Energy International	-	9744207
969	Agrawal J., Kapoor M.	A Comparative Study of Mobility Models for Flying Ad Hoc Networks	International Journal of Sensor Networks	10.1504/IJSNET.2022.121709	9.78167E+12
970	Garg A., Kant K., Roy K.K., Sahoo A., Malakar C.C., Gupta S.	Docking-Based Evaluation Against Human Tankyrase-1 and Tankyrase-2 Enzyme	Materials Today: Proceedings	10.1016/j.matpr.2022.03.095	22147853
971	Rani P., Kumar R., Jain A.	A Hybrid Approach for Feature Selection Based on Correlation Feature Selection and Genetic Algorithm	International Journal of Software Innovation	10.4018/IJSI.292028	21667160
972	Sharma A.	Antenna Array Pattern Synthesis using Metaheuristic Algorithms: A Review	IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)	10.1080/02564602.2022.2051616	2564602
973	Ahmed M.M., Fatima F., Anwer M.K., Aldawsari M.F., Almutairy B.K., Alshahrani S.M., Iqbal M., Bhatia S., Alanazi A.Z.	Development and Characterization of Osimertinib Loaded Ethylcellulose based Sustained Release Nanosponges: Cytotoxicity and Biocompatibility Studies	Latin American Journal of Pharmacy	-	3262383
974	Joshi A., Kumar A.	Solar PV Projects in Himalayan States: A Comprehensive Study on Technical Viability and Challenges	Water and Energy International	-	9744207
975	Pani U., Gherghina S.C., Mata M.N., Ferrão J.A., Mata P.N.	Does Indian Commodity Futures Markets Exhibit Price Discovery? An Empirical Analysis	Discrete Dynamics in Nature and Society	10.1155/2022/6431403	10260226
976	Mittal A.	Recent Progress in The Fabrication of Volumetric Superhydrophobic Materials	Materials Today: Proceedings	10.1016/j.matpr.2022.02.612	22147853
977	Chaurasia V., Gupta A., Patel R., Chauhan S., Adichwal N.K., Kamble S.	Self-care, Household Cleaning and Disinfection During COVID-19 Pandemic: A Study from Metropolitan Cities of India	Annals of Data Science	10.1007/s40745-022-00377-w	21985804
978	Barthwal S., Sharma V.	New-Age Media and the Genesis of Hindutva	Quarterly Review of Film and Video	10.1080/10509208.2022.2043097	10509208

S. No.	Authors	Title	Source Title	DOI	ISSN
979	Jha N.K., Chen W.C., Kumar S., Dubey R., Tsai L.W., Kar R., Jha S.K., Gupta P.K., Sharma A., Gundamaraju R., Pant K., Mani S., Singh S.K., Maccioni R.B., Datta T., Singh S.K., Gupta G., Prasher P., Dua K., Dey A., Sharma C., Mughal Y.H., Ruokolainen J., Kesari K.K., Ojha S.	Molecular Mechanisms of Developmental Pathways in Neurological Disorders: A Pharmacological and Therapeutic Review	Open Biology	10.1098/rsob.210289	20462441
980	Mishra J., Mishra P.K., Sharma U.S., Brajpuriya R.	Experiments on the Molecular Mechanism and Interface Structure of Pure and Doped Polymer Nanocomposites used in Microelectronics	Journal of Nano-and Electronic Physics	10.21272/jnep.14(1).01025	20776772
981	Choudhary L., Kumar A.	Stem Cell Patenting: Moral and Legal Dilemma	Journal of Intellectual Property Rights	-	9717544
982	Goswami A., Krishna M.M., Vankara J., Gangadharan S.M.P., Yadav C.S., Kumar M., Khan M.M.	Sentiment Analysis of Statements on Social Media and Electronic Media using Machine and Deep Learning Classifiers	Computational Intelligence and Neuroscience	10.1155/2022/9194031	16875265
983	Katal A., Singh V.K., Choudhury T., Imran F.	Enhancing Teaching and Learning through Peer Observation: An Indian Case Study	Education Research International	10.1155/2022/7825178	20904002
984	Gupta P.K., Karthik Kumar D., Thaveena M., Pandit S., Sinha S., Ranjithkumar R., Alsanie W.F., Thakur V.K.	Synthesis, Characterization and Remedial Action of Biogenic Silver Nanoparticles and Chitosan-Silver Nanoparticles against Bacterial Pathogens	Journal of Renewable Materials	10.32604/JRM.2022.019335	21646325
985	Kandpal V.	Socio-Economic Development Through Self-help Groups In Rural India – A Qualitative Study	Qualitative Research in Financial Markets	10.1108/QRFM-10-2021-0170	17554179
986	Vaishali, Sancheti S., Dhaka A., Nandal A., Rosales H.G., Koundal D., Monteagudo F.E.L., Tajada C.E.G., Sharma A.K.	Lambertian Luminous Intensity Radiation Pattern Analysis in OLOS indoor Propagation for Better Connectivity	Wireless Communications and Mobile Computing	10.1155/2022/3703477	15308669
987	Pilania U., Tanwar R., Gupta P.	An ROI-Based Robust Video Steganography Technique using SVD in Wavelet Domain	Open Computer Science	10.1515/comp-2020-0229	2299109
988	Rawat A., Gupta S., Rao T.J.	A Review on Prospective Risks and Mitigation for Oil And Gas Projects: Implication for Indian CGD Companies	International Journal of Energy Sector Management	10.1108/IJESM-01-2021-0016	17506220

S. No.	Authors	Title	Source Title	DOI	ISSN
989	Bhandari A.	Influence of the Diameter of The Magnetic Core and Surfactant Thickness on Water Carrying Iron (iii) Oxide Ferrofluid Flow over A Rotating Disk	Waves in Random and Complex Media	10.1080/17455030.2022.2046299	17455030
990	Bobde P., Sharma A.K., Panchal D., Sharma A., Patel R.K., Dhodapkar R.S., Pal S.	Layered Double Hydroxides (LDHs)-Based Photocatalysts for Dye Degradation: A Review	International Journal of Environmental Science and Technology	10.1007/s13762-022-04007-z	17351472
991	Agarwal R.	An Analytical Study of Non-Newtonian Visco-Inelastic Fluid flow Between Two Stretchable Rotating Disks	Palestine Journal of Mathematics	-	22195688
992	Gehlot A., Singh R., Siwach S., Akram S.V., Alsubhi K., Singh A., Noya I.D., Choudhury S.	Real Time Monitoring of Muscle Fatigue with IoT and Wearable Devices	Computers, Materials and Continua	10.32604/cmc.2022.023861	15462218
993	Xu L., Zhou X., Fu Y., Jiang G., Yu X., Yu M., Kumar N., Guizani M.	Accurate and Efficient Performance Prediction for Mobile IoV Networks using GWO-GR Neural Network	IEEE Internet of Things Journal	10.1109/JIOT.2022.3152739	23274662
994	Hussain N., Patanik P., Abbasi T., Khamrang C., Abbasi S.A., Abbasi T.	Role of Different Earthworm Species In Nullifying The Toxicity of Ipomea Carnea And Enhancing Its Utility As A Phytoremediator	International Journal of Phytoremediation	10.1080/15226514.2022.2031864	15226514
995	Schlegelmilch B.B., Sharma K., Garg S.	Employing Machine Learning For Capturing Covid-19 Consumer Sentiments from Six Countries: A Methodological Illustration	International Marketing Review	10.1108/IMR-06-2021-0194	2651335
996	Sharma M., Kumar R., Jain A.	A Distributed Quality of Service-Enabled Load Balancing Approach For Cloud Environment	International Journal of Pervasive Computing and Communications	10.1108/IJPCC-02-2021-0038	17427371
997	Kumar P., Chakraborty S.	Green Service Production and Environmental Performance in Healthcare Emergencies: Role of Big-Data Management and Green HRM Practices	International Journal of Logistics Management	10.1108/IJLM-02-2021-0075	9574093
998	Yadav D., Lalit N., Kaushik R., Singh Y., Mohit, Dinesh, Yadav A.K., Bhadane K.V., Kumar A., Khan B.	Qualitative Analysis of Text Summarization Techniques and Its Applications in Health Domain	Computational Intelligence and Neuroscience	10.1155/2022/3411881	16875265
999	Rao A.L., Kulshrestha N., Ramakrishnan G., Bahuguna P.C.	The Ignored Tool of Corporate Governance Rating: An Overview of the Corporate World in the Emerging Market	Journal of Governance and Regulation	10.22495/jgrv11i1art4	22209352

S. No.	Authors	Title	Source Title	DOI	ISSN
1000	Bhardwaj A., Kumar M., Alshehri M., Keshta I., Abugabah A., Sharma S.K.	Smart Water Management Framework for Irrigation in Agriculture	Environmental Technology (United Kingdom)	10.1080/0959330.2022.2039783	9593330
1001	Garg V., Bansal A.K., Dubey M.K.	Design of Rain Water Harvesting Structure for Engineering Block	Ecological Engineering and Environmental Technology	10.12912/27197050/143383	27197050
1002	Tanveer M., Alkhayyat A., Naushad A., Khan A.U., Kumar N., Alharbi A.G.	RUAM-IoD: A Robust User Authentication Mechanism for the Internet of Drones	IEEE Access	10.1109/ACCESS.2022.3149376	21693536
1003	Bhandari A.	Effect of Variable Viscosity And Thermal Conductivity on Water-Carrying Iron (iii) Oxide Ferrofluid Flow Between Two Rotating Disks	Indian Journal of Physics	10.1007/s12648-022-02281-8	9731458
1004	Bhat M.Y., Sofi A.A., Sajith S.	Does Biofuel Consumption Improve Environmental Quality? An Econometric Analysis	International Journal of Environmental Science and Technology	10.1007/s13762-022-03992-5	17351472
1005	Misra S., Kumar N.	Special Issue on Artificial Intelligence, Edge, and Internet of Things for Smart Agriculture	IEEE Micro	10.1109/MM.2021.3137537	2721732
1006	Verma J., Pant S., Kumari S., Belwanshi V., Dalal J., Kumar A.	Trench Termination in Ga2O3-Based Power Device: A Simulation-Based Study	Applied Nanoscience (Switzerland)	10.1007/s13204-021-02219-2	21905509
1007	Chaurasiya S.K., Biswas A., Bandyopadhyay P.K., Banerjee A., Banerjee R.	Metaheuristic Load-Balancing-Based Clustering Technique in Wireless Sensor Networks	Wireless Communications and Mobile Computing	10.1155/2022/8911651	15308669
1008	Rajput P.K., Ravulakollu K.K., Singhal S.	An Enhanced Learning Approach for Increasing Student Engagement, Motivation and Learning Using Gamification In Blended Teaching	International Journal of Technology Enhanced Learning	10.1504/IJTEL.2022.120558	17535255
1009	Karki N., Tiwari H., Matiyani M., Bal R., Pal M., Sahoo N.G.	Synergistic Effect of Avidin/Biotin System with Biofunctionalized Graphene Oxide Based Nanocarrier in Targeted Co-Delivery of Hydrophobic Anticancer Drug SN-38	Journal of Vinyl and Additive Technology	10.1002/vnl.21894	10835601
1010	Singh U., Ramaswamy A., Dua A., Kumar N., Tanwar S., Sharma G., Davidson I.E., Sharma R.	Coalition Games for Performance Evaluation in 5G and beyond Networks: A Survey	IEEE Access	10.1109/ACCESS.2022.3146158	21693536

S. No.	Authors	Title	Source Title	DOI	ISSN
1011	Islam M.R., Alam M.K., Paul B.K., Koundal D., Zaguia A., Ahmed K.	Identification of Molecular Biomarkers and Key Pathways for Esophageal Carcinoma (EsC): A Bioinformatics Approach	BioMed Research International	10.1155/2022/5908402	23146133
1012	Asnain M.S., Shuaib M., Majeed I., Sharma M.K., Sharma V.R., Yadav A., Singh D.P., Singh P.P., Kumar S., Kumar R., Singh B.P., Prasad R.	Systematic Study of Fusion Suppression for Tightly Bound Projectiles At Above-Barrier Energies	Physical Review C	10.1103/PhysRevC.105.014609	24699985
1013	Singh V., Asari V.K., Rajasekaran R.	A Deep Neural Network for Early Detection and Prediction of Chronic Kidney Disease	Diagnostics	10.3390/diagnostics12010116	20754418
1014	Anand A., Sharma P.	How India's Mainstream Media Report on the Farmers' Protest	Asian Politics and Policy	10.1111/aspp.12622	19430779
1015	Sheel N., Verma L.P., Kumar S., Singh T.P.	Artificial Intelligence and Analytics for Better Decision-Making and Strategy Management	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_3	25228595
1016	Jeyanthi P.M., Polay D.H., Choudhury T.	The Rise of Decision Intelligence: AI that Optimizes Decision-Making	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_7	25228595
1017	Singh H., Singh A., Nagpal E.	Demystifying Behavioral Biases of Traders Using Machine Learning	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_16	25228595
1018	Jeyanthi P.M., Choudhury T., Hack-Palay D., Singh T.P., Abujar S.	Preface	EAI/Springer Innovations in Communication and Computing	-	25228595
1019	Vijay Samuel G., Govindarajan R., Gajalakshmi B., Sakthidasan J., Francis Panimathy A., Sundeep L., Anitha A., Sangeetha D., Nandan A.	Membranes, Microbial Fuel Cell and Nanomaterials in Water and Wastewater Treatment	International Journal of Mechanical Engineering	-	9745823
1020	Singh A., Singh H., Singh A.	People Analytics: Augmenting Horizon from Predictive Analytics to Prescriptive Analytics	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_13	25228595
1021	Sharma H.K., Choudhury T., Toe T.T.	Machine Learning Based Predictive Analytics: A use Case in Insurance Sector	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_14	25228595

S. No.	Authors	Title	Source Title	DOI	ISSN
1022	Bhuyan B.P., Um J.-S., Singh T.P., Choudhury T.	Decision Intelligence Analytics: Making Decisions Through Data Pattern and Segmented Analytics	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-82763-2_9	25228595
1023	Singh S., Kumar P., Chaudhary H., Khurana R., Shokeen A.	Augmented Reality and Virtual Reality Creating Ripple in Medical and Pharmaceutical World	Studies in Computational Intelligence	10.1007/978-981-16-7220-0_8	1860949X
1024	Rajpurohit J., Sharma T.K.	Chaotic Active Swarm Motion in Jellyfish Search Optimizer	International Journal of Systems Assurance Engineering and Management	10.1007/s13198-021-01561-6	9756809
1025	Khalili M.H., Afsar A., Zhang R., Wilson S., Dossi E., Goel S., Impey S.A., Aria A.I.	Thermal Response of Multi-Layer UV Crosslinked PEGDA Hydrogels	Polymer Degradation and Stability	10.1016/j.polydegradstab.2021.109805	1413910
1026	Kumar P.	Market-Focused Flexibility and Innovative Performance in Public Healthcare: Evidence From India	Journal of Public Affairs	10.1002/pa.2809	14723891
1027	Mailerum Perumal A., Balaji G.N., Dhiviya Rose J., Kulkarni A., Shajin F.H.	Automated Technique for Carotid Plaque Characterisation and Classification Using RDWT in Ultrasound Images	Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization	10.1080/21681163.2021.2004444	21681163
1028	Srivastava R., Singh D., Tomar R., Sarishma	Three-Layer Multimodal Biometric Fusion Using SIFT and SURF Descriptors for Improved Accuracy of Authentication of Human Identity	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78284-9_6	25228595
1029	Rajpal R., Yadav V., Tomar R.	Applying Computation Intelligence for Improved Computer Vision Capabilities	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78284-9_7	25228595
1030	Katal A., Singh N.	Artificial Neural Network: Models, Applications, and Challenges	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78284-9_11	25228595
1031	Tomar R., Hina M.D., Zitouni R., Ramdane-Cherif A.	Preface	EAI/Springer Innovations in Communication and Computing	-	25228595
1032	Singh D.K., Srivastava R., Choudhury T., Yadav A.K.	Computational Intelligence in Web Mining	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78284-9_9	25228595

S. No.	Authors	Title	Source Title	DOI	ISSN
1033	Gupta R., Kumar V., Ram J., Chauhan V., Gupta D., Kumar S., Koratkar N., Kumar R.	Influence of High Energy (MeV) Au ⁹⁺ ion Irradiation For Modification of Properties in Scaffold-Assisted Electro Synthesized Pbse Nanowires	Inorganic Chemistry Communications	10.1016/j.inoch e.2021.109093	13877003
1034	Saha S.K., Tiwari S.K., Kumar S.	Integrated Use of Hyperspectral Remote Sensing & Geostatistics in Spatial Prediction of Soil Organic Carbon Content	Journal of the Indian Society of Remote Sensing	10.1007/s12524 -021-01459-7	0255660X
1035	Walia V., Kaushik D., Mittal V., Kumar K., Verma R., Parashar J., Akter R., Rahman M.H., Bhatia S., Al-Harrasi A., Karthika C., Bhattacharya T., Chopra H., Ashraf G.M.	Correction to: Delineation of Neuroprotective Effects and Possible Benefits of Antioxidants Therapy for the Treatment of Alzheimer's Diseases by Targeting Mitochondrial-Derived Reactive Oxygen Species: Bench to Bedside	Molecular Neurobiology	10.1007/s12035 -021-02665-7	8937648
1036	Parameshachari B.D., Gurumoorthy S., Frnda J., Nelson S.C., Balmuri K.R.	Cognitive Linear Discriminant Regression Computing Technique for HTTP Video Services In SDN Networks	Soft Computing	10.1007/s00500 -021-06531-5	14327643
1037	Awasthi A., Vishwakarma K., Pattnayak K.C.	Retrospection of Heatwave and Heat Index	Theoretical and Applied Climatology	10.1007/s00704 -021-03854-z	0177798X
1038	Parida P.K.	Causality and Its Applications	Studies in Computational Intelligence	10.1007/978-981-16-4713-0_11	1860949X
1039	Danish M., Vijay P., Almesfer M.K.	Evaluating CO ₂ Capture Performance by Adsorption Using Synthesized and Commercial Activated Carbon	Separation Science and Technology (Philadelphia)	10.1080/01496395.2021.1986070	1496395
1040	Tiwari R., Kumar K., Kumar S., Shelly	Human-Sensing Technologies for Business Solutions	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-16-3961-6_42	23674512
1041	Kaushik K., Sharma G., Goyal G., Sharma A.K., Chaubey A.	A Systematic Approach for Analyzing Log Files Based on String Matching Regular Expressions	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-16-3961-6_1	23674512
1042	Ahuja N.J., Thapliyal M., Bisht A., Stephan T., Kannan R., Al-Rakhani M.S., Mahmud M.	An Investigative Study on the Effects of Pedagogical Agents on Intrinsic, Extrinsic and Germane Cognitive Load: Experimental Findings With Dyscalculia and Non-Dyscalculia Learners	IEEE Access	10.1109/ACCE SS.2021.3115409	21693536

S. No.	Authors	Title	Source Title	DOI	ISSN
1043	Tiwari R., Mittal M., Goyal L.M.	Preface	Lecture Notes on Data Engineering & Communications Technologies	-	23674512
1044	Gupta S., Vyas S.	IoT in Green Engineering Transformation for Smart Cities	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-71485-7_7	25228595
1045	Chhabra G., Prasad A., Marriboyina V.	Comparison and Performance Evaluation of Human Bio-Field Visualization Algorithm	Archives of Physiology and Biochemistry	10.1080/13813455.2019.1680699	13813455
1046	Kumar A., Sharma K., Singh H., Naugriya S.G., Gill S.S., Buyya R.	A Drone-Based Networked System and Methods for Combating Coronavirus Disease (COVID-19) Pandemic	Future Generation Computer Systems	10.1016/j.future.2020.08.046	0167739X
1047	Marichelvam M.K., Manimaran P., Verma A., Sanjay M.R., Siengchin S., Kandakodeeswaran K., Geetha M.	A Novel Palm Sheath and Sugarcane Bagasse Fiber Based Hybrid Composites for Automotive Applications: An Experimental Approach	Polymer Composites	10.1002/pc.25843	2728397
1048	Guo Z., Yu K., Jolfaei A., Bashir A.K., Almagrabi A.O., Kumar N.	Fuzzy Detection System for Rumors through Explainable Adaptive Learning	IEEE Transactions on Fuzzy Systems	10.1109/TFUZ.2021.3052109	10636706
1049	Kaur H., Koundal D., Kadyan V.	Image Fusion Techniques: A Survey	Archives of Computational Methods in Engineering	10.1007/s11831-021-09540-7	11343060
1050	Rana A.K., Gupta V.K., Saini A.K., Voicu S.I., Abdellattifaand M.H., Thakur V.K.	Water Desalination Using Nanocelluloses/Cellulose Derivatives Based Membranes For Sustainable Future	Desalination	10.1016/j.desal.2021.115359	119164
1051	Sharma G.D., Tiwari A.K., Erkut B., Mundi H.S.	Exploring the Nexus between Non-Renewable and Renewable Energy Consumptions And Economic Development: Evidence from Panel Estimations	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2021.111152	13640321
1052	Singh Y., Kumar Singh N., Sharma A., Singla A., Singh D., Abd Rahim E.	Effect of ZnO Nanoparticles Concentration as Additives to the Epoxidized Euphorbia Lathyris Oil and their Tribological Characterization	Fuel	10.1016/j.fuel.2020.119148	162361
1053	Rani P., Kumar R., Ahmed N.M.O.S., Jain A.	A Decision Support System for Heart Disease Prediction Based Upon Machine Learning	Journal of Reliable Intelligent Environments	10.1007/s40860-021-00133-6	21994668
1054	Bhardwaj A., Shah S.B.H., Shankar A., Alazab M., Kumar M., Gadekallu T.R.	Penetration Testing Framework for Smart Contract Blockchain	Peer-to-Peer Networking and Applications	10.1007/s12083-020-00991-6	19366442

S. No.	Authors	Title	Source Title	DOI	ISSN
1055	Ghosh K.K., Guha R., Bera S.K., Kumar N., Sarkar R.	S-Shaped Versus v-Shaped Transfer Functions for Binary Manta Ray Foraging Optimization in Feature Selection Problem	Neural Computing and Applications	10.1007/s00521-020-05560-9	9410643
1056	Maithani R., Sharma S., Kumar A.	Thermo-Hydraulic and Exergy Analysis of Inclined Impinging Jets on Absorber Plate of Solar Air Heater	Renewable Energy	10.1016/j.renene.2021.07.013	9601481
1057	Hussain S., Chaudhry S.A., Alomari O.A., Alsharif M.H., Khan M.K., Kumar N.	Amassing the Security: An ECC-Based Authentication Scheme for Internet of Drones	IEEE Systems Journal	10.1109/JSYST.2021.3057047	19328184
1058	Sharma A., Sharma A., Averbukh M., Jatily V., Azzopardi B.	An Effective Method for Parameter Estimation of A Solar Cell	Electronics (Switzerland)	10.3390/electronics10030312	20799292
1059	Ahuja N., Singal G., Mukhopadhyay D., Kumar N.	Automated DDOS Attack Detection in Software Defined Networking	Journal of Network and Computer Applications	10.1016/j.jnca.2021.103108	10848045
1060	Aggarwal A., Kumar M.	Image Surface Texture Analysis and Classification Using Deep Learning	Multimedia Tools and Applications	10.1007/s11042-020-09520-2	13807501
1061	Sharma S., Das R.K., Kulkarni K.	Computational and Experimental Assessment of Solar Air Heater Roughened With Six Different Baffles	Case Studies in Thermal Engineering	10.1016/j.csite.2021.101350	2214157X
1062	Aranthady C., Jangid T., Gupta K., Mishra A.K., Kaushik S.D., Siruguri V., Rao G.M., Shanbhag G.V., Sundaram N.G.	Selective SO ₂ Detection at Low Concentration by Ca Substituted LaFeO ₃ Chemiresistive Gas Sensor: A Comparative Study of LaFeO ₃ Pellet vs Thin Film	Sensors and Actuators, B: Chemical	10.1016/j.snb.2020.129211	9254005
1063	Punia S.K., Kumar M., Stephan T., Deverajan G.G., Patan R.	Performance Analysis of Machine Learning Algorithms for Big Data Classification: ML and AI-based Algorithms for Big Data Analysis	International Journal of E-Health and Medical Communications	10.4018/IJEHMC.20210701.0a4	1947315X
1064	Ray P.P., Chowhan B., Kumar N., Almogren A.	BloTHR: Electronic Health Record Servicing Scheme in IoT-Blockchain Ecosystem	IEEE Internet of Things Journal	10.1109/JIOT.2021.3050703	23274662
1065	Medhi S., Chowdhury S., Bhatt N., Gupta D.K., Rana S., Sangwai J.S.	Analysis of High Performing Graphene Oxide Nanosheets Based Non-Damaging Drilling Fluids Through Rheological Measurements and CFD Studies	Powder Technology	10.1016/j.powtec.2020.08.053	325910
1066	Bhat S., Koundal D.	Multi-Focus Image Fusion Techniques: A Survey	Artificial Intelligence Review	10.1007/s10462-021-09961-7	2692821

S. No.	Authors	Title	Source Title	DOI	ISSN
1067	Bhat S., Koundal D.	Multi-focus Image Fusion using Neutrosophic based Wavelet Transform	Applied Soft Computing	10.1016/j.asoc.2021.107307	15684946
1068	Tiwari S.	Dermatoscopy Using Multi-Layer Perceptron, Convolution Neural Network, and Capsule Network to Differentiate Malignant Melanoma from Benign Nevus	International Journal of Healthcare Information Systems and Informatics	10.4018/IJHISI.20210701.0a4	15553396
1069	Budhiraja I., Kumar N., Tyagi S., Tanwar S., Guizani M.	SWIPT-Enabled D2D Communication Underlying NOMA-Based Cellular Networks in Imperfect CSI	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3049185	189545
1070	Ghodke P.K., Sharma A.K., Pandey J.K., Chen W.-H., Patel A., Ashokkumar V.	Pyrolysis of Sewage Sludge for Sustainable Biofuels and Value-Added Biochar Production	Journal of Environmental Management	10.1016/j.jenvman.2021.113450	3014797
1071	Venkateswaran V B., Saini D.K., Sharma M.	Techno-Economic Hardening Strategies to Enhance Distribution System Resilience Against Earthquake	Reliability Engineering and System Safety	10.1016/j.res.2021.107682	9518320
1072	Kumari A., Kumari K., Ahmed F., Alshoaibi A., Alvi P.A., Dalela S., Ahmad M.M., Aljawfi R.N., Dua P., Vij A., Kumar S.	Influence of Sm Doping on Structural, Ferroelectric, Electrical, Optical and Magnetic Properties of BaTiO ₃	Vacuum	10.1016/j.vacuum.2020.109872	0042207X
1073	Pandey N., Tewari C., Dhali S., Bohra B.S., Rana S., Mehta S.P.S., Singhal S., Chaurasia A., Sahoo N.G.	Effect of Graphene Oxide on The Mechanical and Thermal Properties of Graphene Oxide/Hytrel Nanocomposites	Journal of Thermoplastic Composite Materials	10.1177/0892705719838010	8927057
1074	Chaudhry S.A., Irshad A., Yahya K., Kumar N., Alazab M., Zikria Y.B.	Rotating behind Privacy: An Improved Lightweight Authentication Scheme for Cloud-based IoT Environment	ACM Transactions on Internet Technology	10.1145/3425707	15335399
1075	Rani A., Jain A., Kumar M.	Identification of Copy-Move And Splicing Based Forgeries Using Advanced SURF and Revised Template Matching	Multimedia Tools and Applications	10.1007/s11042-021-10810-6	13807501
1076	Sharma A., Sharma A., Dasgotra A., Jatley V., Ram M., Rajput S., Averbukh M., Azzopardi B.	Opposition-Based Tunicate Swarm Algorithm for Parameter Optimization of Solar Cells	IEEE Access	10.1109/ACCESS.2021.3110849	21693536
1077	Garg R., Kumar A., Bansal N., Prateek M., Kumar S.	Semantic Segmentation of PolSAR Image Data Using Advanced Deep Learning Model	Scientific Reports	10.1038/s41598-021-94422-y	20452322

S. No.	Authors	Title	Source Title	DOI	ISSN
1078	Zhang L., Shen B., Barnawi A., Xi S., Kumar N., Wu Y.	FedDPGAN: Federated Differentially Private Generative Adversarial Networks Framework for the Detection of COVID-19 Pneumonia	Information Systems Frontiers	10.1007/s10796-021-10144-6	13873326
1079	Janarthanan R., Maheshwari R.U., Shukla P.K., Shukla P.K., Mirjalili S., Kumar M.	Intelligent Detection of the Pv Faults Based on Artificial Neural Network and Type 2 Fuzzy Systems	Energies	10.3390/en14206584	19961073
1080	Reebadiya D., Rathod T., Gupta R., Tanwar S., Kumar N.	Blockchain-based Secure and Intelligent Sensing Scheme for Autonomous Vehicles Activity Tracking Beyond 5G Networks	Peer-to-Peer Networking and Applications	10.1007/s12083-021-01073-x	19366442
1081	Lamba R., Gulati T., Al-Dhlan K.A., Jain A.	A Systematic Approach To Diagnose Parkinson's Disease Through Kinematic Features Extracted from Handwritten Drawings	Journal of Reliable Intelligent Environments	10.1007/s40860-021-00130-9	21994668
1082	Gupta A.K., Pachauri R.K., Maity T., Chauhan Y.K., Mahela O.P., Khan B., Gupta P.K.	Effect of Various Incremental Conductance MPPT Methods on the Charging of Battery Load Feed by Solar Panel	IEEE Access	10.1109/ACCESS.2021.3091502	21693536
1083	Negi G., Kumar A., Pant S., Ram M.	Optimization of Complex System Reliability Using Hybrid Grey Wolf Optimizer	Decision Making: Applications in Management and Engineering	10.31181/dma-me210402241n	25606018
1084	Kumar A., Sharma S., Kumar S., Maithani R.	Thermohydraulic Analysis of Twisted Tape Inserts with SiO ₂ /H ₂ O Nanofluid In Heat Exchanger	Australian Journal of Mechanical Engineering	10.1080/14484846.2021.1960672	14484846
1085	Naga Babu A., Raja Sree T., Srinivasa Reddy D., Suresh Kumar G., Krishna Mohan G.V.	Experimental and Statistical Analysis of As (III) Adsorption from Contaminated Water using Activated Red Mud Doped Calcium-Alginate Beads	Environmental Technology (United Kingdom)	10.1080/09593330.2019.1681520	9593330
1086	Dhasarathan C., Kumar M., Srivastava A.K., Al-Turjman F., Shankar A., Kumar M.	A Bio-Inspired Privacy-Preserving Framework For Healthcare Systems	Journal of Supercomputing	10.1007/s11227-021-03720-9	9208542
1087	Rani S., Koundal D., Kavita, Ijaz M.F., Elhoseny M., Alghamdi M.I.	An Optimized Framework for WSN Routing in the Context of Industry 4.0	Sensors (Basel, Switzerland)	10.3390/s21196474	14248220
1088	Sarkar T., Salaudhin M., Choudhury T., Um J.S., Pati S., Hazra S.K., Chakraborty R.	Spatial Optimisation of Mango Leather Production and Colour Estimation through Conventional and Novel Digital Image Analysis Technique	Spatial Information Research	10.1007/s41324-020-00377-z	23663294

S. No.	Authors	Title	Source Title	DOI	ISSN
1089	Kapoor A., Mishra R., Kumar P.	A Compact High Gain Printed Antenna with Frequency Selective Surface for 5G Wideband Applications	Advanced Electromagnetics	10.7716/aem.v10i2.1687	21190275
1090	Jaiswal A., Kumar S., Kaiwartya O., Prasad M., Kumar N., Song H.	Green Computing in IoT: Time Slotted Simultaneous Wireless Information and Power Transfer	Computer Communications	10.1016/j.comcom.2020.12.024	1403664
1091	Singla R., Kaur N., Koundal D., Lashari S.A., Bhatia S., Rahmani M.K.I.	Optimized Energy Efficient Secure Routing Protocol for Wireless Body Area Network	IEEE Access	10.1109/ACCESS.2021.3105600	21693536
1092	Dhar Dwivedi A., Singh R., Kaushik K., Rao Mukkamala R., Alnumay W.S.	Blockchain and Artificial Intelligence For 5G-Enabled Internet of Things: Challenges, Opportunities, and Solutions	Transactions on Emerging Telecommunications Technologies	10.1002/ett.4329	21615748
1093	Kumar S., Viral R., Deep V., Sharma P., Kumar M., Mahmud M., Stephan T.	Forecasting Major Impacts of Covid-19 Pandemic on Country-Driven Sectors: Challenges, Lessons, and Future Roadmap	Personal and Ubiquitous Computing	10.1007/s00779-021-01530-7	16174909
1094	Verma S., Bhatt P., Verma A., Mudila H., Prasher P., Rene E.R.	Microbial Technologies for Heavy Metal Remediation: Effect of Process Conditions and Current Practices	Clean Technologies and Environmental Policy	10.1007/s10098-021-02029-8	1618954X
1095	Singh P., Diwakar M., Shankar A., Shree R., Kumar M.	A Review on SAR Image and its Despeckling	Archives of Computational Methods in Engineering	10.1007/s11831-021-09548-z	11343060
1096	Lupan O., Ababii N., Mishra A.K., Bodduluri M.T., Magariu N., Vahl A., Krüger H., Wagner B., Faupel F., Adelung R., de Leeuw N.H., Hansen S.	Heterostructure-Based Devices with Enhanced Humidity Stability for H ₂ Gas Sensing Applications in Breath Tests and Portable Batteries	Sensors and Actuators, A: Physical	10.1016/j.sna.2021.112804	9244247
1097	Wang C., Huang R., Shen J., Liu J., Vijayakumar P., Kumar N.	A Novel Lightweight Authentication Protocol for Emergency Vehicle Avoidance in VANETs	IEEE Internet of Things Journal	10.1109/JIOT.2021.3068268	23274662
1098	Singh H., Tyagi S., Kumar P., Gill S.S., Buyya R.	Metaheuristics for Scheduling of Heterogeneous Tasks in Cloud Computing Environments: Analysis, Performance Evaluation, and Future Directions	Simulation Modelling Practice and Theory	10.1016/j.simpat.2021.102353	1569190X
1099	Agrawal J., Kapoor M.	A Comparative Study on Geographic-Based Routing Algorithms For Flying Ad-Hoc Networks	Concurrency and Computation: Practice and Experience	10.1002/cpe.6253	15320626
1100	Kaur M., Singh K., Chauhan I., Singh H., Sharma R.K., Vij A., Thakur A., Kumar A.	Low Temperature Carrier Transport Mechanism and Photo-Conductivity of WSe ₂	Journal of Alloys and Compounds	10.1016/j.jallcom.2021.159369	9258388

S. No.	Authors	Title	Source Title	DOI	ISSN
1101	Khan N.I., Halder S., Das S., Goyat M.S.	Graphitic Nanoparticles Functionalized with Epoxy Moiety for Enhancing the Mechanical Performance of Hybrid Carbon Fiber Reinforced Polymer Laminated Composites	Polymer Composites	10.1002/pc.25857	2728397
1102	Tiwari S., Jain A., Sharma A.K., Mohamad Almustafa K.	Phonocardiogram Signal Based Multi-Class Cardiac Diagnostic Decision Support System	IEEE Access	10.1109/ACCESS.2021.3103316	21693536
1103	Kumar R., Kumar P., Tripathi R., Gupta G.P., Kumar N., Hassan M.M.	A Privacy-Preserving-Based Secure Framework Using Blockchain-Enabled Deep-Learning in Cooperative Intelligent Transport System	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2021.3098636	15249050
1104	Goyal L., Sharma C.M., Singh A., Singh P.K.	Leaf And Spike, Wheat Disease Detection & Classification Using an Improved Deep Convolutional Architecture	Informatics in Medicine Unlocked	10.1016/j.imu.2021.100642	23529148
1105	Chakradar M., Aggarwal A., Cheng X., Rani A., Kumar M., Shankar A.	A Non-invasive Approach to Identify Insulin Resistance with Triglycerides and HDL-c Ratio Using Machine learning	Neural Processing Letters	10.1007/s11063-021-10461-6	13704621
1106	Liu T., Mickley L.J., Gautam R., Singh M.K., DeFries R.S., Marlier M.E.	Detection of Delay In Post-Monsoon Agricultural Burning Across Punjab, India: Potential Drivers and Consequences for Air Quality	Environmental Research Letters	10.1088/1748-9326/abcc28	17489318
1107	Ocreto J.B., Chen W.H., Ubando A.T., Park Y.K., Sharma A.K., Ashokkumar V., Ok Y.S., Kwon E.E., Rollon A.P., De Luna M.D.G.	A Critical Review on Second and Third Generation Bioethanol Production Using Microwaved-Assisted Heating (MAH) Pretreatment	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2021.111679	13640321
1108	Kaur P., Harnal S., Tiwari R., Alharithi F.S., Almulihi A.H., Noya I.D., Goyal N.	A Hybrid Convolutional Neural Network Model for Diagnosis of Covid-19 Using Chest X-Ray Images	International Journal of Environmental Research and Public Health	10.3390/ijerph182212191	16617827
1109	Bisht N., Verma A., Chauhan S., Singh V.K.	Effect of Functionalized Silicon Carbide Nano-Particles as Additive in Cross-Linked PVA Based Composites for Vibration Damping Application	Journal of Vinyl and Additive Technology	10.1002/vnl.21865	10835601
1110	Aggarwal S., Kumar N.	A Consortium Blockchain-Based Energy Trading for Demand Response Management in Vehicle-to-Grid	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3100681	189545

S. No.	Authors	Title	Source Title	DOI	ISSN
1111	Singh R.K., Sachan M.K., Patel R.B.	360 Degree View of Cross-Domain Opinion Classification: A Survey	Artificial Intelligence Review	10.1007/s10462-020-09884-9	2692821
1112	Dogra V., Kishore C., Verma A., Rana A.K., Gaur A.	Fabrication and Experimental Testing of Hybrid Composite Material Having Biodegradable Bagasse Fiber in a Modified Epoxy Resin: Evaluation of Mechanical and Morphological Behavior	Applied Science and Engineering Progress	10.14416/j.asep.2021.06.002	26729156
1113	Khan M.A., Shah H., Rehman S.U., Kumar N., Ghazali R., Shehzad D., Ullah I.	Securing Internet of Drones with Identity-Based Proxy Signcryption	IEEE Access	10.1109/ACCESS.2021.3089009	21693536
1114	Pachauri R.K., Kansal I., Babu T.S., Alhelou H.H.	Power Losses Reduction of Solar PV Systems under Partial Shading Conditions Using Re-Allocation of PV Module-Fixed Electrical Connections	IEEE Access	10.1109/ACCESS.2021.3093954	21693536
1115	Bhattacharya P., Tanwar S., Bodkhe U., Kumar A., Kumar N.	EVBLOCKS: A Blockchain-Based Secure Energy Trading Scheme for Electric Vehicles underlying 5G-V2X Ecosystems	Wireless Personal Communications	10.1007/s11277-021-08732-5	9296212
1116	Kumar A., Krishnamurthi R., Bhatia S., Kaushik K., Ahuja N.J., Nayyar A., Masud M.	Blended Learning Tools and Practices: A Comprehensive Analysis	IEEE Access	10.1109/ACCESS.2021.3085844	21693536
1117	Sarkar T., Salauddin M., Hazra S.K., Choudhury T., Chakraborty R.	Comparative Approach of Artificial Neural Network and Thin Layer Modelling for Drying Kinetics and Optimization of Rehydration Ratio for Bael (Aegle Marmelos (L) Correa) Powder Production	Economic Computation and Economic Cybernetics Studies and Research	10.24818/18423264/55.1.21.11	0424267X
1118	Maithani R., Kumar A., Raghav G., Nagpal M., Kumar B.	Thermal Analysis of Jet Impingement on Hemispherical Protrusion on Heated Surface	Experimental Heat Transfer	10.1080/08916152.2020.1808117	8916152
1119	Ali W., Din I.U., Almogren A., Kumar N.	ALPHA: An Anonymous Orthogonal Code-Based Privacy Preserving Scheme for Industrial Cyber-Physical Systems	IEEE Transactions on Industrial Informatics	10.1109/TII.2020.3030961	15513203
1120	Beg M., Haider M.B., Thakur N.K., Husein M., Sharma S., Kumar R.	Clay-Water Interaction Inhibition Using Amine and Glycol-Based Deep Eutectic Solvents for Efficient Drilling of Shale Formations	Journal of Molecular Liquids	10.1016/j.molliq.2021.117134	1677322

S. No.	Authors	Title	Source Title	DOI	ISSN
1121	Badar H.M.S., Qadri S., Shamshad S., Ayub M.F., Mahmood K., Kumar N.	An Identity Based Authentication Protocol for Smart Grid Environment Using Physical Uncloneable Function	IEEE Transactions on Smart Grid	10.1109/TSG.2021.3072244	19493053
1122	Singhal R., Kumar A., Singh H., Fuller S., Gill S.S.	Digital Device-Based Active Learning Approach Using Virtual Community Classroom During The COVID-19 Pandemic	Computer Applications in Engineering Education	10.1002/cae.22355	10613773
1123	Mehta D., Tanwar S., Bodkhe U., Shukla A., Kumar N.	Blockchain-Based Royalty Contract Transactions Scheme for Industry 4.0 Supply-Chain Management	Information Processing and Management	10.1016/j.ipm.2021.102586	3064573
1124	Kadyan V., Shanawazuddin S., Singh A.	Developing Children's Speech Recognition System for Low Resource Punjabi Language	Applied Acoustics	10.1016/j.apacoust.2021.108002	0003682X
1125	Barber R., Cameron S., Devine A., McCombe A., Kirsty Pourshahidi L., Cundell J., Roy S., Mathur A., Casimero C., Papakonstantinou P., Davis J.	Laser Induced Graphene Sensors for Assessing Ph: Application to Wound Management	Electrochemistry Communications	10.1016/j.elecom.2020.106914	13882481
1126	Sharma P., Kumari S., Ghosh D., Yadav V., Vij A., Rawat P., Kumar S., Sinha C., Saini S., Sharma V., Hassan M.I., Srivastava C.M., Majumder S.	Capping Agent-Induced Variation of Physicochemical And Biological Properties of A-Fe ₂ O ₃ Nanoparticles	Materials Chemistry and Physics	10.1016/j.matchemphys.2020.123899	2540584
1127	Goel S., Gupta S., Panwar A., Kumar S., Verma M., Bourouis S., Ullah M.A.	Deep Learning Approach for Stages of Severity Classification in Diabetic Retinopathy Using Color Fundus Retinal Images	Mathematical Problems in Engineering	10.1155/2021/7627566	1024123X
1128	Sharma R., Nitin N., AlShehri M.A.R., Dahiya D.	Priority-Based Joint EDF-RM Scheduling Algorithm for Individual Real-Time Task on Distributed Systems	Journal of Supercomputing	10.1007/s11227-020-03306-x	9208542
1129	Mondal S., Mondal A.K., Chintala V., Tauseef S.M., Kumar S., Pandey J.K.	Thermochemical Pyrolysis of Biomass Using Solar Energy For Efficient Biofuel Production: A Review	Biofuels	10.1080/17597269.2018.1461512	17597269
1130	Beluns S., Platnieks O., Gaidukovs S., Starkova O., Sabalina A., Grase L., Thakur V.K., Gaidukova G.	Lignin and Xylan as Interface Engineering Additives for Improved Environmental Durability of Sustainable Cellulose Nanopapers	International Journal of Molecular Sciences	10.3390/ijms22312939	16616596

S. No.	Authors	Title	Source Title	DOI	ISSN
1131	Arpitha G.R., Verma A., Sanjay M.R., Siengchin S.	Preparation and Experimental Investigation on Mechanical and Tribological Performance of Hemp-Glass Fiber Reinforced Laminated Composites for Lightweight Applications	Advances in Civil Engineering Materials	10.1520/ACEM 20200187	23791357
1132	Chhikara P., Tekchandani R., Kumar N., Guizani M., Hassan M.M.	Federated Learning and Autonomous UAVs for Hazardous Zone Detection and AQI Prediction in IoT Environment	IEEE Internet of Things Journal	10.1109/JIOT. 2021.3074523	23274662
1133	Kapoor A., Kumar P., Mishra R.	Analysis and Design of A Passive Spatial Filter for Sub-6 GHz 5G Communication Systems	Journal of Computational Electronics	10.1007/s10825 -021-01742-3	15698025
1134	Wazid M., Das A.K., Kumar N., Alazab M.	Designing Authenticated Key Management Scheme in 6G-Enabled Network in a Box Deployed for Industrial Applications	IEEE Transactions on Industrial Informatics	10.1109/TII. 2020.3020303	15513203
1135	Jaiswal A., Kumar S., Kaiwartya O., Kashyap P.K., Kanjo E., Kumar N., Song H.	Quantum Learning-Enabled Green Communication for Next-Generation Wireless Systems	IEEE Transactions on Green Communications and Networking	10.1109/TGCN .2021.3067918	24732400
1136	Dasgotra A., Rangarajan G., Tauseef S.M.	CFD-Based Study and Analysis on the Effectiveness of Water Mist In Interacting Pool Fire Suppression	Process Safety and Environmental Protection	10.1016/j.psep. 2021.06.033	9575820
1137	Pokhrel S.R., Pan L., Kumar N., Doss R., Vu H.L.	Multipath TCP Meets Transfer Learning: A Novel Edge-Based Learning for Industrial IoT	IEEE Internet of Things Journal	10.1109/JIOT. 2021.3056466	23274662
1138	Yar H., Hussain T., Khan Z.A., Koundal D., Lee M.Y., Baik S.W.	Vision Sensor-Based Real-Time Fire Detection in Resource-Constrained IoT Environments	Computational Intelligence and Neuroscience	10.1155/2021/ 5195508	16875265
1139	Nair R., Alhudhaif A., Koundal D., Doewes R.I., Sharma P.	Deep Learning-Based COVID-19 Detection System Using Pulmonary CT Scans	Turkish Journal of Electrical Engineering and Computer Sciences	10.3906/elk- 2105-243	13000632
1140	Shah H., Shah M., Tanwar S., Kumar N.	Blockchain for COVID-19: A Comprehensive Review	Personal and Ubiquitous Computing	10.1007/s00779 -021-01610-8	16174909
1141	Srivastava R., Tomar R., Sharma A., Dhiman G., Chilamkurti N., Kim B.G.	Real-Time Multimodal Biometric Authentication of Human Using Face Feature Analysis	Computers, Materials and Continua	10.32604/cmc.2 021.015466	15462218

S. No.	Authors	Title	Source Title	DOI	ISSN
1142	Garg C.P., Kashav V.	Modeling The Supply Chain Finance (SCF) barriers of Indian SMEs using BWM Framework	Journal of Business and Industrial Marketing	10.1108/JBIM-05-2020-0248	8858624
1143	Chithaluru P., Tiwari R., Kumar K.	ARIOR: Adaptive Ranking Based Improved Opportunistic Routing in Wireless Sensor Networks	Wireless Personal Communications	10.1007/s11277-020-07709-0	9296212
1144	Najda A., Bains A., Chawla P., Kumar A., Balant S., Walasek-Janusz M., Wach D., Kaushik R.	Assessment of Anti-Inflammatory And Antimicrobial Potential Of Ethanolic Extract Of Woodfordia Fruticosa Flowers: GC-MS Analysis	Molecules	10.3390/molecules26237193	14203049
1145	Makkar A., Kumar N.	PROTECTOR: An Optimized Deep Learning-Based Framework for Image Spam Detection and Prevention	Future Generation Computer Systems	10.1016/j.future.2021.06.026	0167739X
1146	Pathak N., Misra S., Mukherjee A., Kumar N.	HeDI: Healthcare Device Interoperability for IoT-Based e-Health Platforms	IEEE Internet of Things Journal	10.1109/IIOT.2021.3052066	23274662
1147	Sharma S., Dutta V., Raizada P., Khan A.A.P., Le Q.V., Thakur V.K., Biswas J.K., Selvasembian R., Singh P.	Controllable Functionalization of g-C ₃ N ₄ Mediated All-Solid-State (ASS) Z-Scheme Photocatalysts Towards Sustainable Energy and Environmental Applications	Environmental Technology and Innovation	10.1016/j.eti.2021.101972	23521864
1148	Sirohi P., Al-Wesabi F.N., Alshahrani H.M., Maheshwari P., Agarwal A., Dewangan B.K., Hilal A.M., Choudhury T.	Energy-Efficient Cloud Service Selection And Recommendation Based on QoS for Sustainable Smart Cities	Applied Sciences (Switzerland)	10.3390/app11209394	20763417
1149	Gupta D., Chauhan V., Koratkar N., Singh F., Kumar A., Kumar S., Kumar R.	High Energy (MeV) Ion Beam Induced Modifications In Al ₂ O ₃ -ZnO Multilayers Thin Films Grown By ALD and Enhancement In Photoluminescence, Optical and Structural Properties	Vacuum	10.1016/j.vacuum.2021.110435	0042207X
1150	Kapoor A., Mishra R., Kumar P.	Wideband Miniaturized Patch Radiator For Sub-6 Ghz 5g Devices	Heliyon	10.1016/j.heliyon.2021.e07931	24058440
1151	Kandpal D., Dhingra T.	Migrating to Reverse Auction Mechanisms in Wind Energy Sector: Status And Challenges	Energy Policy	10.1016/j.enpol.2021.112352	3014215
1152	Arora S., Nag A., Rajpal A., Tyagi V.K., Tiwari S.B., Sethi J., Sutaria D., Rajvanshi J., Saxena S., Shrivastava S.K., Srivastava V., Gupta A.B., Kazmi A.A., Kumar M.	Imprints of Lockdown and Treatment Processes on The Wastewater Surveillance of SARS-COV-2: A Curious Case of Fourteen Plants in Northern India	Water (Switzerland)	10.3390/w13162265	20734441

S. No.	Authors	Title	Source Title	DOI	ISSN
1153	Kumar R., Thakur A.K., Banerjee N., Chaudhari P.	Investigation on Crystallization Phenomena With Supercritical Carbon Dioxide (CO ₂) as the Antisolvent	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2020-0189	15426580
1154	Ray P.P., Kumar N., Guizani M.	A Vision on 6G-Enabled NIB: Requirements, Technologies, Deployments, and Prospects	IEEE Wireless Communications	10.1109/MWC.001.2000384	15361284
1155	Goswami T., Bheemaraju A., Kataria A., Nag A., Sravani K., Mishra S., Mishra A.K.	Highly Fluorescent Water-Soluble PTCA Incorporated Silver Nano-Cluster for Sensing of Dopamine	Materials Chemistry and Physics	10.1016/j.matchemphys.2020.124086	2540584
1156	Jain S., Ahuja N.J., Srikanth P., Bhadane K.V., Nagaiah B., Kumar A., Konstantinou C.	Blockchain and Autonomous Vehicles: Recent Advances and Future Directions	IEEE Access	10.1109/ACCESS.2021.3113649	21693536
1157	Khan I.U., Shah S.B.H., Wang L., Aziz M.A., Stephan T., Kumar N.	Routing Protocols & Unmanned Aerial Vehicles Autonomous Localization in Flying Networks	International Journal of Communication Systems	10.1002/dac.4885	10745351
1158	Zhang P., Wang C., Jiang C., Kumar N., Lu Q.	Resource Management and Security Scheme of ICPSs and IoT Based on VNE Algorithm	IEEE Internet of Things Journal	10.1109/JIOT.2021.3068158	23274662
1159	Singh A.K., Alshehri M., Bhushan S., Kumar M., Alfarraj O., Pardarshani K.R.	Secure And Energy Efficient Data Transmission Model for WSN	Intelligent Automation and Soft Computing	10.32604/IASC.2021.012806	10798587
1160	Gupta V., Sharma M., Pachauri R.K., Babu K.N.D.	A Low-Cost Real-Time IoT Enabled Data Acquisition System for Monitoring of PV System	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2020.1844351	15567036
1161	Behl T., Kumar S., Sehgal A., Singh S., Sharma N., Chirgurupati S., Aldubayan M., Alhowail A., Bhatia S., Bungau S.	Linking COVID-19 and Parkinson's Disease: Targeting the Role of Vitamin-D	Biochemical and Biophysical Research Communications	10.1016/j.bbrc.2021.10.042	0006291X
1162	Mehta R., Aggarwal K., Koundal D., Alhudhaif A., Polat K.	Markov Features Based DTCWS Algorithm for Online Image Forgery Detection Using Ensemble Classifier in the Pandemic	Expert Systems with Applications	10.1016/j.eswa.2021.115630	9574174
1163	Prathiba S.B., Raja G., Dev K., Kumar N., Guizani M.	A Hybrid Deep Reinforcement Learning for Autonomous Vehicles Smart-Platooning	IEEE Transactions on Vehicular Technology	10.1109/TVT.2021.3122257	189545
1164	Nandan A., Siddiqui N.A., Singh C., Aeri A., Gwenzi W., Ighalo J.O., de Carvalho Nagliate P., Meili L., Singh P., Chaukura N., Rangabhashiyam S.	COVID-19 Pandemic in Uttarakhand, India: Environmental Recovery or Degradation?	Journal of Environmental Chemical Engineering	10.1016/j.jece.2021.106595	22133437

S. No.	Authors	Title	Source Title	DOI	ISSN
1165	Tao Y., Bai J., Pachauri R.K., Wang Y., Li J., Attaher H.K.	Parameterizing Mismatch Loss In Bifacial Photovoltaic Modules with Global Deployment: A Comprehensive Study	Applied Energy	10.1016/j.apenergy.2021.117636	3062619
1166	Budhiraja I., Kumar N., Tyagi S., Tanwar S.	Energy Consumption Minimization Scheme for NOMA-Based Mobile Edge Computation Networks Underlying UAV	IEEE Systems Journal	10.1109/JSYST.2021.3076782	19328184
1167	Elakkiya R., Vijayakumar P., Kumar N.	An Optimized Generative Adversarial Network Based Continuous Sign Language Classification	Expert Systems with Applications	10.1016/j.eswa.2021.115276	9574174
1168	Tripathi A., Goswami T., Trivedi S.K., Sharma R.D.	A Multi Class Random Forest (MCRF) Model for Classification of Small Plant Peptides	International Journal of Information Management Data Insights	10.1016/j.jjimei.2021.100029	26670968
1169	Sharma A., Khan R.A., Sharma A., Kashyap D., Rajput S.	A Novel Opposition-Based Arithmetic Optimization Algorithm For Parameter Extraction of PEM Fuel Cell	Electronics (Switzerland)	10.3390/electronics10222834	20799292
1170	Stanić D., Kojić V., Čizmar T., Jurać K., Bagladi L., Mangalam J., Rath T., Gajović A.	Simulating The Performance of A Formamidinium Based Mixed Cation Lead Halide Perovskite Solar Cell	Materials	10.3390/ma14216341	19961944
1171	Rani R., Batoo K.M., Sharma P., Anand G., Kumar G., Bhardwaj S., Singh M.	Structural, Morphological And Temperature Dependent Electrical Traits of Co _{0.9} Zn _{0.1} InxFe _{2-x} O ₄ Spinel Nano-Ferrites	Ceramics International	10.1016/j.ceramint.2021.07.273	2728842
1172	Bhandari A.	Entropy Generation and Heat Transfer Analysis for Ferrofluid Flow Between Two Rotating Disks with Variable Conductivity	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	10.1177/0954406221991184	9544062
1173	Vekaria D., Kumari A., Tanwar S., Kumar N.	ξboost: An AI-Based Data Analytics Scheme for COVID-19 Prediction and Economy Boosting	IEEE Internet of Things Journal	10.1109/JIOT.2020.3047539	23274662
1174	Bali M.S., Gupta K., Koundal D., Zaguia A., Mahajan S., Pandit A.K.	Smart Architectural Framework for Symmetrical Data Offloading in IoT	Symmetry	10.3390/sym13101889	20738994
1175	Miglani A., Kumar N.	Blockchain Management and Machine Learning Adaptation for IoT Environment in 5G and Beyond Networks: A Systematic Review	Computer Communications	10.1016/j.comcom.2021.07.009	1403664

S. No.	Authors	Title	Source Title	DOI	ISSN
1176	Bhat M.Y., Sofi A.A.	Willingness to Pay for Biodiversity Conservation in Dachigam National Park, India	Journal for Nature Conservation	10.1016/j.jnc.2021.126022	16171381
1177	Chithaluru P.K., Khan M.S., Kumar M., Stephan T.	ETH-LEACH: An Energy Enhanced Threshold Routing Protocol for WSNs	International Journal of Communication Systems	10.1002/dac.4881	10745351
1178	Hashim M., Boda N., Ahmed A., Sharma S.K., Ravinder D., Sumalatha E., Ul-Hamid A., Ismail M.M., Chaman M., Shirsath S.E., Kumar R., Kumar S., Meena S.S., Nasir M.	Influence of Samarium Doping on Structural, Elastic, Magnetic, Dielectric, and Electrical Properties of Nanocrystalline Cobalt Ferrite	Applied Physics A: Materials Science and Processing	10.1007/s00339-021-04686-4	9478396
1179	Aswani R., Sajith S., Bhat M.Y.	Is Geopolitics A Threat for Offshore Wind Energy? A Case of Indian Ocean Region	Environmental Science and Pollution Research	10.1007/s11356-021-12779-z	9441344
1180	Kumar R., Kumar S., Chaudhari P., Thakur A.K.	Liquid Antisolvent Recrystallization and Solid Dispersion of Flufenamic Acid with Polyvinylpyrrolidone K-30	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2020-0168	15426580
1181	Singh M.K., Kumar S., Ali M., Saini D.	Application of A Novel Image Moment Computation In X-Ray and MRI Image Watermarking	IET Image Processing	10.1049/ipr2.12052	17519659
1182	Mehbodniya A., Neware R., Vyas S., Kumar M.R., Ngulube P., Ray S.	Blockchain and IPFS Integrated Framework in Bilevel Fog-Cloud Network for Security and Privacy of IoMT Devices	Computational and Mathematical Methods in Medicine	10.1155/2021/7727685	1748670X
1183	Bhat M.Y., Sofi A.A., Sajith S.	Exploring Environment-Energy-Growth Nexus in OECD Countries: A Nonparametric Approach	Biomass Conversion and Biorefinery	10.1007/s13399-021-01835-w	21906815
1184	Pachauri R.K., Alhelou H.H., Bai J., Golshan M.E.H.	Adaptive Switch Matrix for PV Module Connections to Avoid Permanent Cross-Tied Link in PV Array System under Non-Uniform Irradiations	IEEE Access	10.1109/ACCESS.2021.3068637	21693536
1185	Bai J., Sun L., Pachauri R.K., Wang G.	Investigation on Photovoltaic Array Modeling and the MPPT Control Method under Partial Shading Conditions	International Journal of Photoenergy	10.1155/2021/8813717	1110662X
1186	Gupta H., Rai S.K., Satya Krishna N., Anand G.	The Effect of Copper Oxide Nanoparticle Additives on The Rheological and Tribological Properties of Engine Oil	Journal of Dispersion Science and Technology	10.1080/01932691.2020.1844017	1932691

S. No.	Authors	Title	Source Title	DOI	ISSN
1187	Chithaluru P., Tiwari R., Kumar K.	Performance Analysis of Energy Efficient Opportunistic Routing Protocols in Wireless Sensor Network	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327909666191026092311	22103279
1188	Rawat A., Sushil R., Agarwal A., Sikander A.	A New Approach for VM Failure Prediction using Stochastic Model in Cloud	IETE Journal of Research	10.1080/03772063.2018.1537814	3772063
1189	Mathur A., Nayak H.C., Rajput S., Roy S., Nagabooshanam S., Wadhwa S., Kumar R.	An Enzymatic Multiplexed Impedimetric Sensor Based on A-Mno ₂ /Gqd Nano-Composite for the Detection of Diabetes and Diabetic Foot Ulcer Using Micro-Fluidic Platform	Chemosensors	10.3390/chemosensors9120339	22279040
1190	Bera A.K., Gupta P., Garai D., Gupta A., Kumar D.	Effect of Surface Morphology on Magnetization Dynamics of Cobalt Ultrathin Films: An In-Situ Investigation	Applied Surface Science Advances	10.1016/j.apsadv.2021.100124	26665239
1191	Wei W., Thakur V.K., Li S., Chianella I.	Self-Switchable Polymer Reactor With PNIPAM-PAM Smart Switch Capable of Tandem/Simple Catalysis	Polymer	10.1016/j.polymer.2021.124265	323861
1192	Chithaluru P., Al-Turjman F., Stephan T., Kumar M., Mostarda L.	Energy-Efficient Blockchain Implementation For Cognitive Wireless Communication Networks (CWCNs)	Energy Reports	10.1016/j.egyr.2021.07.136	23524847
1193	Chowdhury J., Anirudh P.V., Karunakaran C., Rajmohan V., Mathew A.T., Koziol K., Alsanie W.F., Kannan C., Balan A.S.S., Thakur V.K.	4D Printing of Smart Polymer Nanocomposites: Integrating Graphene and Acrylate Based Shape Memory Polymers	Polymers	10.3390/polym13213660	20734360
1194	Bhagat C., Mohapatra P.K., Kumar M.	Unveiling The Extent of Salinization to Delineate the Potential Submarine Groundwater Discharge Zones Along the North-Western Coast of India	Marine Pollution Bulletin	10.1016/j.marpolbul.2021.112773	0025326X
1195	Yoon K., Li J., Shao S., Karn A., Hong J.	Investigation of Ventilation Demand Variation in Unsteady Supercavitation	Experimental Thermal and Fluid Science	10.1016/j.exphemflusci.2021.110472	8941777
1196	Yadav M., Pal N., Saini D.K.	Resilient Electrical Distribution Grid Planning Against Seismic Waves using Distributed Energy Resources and Sectionalizers: An Indian's Urban Grid Case Study	Renewable Energy	10.1016/j.renene.2021.06.071	9601481

S. No.	Authors	Title	Source Title	DOI	ISSN
1197	Rani P., Kumar R., Jain A.	HIOC: A Hybrid Imputation Method to Predict Missing Values in Medical Datasets	International Journal of Intelligent Computing and Cybernetics	10.1108/IJICC-03-2021-0042	1756378X
1198	Saber O., Shaalan N.M., Ahmed F., Kumar S., Alshoaibi A.	One-Step Multi-Doping Process for Producing Effective Zinc Oxide Nanofibers to Remove Industrial Pollutants Using Sunlight	Crystals	10.3390/cryst11101268	20734352
1199	Aldawsari M.F., Anwer M.K., Ahmed M.M., Fatima F., Soliman G.A., Bhatia S., Zafar A., Aboudzadeh M.A.	Enhanced Dissolution of Sildenafil Citrate Using Solid Dispersion with Hydrophilic Polymers: Physicochemical Characterization and in Vivo Sexual Behavior Studies in Male Rats	Polymers	10.3390/polym13203512	20734360
1200	Roy S., Nagabooshanam S., Chauhan N., Kumar R., Wadhwa S., Mathur A.	Design And Development of A Novel Flexible Molecularly Imprinted Electroanalytical Sensor for the Monitoring of Diabetic Foot Ulcers	Surfaces and Interfaces	10.1016/j.surfin.2021.101310	24680230
1201	Kumar N., Mishra V.M., Kumar A.	Smart Grid And Nuclear Power Plant Security by Integrating Cryptographic Hardware Chip	Nuclear Engineering and Technology	10.1016/j.net.2021.05.006	17385733
1202	Goenka N., Tiwari S.	Deep Learning For Alzheimer Prediction Using Brain Biomarkers	Artificial Intelligence Review	10.1007/s10462-021-10016-0	2692821
1203	Gupta R., Reebadiya D., Tanwar S., Kumar N., Guizani M.	When Blockchain Meets Edge Intelligence: Trusted and Security Solutions for Consumers	IEEE Network	10.1109/MNET.001.2000735	8908044
1204	Sharma S., Pukale S., Sahel D.K., Singh P., Mittal A., Chitkara D.	Folate Targeted Hybrid Lipo-Polymeric Nanoplexes Containing Docetaxel and miRNA-34a for Breast Cancer Treatment	Materials Science and Engineering C	10.1016/j.msec.2021.112305	9284931
1205	Beniwal D., Ray P.K.	Learning Phase Selection and Assemblages in High-Entropy Alloys Through A Stochastic Ensemble-Averaging Model	Computational Materials Science	10.1016/j.com.matsci.2021.110647	9270256
1206	Qi R., Ji S., Shen J., Vijayakumar P., Kumar N.	Security Preservation in Industrial Medical CPS Using Chebyshev Map: An AI Approach	Future Generation Computer Systems	10.1016/j.future.2021.03.008	0167739X
1207	Mishra R., Dandotiya R., Kapoor A., Kumar P.	Compact High Gain Multiband Antenna Based on Split Ring Resonator and Inverted F Slots for 5G Industry Applications	Applied Computational Electromagnetics Society Journal	10.47037/2021.ACES.J.360808	10544887

S. No.	Authors	Title	Source Title	DOI	ISSN
1208	Arumugam S., Bandyopadhyay P., Singh S., Hariprasad M.G., Rathod D., Arora G., Sen A.	DPEX-II: A New Dusty Plasma Device Capable of Producing Large Sized DC Coulomb Crystals	Plasma Sources Science and Technology	10.1088/1361- 6595/ac12d9	9630252
1209	Fatima R., Sharma M., Prasher P.	Targeted Delivery of Flufenamic Acid by V-Amylose	Therapeutic Delivery	10.4155/tde- 2021-0020	20415990
1210	Anand K., Vadivalagan C., Joseph J.S., Singh S.K., Gulati M., Shahbaaz M., Abdellattif M.H., Prasher P., Gupta G., Chellappan D.K., Dua K.	A Novel Nano Therapeutic Using Convalescent Plasma Derived Exosomal (CPExo) for COVID-19: A Combined Hyperactive Immune Modulation and Diagnostics	Chemico-Biological Interactions	10.1016/j.cbi. 2021.109497	92797
1211	Munthala D., Mangababu A., Nageswara Rao S.V.S., Pojprapai S., Pathak A.P., Avasthi D.K.	Swift Heavy Ion Assisted Growth of Silver Nanoparticles Embedded in Hafnium Oxide Matrix	Journal of Applied Physics	10.1063/5. 0054846	218979
1212	Ompal, Mishra V.M., Kumar A.	Zigbee Internode Communication and FPGA Synthesis Using Mesh, Star and Cluster Tree Topological Chip	Wireless Personal Communications	10.1007/s11277 -021-08282-w	9296212
1213	Negi S., Negi G.	Framework to Manage Humanitarian Logistics in Disaster Relief Supply Chain Management in India	International Journal of Emergency Services	10.1108/IJES- 02-2020-0005	20470894
1214	Negi S., Trivedi S.	Factors Impacting the Quality of Fresh Produce in Transportation and their Mitigation Strategies: Empirical Evidence From A Developing Economy	Journal of Agribusiness in Developing and Emerging Economies	10.1108/JADE E-07-2020- 0154	20440839
1215	Kumar M., Pandey R.K., Pathak S., Vandana, Ojha S., Kumar T., Kumar R.	Surface Engineering of Pt Thin Films by Low Energy Heavy Ion Irradiation	Applied Surface Science	10.1016/j.apsus c.2020.148338	1694332
1216	Rajput P.K., Sikka G.	Multi-Agent Architecture for Fault Recovery in Self- Healing Systems	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652 -020-02443-8	18685137
1217	Khan N.I., Halder S., Talukdar N., Das S., Goyat M.S.	Surface Oxidized/Silanized Graphite Nanoplatelets for Reinforcing an Epoxy Matrix	Materials Chemistry and Physics	10.1016/j.matc hemphys.2020. 123851	2540584
1218	Kumar A., Kumar N., Kumar S., Maithani R.	Exergetic Efficiency Analysis of Impingement Jets Integrated with Internal Conical Ring Roughened Solar Heat Collector	Experimental Heat Transfer	10.1080/08916 152.2021.2002 466	8916152

S. No.	Authors	Title	Source Title	DOI	ISSN
1219	Ramanunni A.K., Wadhwa S., Gulati M., Gupta S., Porwal O., Jha N.K., Gupta P.K., Kumar D., Prasher P., Dua K., Saqr A.A., Almawash S., Singh S.K.	Development And Validation of RP-HPLC Method For 1'- Acetoxychavicol Acetate (ACA) and its Application in Optimizing the Yield of ACA During Its Isolation From Alpinia Galanga Extract as Well As Its Quantification in Nanoemulsion	South African Journal of Botany	10.1016/j.sajb. 2021.10.012	2546299
1220	Joshi D., Patidar A.K., Mishra A., Mishra A., Agarwal S., Pandey A., Dewangan B.K., Choudhury T.	Prediction of Sonic Log and Correlation of Lithology by Comparing Geophysical Well Log Data Using Machine Learning Principles	GeoJournal	10.1007/s10708 -021-10502-6	3432521
1221	Salankar N., Koundal D., Mian Qaisar S.	Stress Classification by Multimodal Physiological Signals Using Variational Mode Decomposition and Machine Learning	Journal of Healthcare Engineering	10.1155/2021/ 2146369	20402295
1222	Ullah I., Alkhalifah A., Rehman S.U., Kumar N., Khan M.A.	An Anonymous Certificateless Signcryption Scheme for Internet of Health Things	IEEE Access	10.1109/ACCE SS.2021.30974 03	21693536
1223	Kumar S., Thakur R., Suri A.R.S., Kashyap K., Singhy A., Kumar S., Kumar A.	A Comprehensive Review of Performance Analysis of with and Without Fins Solar Thermal Collector	Frontiers in Heat and Mass Transfer	10.5098/hmt. 16.4	21518629
1224	Rawat A., Sushil R., Agarwal A., Sikander A., Bhadoria R.S.	A New Adaptive Fault Tolerant Framework in the Cloud	IETE Journal of Research	10.1080/03772 063.2021.1907 231	3772063
1225	Pati S., Shahimi S., Nandi D., Sarkar T., Acharya S.N., Sheikh H.I., Acharya D.K., Choudhury T., John B.A., Nelson B.R., Dash B.P., Edinur H.A.	Predicting Tachypneus Gigas Spawning Distribution with Climate Change in Northeast Coast of India	Journal of Ecological Engineering	10.12911/2299 8993/131244	22998993
1226	Jain A., Sharma A., Jatuly V., Azzopardi B., Choudhury S.	Real-Time Swing-Up Control of Non-Linear Inverted Pendulum Using Lyapunov Based Optimized Fuzzy Logic Control	IEEE Access	10.1109/ACCE SS.2021.30586 45	21693536
1227	Manju, Jain M., Vashishtha P., Gupta G., Sharma A., Won S.O., Vij A., Thakur A.	Switchable Cool and Cold White Emission from Dysprosium Doped SrZnO ₂	Journal of Physics Condensed Matter	10.1088/1361- 648X/abbc9c	9538984
1228	Kumar A., Hussain I., Kumar S., Koo B.H.	Structural, Optical Properties and the Origin of Spin Functionality in the Co modified TiO ₂ Nanoparticles	Vacuum	10.1016/j.vacuu m.2020.109870	0042207X
1229	Gupta H., Rai S.K., Kuchhal P., Anand G.	Characterization and Experimental Investigation of Rheological Behavior of Oxide Nanolubricants	Particulate Science and Technology	10.1080/02726 351.2020.1792 018	2726351

S. No.	Authors	Title	Source Title	DOI	ISSN
1230	Bhurat S.S., Pandey S., Chintala V.	Combined Effect of External Mixture Formation and Cooled Exhaust Gas Recirculation on Engine Performance and Emissions Characteristics of Partially Pre-Mixed Charged Compression Ignition Engine	Environmental Progress and Sustainable Energy	10.1002/ep.13470	19447442
1231	Tiwari P., Maurya D.M., Shaikh M., Patidar A.K., Vanik N., Padmalal A., Vasaiakar S., Chamyal L.S.	Surface Trace of the Active Katrol Hill Fault and Estimation of Paleo-Earthquake Magnitude for Seismic Hazard, Western India	Engineering Geology	10.1016/j.enggeo.2021.106416	137952
1232	Wang Y., Fan P., Luo X., Geng Y., Goel S., Wu W., Li G., Yan Y.	Fabrication of Three-Dimensional Sin-Shaped Ripples Using A Multi-Tip Diamond Tool Based on The Force Modulation Approach	Journal of Manufacturing Processes	10.1016/j.jmapro.2021.10.032	15266125
1233	Kumar S., Srivastava G., Almutairi G., Ahmed F., Shaalan N.M., Dalela S., Kumar R., Kumar A.P., Alvi P.A., Chae K.H., Hammud H.H., Kumari K.	Electronic Structure And Electrochemical Properties of La-doped BiFeO ₃ Nanoparticles	Journal of Electron Spectroscopy and Related Phenomena	10.1016/j.elspec.2021.147138	3682048
1234	Gupta R., Patel M.M., Tanwar S., Kumar N., Zeadally S.	Blockchain-Based Data Dissemination Scheme for 5G-Enabled Softwarized UAV Networks	IEEE Transactions on Green Communications and Networking	10.1109/TGCN.2021.3111529	24732400
1235	Kalita P., Ghosh S., Gutierrez G., Rajput P., Grover V., Sattonnay G., Avasthi D.K.	Grain Size Effect on The Radiation Damage Tolerance of Cubic Zirconia Against Simultaneous Low and High Energy Heavy Ions: Nano Triumphs Bulk	Scientific Reports	10.1038/s41598-021-90214-6	20452322
1236	Jafri Y., Singh S., Gupta S., Fukuma Y., Sharma K., Gupta M., Reddy V.R., Sharma G., Gupta A.	Investigation of Structural, Magnetic and Electronic Properties of Feta Films for Varying Ta Concentration at Different Annealing Temperatures	Journal of Magnetism and Magnetic Materials	10.1016/j.jmmm.2021.168306	3048853
1237	Kumar K., Goyat M.S., Solanki A., Kumar A., Kant R., Ghosh P.K.	Improved Mechanical Performance And Unique Toughening Mechanisms of UDM Processed Epoxy-SiO ₂ Nanocomposites	Polymer Composites	10.1002/pc.26280	2728397
1238	Kumar A., Kumari K., Vij A., Kumar S., Shin M., Koo B.H.	Structural, Magnetic and Field-Driven Abrupt Magnetocaloric Properties of La _{1.4-x} Sm _x Ca _{1.6} Mn ₂ O ₇ Ruddlesden-Popper Manganites	Journal of the European Ceramic Society	10.1016/j.jeurceramsoc.2021.07.033	9552219

S. No.	Authors	Title	Source Title	DOI	ISSN
1239	Joshi D., Mishra V., Srivastav H., Goel D.	Progressive Transfer Learning Approach for Identifying the Leaf Type by Optimizing Network Parameters	Neural Processing Letters	10.1007/s11063-021-10521-x	13704621
1240	Kala S., Turlapati V.Y., Devaraju J., Rasheed M.A., Sivaranjane N., Ravi A.	Impact of Sedimentary Environment on Pore Parameters of Thermally Mature Permian Shale: A Study From Kommugudem Formation of Krishna Godavari Basin, India	Marine and Petroleum Geology	10.1016/j.marpetgeo.2021.105236	2648172
1241	Paul A., Tyagi R.	Affordable Power For Rural Electrification In India	Water and Energy International	-	9744207
1242	Yadav J., Kurre S.K., Kumar A., Kumar R.	Nonlinear Dynamics of Controlled Release Mechanism Under Boundary Friction	Results in Engineering	10.1016/j.rinen.2021.100265	25901230
1243	Pathak M., Joshi P.	Modified Iteration Method For Numerical Solution of Nonlinear Differential Equations Arising in Science and Engineering	Asian-European Journal of Mathematics	10.1142/S1793557121501515	17935571
1244	Singh R., Baz M., Gehlot A., Rashid M., Khurana M., Akram S.V., Alshamrani S.S., Alghamdi A.S.	Water Quality Monitoring And Management of Building Water Tank Using Industrial Internet of Things	Sustainability (Switzerland)	10.3390/su13158452	20711050
1245	Peng C., He D., Chen J., Kumar N., Khan M.K.	EPRT: An Efficient Privacy-Preserving Medical Service Recommendation and Trust Discovery Scheme for eHealth System	ACM Transactions on Internet Technology	10.1145/3397678	15335399
1246	Choudhury A.	The Role of Machine Learning Algorithms in Materials Science: A State of Art Review on Industry 4.0	Archives of Computational Methods in Engineering	10.1007/s11831-020-09503-4	11343060
1247	Chugh N., Tomar G.S., Bhadoria R.S., Saxena A.N.	A Novel Anomaly Behavior Detection Scheme For Mobile Ad Hoc Networks	Electronics (Switzerland)	10.3390/electronics10141635	20799292
1248	Gupta A.K., Khanna M., Roy S., Pankaj, Nagabooshanam S., Kumar R., Wadhwa S., Mathur A.	Design And Development of A Portable Resistive Sensor Based on α -MnO ₂ /GQD Nanocomposites for Trace Quantification of Pb (II) in Water	IET Nanobiotechnology	10.1049/nbt.12042	17518741
1249	Kumar A., Das G., Ray S., Jha J.M., Thakur A.K., Panda S.R.	Gas-Liquid Downward Flow Through Narrow Vertical Conduits: Effect of Angle of Entry And Tube-Diameter on Flow Patterns	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2020-0164	15426580

S. No.	Authors	Title	Source Title	DOI	ISSN
1250	Kumar R., Divyanshu, Kumar A.	Nature Based Self-Learning Mechanism and Simulation of Automatic Control Smart Hybrid Antilock Braking System	Wireless Personal Communications	10.1007/s11277-020-07853-7	9296212
1251	Sharma A., Yadav D.P., Garg H., Kumar M., Sharma B., Koundal D.	Bone Cancer Detection Using Feature Extraction Based Machine Learning Model	Computational and Mathematical Methods in Medicine	10.1155/2021/7433186	1748670X
1252	Kashav V., Garg C.P., Kumar R.	Ranking The Strategies to Overcome The Barriers of The Maritime Supply Chain (MSC) of Containerized Freight Under Fuzzy Environment	Annals of Operations Research	10.1007/s10479-021-04371-y	2545330
1253	Raheja S., Kasturia S., Cheng X., Kumar M.	Machine Learning-Based Diffusion Model For Prediction of Coronavirus-19 Outbreak	Neural Computing and Applications	10.1007/s00521-021-06376-x	9410643
1254	Karthik T.S., Loganathan K., Shankar A.N., Carmichael M.J., Mohan A., Kaabar M.K.A., Kayikci S.	Zero and Nonzero Mass Flux Effects of Bioconvective Viscoelastic Nanofluid over a 3D Riga Surface with the Swimming of Gyrotactic Microorganisms	Advances in Mathematical Physics	10.1155/2021/9914134	16879120
1255	Singh U., Dua A., Tanwar S., Kumar N., Alazab M.	A Survey on LTE/LTE-A Radio Resource Allocation Techniques for Machine-to-Machine Communication for B5G Networks	IEEE Access	10.1109/ACCESS.2021.3100541	21693536
1256	Rawat A., Gupta S., Rao T.J.	Risk Analysis and Mitigation For The City Gas Distribution Projects	International Journal of Energy Sector Management	10.1108/IJESM-10-2020-0001	17506220
1257	Aggarwal A., Dimri P., Agarwal A., Verma M., Alhumyani H.A., Masud M.	IFFO: An Improved Fruit Fly Optimization Algorithm for Multiple Workflow Scheduling Minimizing Cost and Makespan in Cloud Computing Environments	Mathematical Problems in Engineering	10.1155/2021/5205530	1024123X
1258	Khan A., Ahmad A., Shireen S.	Ownership And Performance of Microfinance Institutions: Empirical Evidences from India	Cogent Economics and Finance	10.1080/23322039.2021.1930653	23322039
1259	Tauseef S.M., Tabassum-Abbasi, Patnaik P., Abbasi T., Abbasi S.A.	A Novel High-Rate Vermicomposting Machine For Downstream Processing of Biorefinery Waste and other Forms of Organic Solid Waste	Biomass Conversion and Biorefinery	10.1007/s13399-021-01522-w	21906815

S. No.	Authors	Title	Source Title	DOI	ISSN
1260	Prashar S., Sharma S., Kumar N., Kaushik R., Chawla P.	Formulation, Characterization, and in Vitro Mineral Absorption of Ficus Palmata Fruit Extract Nanoemulsion	Journal of the American College of Nutrition	10.1080/07315724.2021.1879693	7315724
1261	Kansal I., Pachauri R.	Mathematical Puzzle Based PV Array Configuration for GMP Enhancement Under Non-Uniform Irradiation	EAI Endorsed Transactions on Energy Web	10.4108/eai.1-7-2020.165915	16155548
1262	Saklani A., Kaushik R., Chawla P., Kumar N., Kumar M.	Effect of Taro (Colocasia esculenta) Enrichment on Physicochemical and Textural Properties of Cake	International Journal of Food Studies	10.7455/ijfs/10.SI.2021.a2	21821054
1263	Bhandari A.	Numerical Study of Time-Dependent Ferrofluid Flow Past A Cylinder in The Presence of Stationary Magnetic Field	SN Applied Sciences	10.1007/s42452-020-04047-5	25233971
1264	Tyagi R., Vishwakarma S.	Prospect of Low-Cost Energy Conservation In Residential Energy Consumption	International Journal of Power Electronics and Drive Systems	10.11591/ijped.v12.i4.pp2403-2413	20888694
1265	Sezen S., Thakur V.K., Ozmen M.M.	Highly Effective Covalently Crosslinked Composite Alginate Cryogels For Cationic Dye Removal	Gels	10.3390/gels7040178	23102861
1266	Bhardwaj A., Al-Turjman F., Sapra V., Kumar M., Stephan T.	Privacy-Aware Detection Framework to Mitigate New-Age Phishing Attacks	Computers and Electrical Engineering	10.1016/j.compeleceng.2021.107546	457906
1267	Kamiya K., Kayama K., Nobuoka M., Sakaguchi S., Sakurai T., Kawata M., Tsutsui Y., Suda M., Idesaki A., Koshikawa H., Sugimoto M., Lakshmi G.B.V.S., Avasthi D.K., Seki S.	Ubiquitous Organic Molecule-Based Free-Standing Nanowires with Ultra-High Aspect Ratios	Nature Communications	10.1038/s41467-021-24335-x	20411723
1268	Bhandari A.	Magnetoviscous Effects on Revolving Ferrofluid Due to An Immersed Rotating Rod in The Presence of Gravitational Force	Indian Journal of Physics	10.1007/s12648-020-01915-z	9731458
1269	Singh J., Singh K., Kaur M., Sharma R.K., Vij A., Kumar A.	MoS ₂ /FeS ₂ Nanocomposite Thin Film: Structural, Morphological, Compositional, Electrical and Photodetection Properties	Chemical Physics Letters	10.1016/j.cplett.2021.139047	92614
1270	Rawat A., Gupta S., Rao T.J.	City Gas Distribution Projects Delay in India: A Critical Assessment of Risks	International Journal of Energy Sector Management	10.1108/IJESM-09-2020-0005	17506220

S. No.	Authors	Title	Source Title	DOI	ISSN
1271	Anand V.K., Fraile A., Adroja D.T., Sharma S., Tripathi R., Ritter C., De La Fuente C., Biswas P.K., Sakai V.G., Del Moral A., Strydom A.M.	Crystal Electric Field and Possible Coupling with Phonons in Kondo Lattice CeCuGa ₃	Physical Review B	10.1103/PhysRevB.104.174438	24699950
1272	Serbanescu O.S., Pandele A.M., Oprea M., Semenescu A., Thakur V.K., Voicu S.I.	Crown Ether-Immobilized Cellulose Acetate Membranes For The Retention of GD (III)	Polymers	10.3390/polym13223978	20734360
1273	Wani M.A., Garg P., Roy K.K.	Machine Learning-Enabled Predictive Modeling to Precisely Identify the Antimicrobial Peptides	Medical and Biological Engineering and Computing	10.1007/s11517-021-02443-6	1400118
1274	Singh P., Champion C., Sharma R.K.	Twisted Distorted Wave Born Approximation As A New Tool To Investigate Collisional Processes	Journal of Physics B: Atomic, Molecular and Optical Physics	10.1088/1361-6455/ac2f4e	9534075
1275	Gupta P.K., Palanisamy S., Gopal T., Rajamani R., Pandit S., Sinha S., Thakur V.K.	Synthesis and Characterization of Novel Fe ₃ O ₄ /pva/eggshell Hybrid Nanocomposite For Photodegradation And Antibacterial Activity	Journal of Composites Science	10.3390/jcs5100267	2504477X
1276	Sahu J., Alvi P.A., Vats V.S., Meghwal R.S., Sublania H., Phase D.M., Gupta M., Kumar S., Dalela S.	Annealing Temperature Dependence of Various Properties of ZnO Nanoparticles Investigated with Soft XAS	Nano	10.1142/S1793292021501307	17932920
1277	Upadhyay G., Tiwari N., Maurya H., Upadhyay J., Joshi R., Ansari M.N.	In vivo Wound-Healing and Antioxidant Activity of Aqueous Extract of Roylea Elegans Leaves Against Physically Induced Burn Model in Wistar Albino Rats	3 Biotech	10.1007/s13205-021-02993-4	2190572X
1278	Kumari A., Kumari K., Ahmed F., Ahmad M.M., Sharma J., Vij A., Kumar S.	Role of Bi-Excess on Structural, Electrical, Optical, and Magnetic Properties BiFeO ₃ Nanoparticles	Journal of Materials Science: Materials in Electronics	10.1007/s10854-021-06860-z	9574522
1279	Dubey M., Kumar R., Srivastava S.K., Joshi M.	Visible Light Induced Photodegradation of Chlorinated Organic Pollutants using Highly Efficient Magnetic Fe ₃ O ₄ /TiO ₂ Nanocomposite	Optik	10.1016/j.ijleo.2021.167309	304026
1280	Mondal K.P., Bera S., Gupta A., Kumar D., Reddy V.R., Das G., Singh A., Yamada-Tamakura Y.	Growth Behavior, Physical Structure, and Magnetic Properties of Iron Deposited on Tris(8-Hydroxy Quinoline)-Aluminum	Applied Surface Science	10.1016/j.apsusc.2021.150169	1694332

S. No.	Authors	Title	Source Title	DOI	ISSN
1281	Muralidharan M., Srivastava A., Subramanian M.	Full Load Investigation of CNG - Diesel Dual-Fuel Heavy-Duty Engine with Selective Catalytic Reduction on Engine Performance and Emissions for Its Potential Use	SAE International Journal of Engines	10.4271/03-15- 03-0020	19463936
1282	Manju, Jain M., Vashishtha P., Gupta G., Gupta M., Rajput P., Vij A., Thakur A.	Charge Transfer-Induced Fast Blue Emission In SrZnO ₂ :Ce	Applied Physics Letters	10.1063/5.0064 383	36951
1283	Pussi K., Barbiellini B., Ohara K., Yamada H., Dwivedi J., Bansil A., Gupta A., Kamali S.	Atomic Arrangements in An Amorphous CoFeB Ribbon Extracted Via an Analysis of Radial Distribution Functions	Journal of Physics Condensed Matter	10.1088/1361- 648X/ac1238	9538984
1284	Dwivedi J., Gupta M., Reddy V.R., Mishra A., Gupta A.	Structure And Thermal Stability of Amorphous Co ₂₃ Fe ₆₀ B ₁₇ Film on Si Substrate	Applied Surface Science Advances	10.1016/j.apsad v.2021.100113	26665239
1285	Mandal P.	Polarization Insensitive Plasmonic Stacked Multilayer Metasurface with Deep Nanohole Cavity as Multi-Band Absorber	Optik	10.1016/j.ijleo. 2021.166959	304026
1286	Kumar J., Kumar R., Singh M., Kumar S., Kumar R., Won S.O., Brajpuriya R., Dwivedi S., Sharma R.K., Vij A.	Structural, Diffuse Reflectance And Luminescence Study of t-Mg ₂ B ₂ O ₅ Nanostructures	Applied Physics A: Materials Science and Processing	10.1007/s00339 -021-04761-w	9478396
1287	Goswami M., Tanwar R., Rawat P., Sen B.	Configurable Memory Designs in Quantum-Dot Cellular Automata	International Journal of Information Technology (Singapore)	10.1007/s41870 -021-00687-x	25112104
1288	Mandal P.	Highly Absorptive Chiral L-Shape MDM Plasmonic Metasurface as Multifunction Device: Design and Computational Studies	Plasmonics	10.1007/s11468 -021-01415-8	15571955
1289	Pal J., Goswami M., Saha A.K., Sen B.	CFA: Toward the Realization of Conservative Full Adder in QCA with Enhanced Reliability	Journal of Circuits, Systems and Computers	10.1142/S0218 126621501723	2181266
1290	Danish M., Parthasarthy V., Al Mesfer M.K.	CO ₂ Capture by Low-Cost Date Pits-Based Activated Carbon And Silica Gel	Materials	10.3390/ma141 43885	19961944
1291	Ahmadini A.A.H., Adichwal N.K., Meetei M.Z., Raghav Y.S., Ahmadini M.A.H., Msmali A., Seth N.	Knowledge, Awareness And Practices (KAP) About Covid-19 In Jazan	Journal of Statistics Applications and Probability	10.18576/jsap/ 100217	20908423

S. No.	Authors	Title	Source Title	DOI	ISSN
1292	Ahuja S.K., Shukla M.K., Ravulakollu K.K.	Optimized Deep Learning Framework For Detecting Pitting Corrosion Based on Image Segmentation	International Journal of Performability Engineering	10.23940/ijpe.21.07.p7.627637	9731318
1293	Abu-Samak M., Kumar S., Aljawfi R.N., Swillam M.A.	Electronic Structure And Energy Gaps Evaluation of Perovskite Manganite Single Crystals Using XES and XAS Spectroscopy	Journal of Electron Spectroscopy and Related Phenomena	10.1016/j.elspec.2021.147084	3682048
1294	Bhurat K.S., Banerjee T., Pandey J.K., Bhurat S.S.	A Lab Fermenter Level Study on Anaerobic Hydrogen Fermentation Using Potato Peel Waste: Effect of pH, Temperature, and Substrate Pre-Treatment	Journal of Material Cycles and Waste Management	10.1007/s10163-021-01242-3	14384957
1295	Shivhare S.N., Kumar N.	Tumor Bagging: A Novel Framework for Brain Tumor Segmentation Using Metaheuristic Optimization Algorithms	Multimedia Tools and Applications	10.1007/s11042-021-10969-y	13807501
1296	Kumar S., Kumari K., Alvi P.A., Dalela S.	Study of The Electronic Structure of Ce _{0.95} Fe _{0.05} O _{2-δ} Thin Film Using X-Ray Photoelectron Spectroscopy	Journal of Electron Spectroscopy and Related Phenomena	10.1016/j.elspec.2021.147073	3682048
1297	Srikanth K., King P., Pujari M.	Breakthrough Studies of the Adsorption of Lead From Synthetic Solution Using Liagora Viscida in A Fixed Bed Column	Environmental Progress and Sustainable Energy	10.1002/ep.13628	19447442
1298	Banerjee N.	Predictive Model Development and Simulation of Photobioreactors for Algal Biomass Growth Estimation	International Journal of Chemical Reactor Engineering	10.1515/ijcre-2020-0218	15426580
1299	Chourasia A.S., Jha K., Dalei N.N.	Development And Planning of Sustainable Airports	Journal of Public Affairs	10.1002/pa.2145	14723891
1300	Goswami T., Kamboj N., Bheemaraju A., Kataria A., Dey R.S.	Supercapacitive Behaviour of A Novel Nanocomposite of 3,4,9,10-Perylenetetracarboxylic Acid Incorporated Captopril-Ag Nanocluster Decorated on Graphene Nanosheets	Materials Advances	10.1039/d0ma00527d	26335409
1301	Khursheed R., Wadhwa S., Kumar B., Gulati M., Gupta S., Chaitanya M.V.N.L., Kumar D., Jha N.K., Gupta G., Prasher P., Chellappan D.K., Dua K., Singh S.K.	Development and Validation of RP-HPLC Based Bioanalytical Method for Simultaneous Estimation of Curcumin and Quercetin in Rat's Plasma	South African Journal of Botany	10.1016/j.sajb.2021.12.009	2546299

S. No.	Authors	Title	Source Title	DOI	ISSN
1302	Bathla G., Singh P., Kumar S., Verma M., Garg D., Kotecha K.	Recop: Fine-Grained Opinions and Sentiments-Based Recommender System For Industry 5.0	Soft Computing	10.1007/s00500-021-06590-8	14327643
1303	Dalei N.N., Heggde G.S.	The Economics of Value, Growth and Relationship in A Green Prospective	Rivista di Studi sulla Sostenibilita	10.3280/RISS 2021-001003	22391959
1304	Wang G., Li M., Guo W., Cengiz K., Tomar R.	Research on Recognition Method of Sports Injury Parts Based on Artificial Intelligence Enabled 3D Image Simulation Analysis	International Journal of Systems Assurance Engineering and Management	10.1007/s13198-021-01240-6	9756809
1305	Nautiyal N., Kandpal V.	Nonlinearity Between Economic Indicators and Indian Capital Market	FIIB Business Review	10.1177/23197145211035483	23197145
1306	Kurre S.K., Pandey S., Khatri N., Bhurat S.S., Kumawat S.K., Saxena S., Kumar S.	Study of Lubricating Oil Degradation of Ci Engine Fueled with Diesel-Ethanol Blend	Tribology in Industry	10.24874/ti.913.06.20.11	3548996
1307	Bhandari A.	Analysis of Water Conveying Iron(iii) Oxide Nanoparticles Subject to A Stationary Magnetic Field and Alternating Magnetic Field	Journal of Dispersion Science and Technology	10.1080/01932691.2021.1931293	1932691
1308	Chowdary V., Mondal A.K., Sharma A., Capoor S.	Pre-Deployment Strategy for Maximizing Barrier Coverage in Wireless Sensor Network	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327910999200606230721	22103279
1309	Kumari A., Kumari K., Aljawfi R.N., Alvi P.A., Dalela S., Ahmad M.M., Chawla A.K., Kumar R., Vij A., Kumar S.	Role of La Substitution on Structural, Optical, and Multiferroic Properties of BiFeO3 Nanoparticles	Applied Nanoscience (Switzerland)	10.1007/s13204-021-01844-1	21905509
1310	Ghodke P.K., Ramanjaneylu B., Kumar S.	Stabilization of Bio-Oil Derived from Macroalgae Biomass Using Reactive Chromatography	Biomass Conversion and Biorefinery	10.1007/s13399-021-01533-7	21906815
1311	Gupta K.N., Kumar R.	Fixed Bed Utilization For The Isolation of Xylene Vapor: Kinetics and Optimization Using Response Surface Methodology and Artificial Neural Network	Environmental Engineering Research	10.4491/eer.2020.105	12261025
1312	Zhang P., Pang X., Kibalya G., Kumar N., He S., Zhao B.	GCMD: Genetic Correlation Multi-Domain Virtual Network Embedding Algorithm	IEEE Access	10.1109/ACCESS.2021.3076916	21693536

S. No.	Authors	Title	Source Title	DOI	ISSN
1313	Kumar D., Parmar K.P.S., Kuchhal P.	Analysis of Charge Transport Properties of Dye-Sensitized Solar Cell (DSSC) with TiO ₂ Working Electrode by Employing Electrochemical Impedance Spectroscopy (EIS)	International Journal of Renewable Energy Research	-	13090127
1314	Akple M.S., Chimmikuttanda S.P., Takyi G.K.S., Elloh W.	Fabrication and Density Functional Theory Calculations of Bromine Doped Carbon Nitride Nanosheets With Enhanced Photocatalytic Reduction of CO Into Solar Fuels	Biointerface Research in Applied Chemistry	10.33263/BRIA C116.1460214619	20695837
1315	Goenka N., Tiwari S., Yadav D.	No-Reference Image Blur Detection Scheme Using Fuzzy Inference	Advances in Mathematics: Scientific Journal	10.37418/amsj.10.3.7	18578365
1316	Donga R.K., Kumar S., Kumar A.	Performance Evaluation of Parabolic Trough Collector with Receiver Position Error	Journal of Thermal Engineering	10.18186/THERMAL.849869	21487847
1317	Singh V., Alshehri M., Aggarwal A., Alfarraj O., Sharma P., Pardasani K.R.	A Holistic, Proactive and Novel Approach For Pre, During and Post Migration Validation From Subversion To Git	Computers, Materials and Continua	10.32604/cmc.2021.013272	15462218
1318	Sahu J.P.	Does Inflow of Foreign Direct Investment Stimulate Economic Growth? Evidence From Developing Countries	Transnational Corporations Review	10.1080/19186444.2020.1833603	19186444
1319	Kumar A., Kumar A., Devrari A.	Hardware Chip Performance Analysis of Different FFT Architecture	International Journal of Electronics	10.1080/00207217.2020.1819441	207217
1320	Mohanta C.S., Sreeram A., Yadav V., Padhan R.K., Raman N.S., Badoni R.P.	Synergic Effect Of Waste PET and Sebacic Acid on the Rheology of Crumb Rubber Modified Bitumen	International Journal of Pavement Engineering	10.1080/10298436.2019.1665179	10298436
1321	Kumar A., Aggarwal A., Gopal K.	A Novel and Efficient Reader-to-Reader and Tag-to-Tag Anti-Collision Protocol	IETE Journal of Research	10.1080/03772063.2018.1537815	3772063
1322	Singh N.K., Singh Y., Sharma A., Paswan M.K., Singh V.K., Upadhyay A.K., Mishra V.R.	Performance of CuO Nanoparticles as An Additive to The Chemically Modified Nicotiana Tabacum as A Sustainable Coolant-Lubricant During Turning EN19 steel	Wear	10.1016/j.wear.2021.204057	431648
1323	Chaturvedi S., Yadav B.P., Siddiqui N.A.	An Assessment of Machine Learning Integrated Autonomous Waste Detection and Sorting of Municipal Solid Waste	Nature Environment and Pollution Technology	10.46488/NEPT.2021.v20i04.013	9726268

S. No.	Authors	Title	Source Title	DOI	ISSN
1324	Kumar S., Alomar S.Y., Kumari K., Albalawi F., Kumar R., Ahmed F., Ahmad N., Dwivedi S., Alvi P.A.	Structural, Optical, Electrical And Antibacterial Properties of Fe-Doped CeO ₂ Nanoparticles	Crystals	10.3390/cryst11121594	20734352
1325	Kumar D., Kuchhal P., Parmar K.S.	Optimization of Photovoltaic Conversion Performance of a TiO ₂ Based Dye Sensitized Solar Cells (DSSCs)	Engineering Research Express	10.1088/2631-8695/ac372e	26318695
1326	Md S., Alhakamy N.A., Neamatallah T., Alshehri S., Mujtaba M.A., Riadi Y., Radhakrishnan A.K., Khalilullah H., Gupta M., Akhter M.H.	Development, Characterization, and Evaluation of A-Mangostin-Loaded Polymeric Nanoparticle Gel for Topical Therapy in Skin Cancer	Gels	10.3390/gels7040230	23102861
1327	Kumar R., Vij A., Singh M.	Defects Assisted Luminescence in m-HfO ₂ Nanocrystals: An Experimental And Theoretical Study	Optik	10.1016/j.ijleo.2021.168121	304026
1328	Ahmad L., Bhat M.Y., Singh V.	Assessment of Energy Vulnerability in Urban Crowded Space of Indian Himalaya	Environmental Science and Pollution Research	10.1007/s11356-021-15408-x	9441344
1329	Sharma H.K., Choudhury T., Tomar R., Patni J.C., Um J.S.	An Algorithmic Approach for Performance Tuning of A Relational Database System Using Dynamic SGA Parameters	Spatial Information Research	10.1007/s41324-021-00395-5	23663294
1330	Muralidharan M., Kumar A., Subramanian M.	Investigation of Performance and Exhaust Emissions of Compressed Natural Gas-Diesel Dual-Fuel Engine under Different Engine Speed and Load Conditions	SAE International Journal of Engines	10.4271/03-15-04-0029	19463936
1331	Kumar A., Mittal S., Ghosal A.	Impact on Indian Power Grid Due to Large Scale Integration of Solar Energy by 2022 Abstract: Solar Photovoltaic Systems are Widely Becoming The Alternative Source of Eneacross The World.	Water and Energy International	-	9744207
1332	Sharma P., Banerjee S., Tiwari D., Patni J.C.	Machine Learning Model for Credit Card Fraud Detection-A Comparative Analysis	International Arab Journal of Information Technology	10.34028/iajit/18/6/6	16833198
1333	Chigurupati S., Alharbi F.S., Almahmoud S., Aldubayan M., Almoshari Y., Vijayabalan S., Bhatia S., Chinnam S., Venugopal V.	Molecular Docking of Phenolic Compounds And Screening of Antioxidant And Antidiabetic Potential of Olea Europaea l. Ethanolic Leaves Extract	Arabian Journal of Chemistry	10.1016/j.arabj.c.2021.103422	18785352

S. No.	Authors	Title	Source Title	DOI	ISSN
1334	Kala S., Devaraju J., Tiware D.M., Rasheed M.A., Lakhan N.	Organic Petrology and Geochemistry of Early Permian Shales from the Krishna- Godavari Basin, India: Implications for Gondwana Palaeoenvironment And Climate	Geological Journal	10.1002/gj. 4262	721050
1335	Budhiraja I., Kumar N., Tyagi S., Tanwar S., Han Z.	An Energy Efficient Scheme for Wpcn-Noma Based Device-To-Device Communication	IEEE Transactions on Vehicular Technology	10.1109/TVT. 2021.3099527	189545
1336	Saini D., Kumar S., Singh M.K., Ali M.	Two View NURBS Reconstruction Based on GACO Model	Complex and Intelligent Systems	10.1007/s40747 -021-00411-z	21994536
1337	Sapra V., Saini M.L., Verma L.	Identification of Coronary Artery Disease using Artificial Neural Network and Case-Based Reasoning	Recent Advances in Computer Science and Communications	10.2174/26662 558139992006 13225404	26662558
1338	Jately V., Balaji V.V., Azzopardi S., Azzopardi B.	Design and Performance Investigation of A Pilot Micro- Grid in The Mediterranean: Mcast Case Study	Energies	10.3390/en142 06846	19961073
1339	Tripathi R., Adroja D.T., Lees M.R., Sundaresan A., Langridge S., Bhattacharyya A., Anand V.K., Khalyavin D.D., Sannigrahi J., Cibir G., Hillier A.D., Smith R.I., Walker H.C., Muro Y., Takabatake T.	Crossover From Kondo Semiconductor To Metallic Antiferromagnet With - Electron Doping In	Physical Review B	10.1103/PhysR evB.104. 144405	24699950
1340	Shrivastava G., Aljabali A.A.A., Shahcheraghi S.H., Lotfi M., Shastri M.D., Shukla S.D., Chellappan D.K., Jha N.K., Anand K., Dureja H., Pabari R.M., Mishra V., Almutary A.G., Alnuqaydan A.M., Charbe N., Prasher P., Negi P., Goyal R., Dua K., Gupta G., Serrano-Aroca A., Bahar B., Barh D., Panda P.K., Takayama K., Lundstorm K., McCarron P., Bakshi H., Tambuwalla M.M.	Targeting LIN28: A New Hope in Prostate Cancer Theranostics	Future Oncology	10.2217/fon- 2021-0247	14796694
1341	Khilrani N., Prajapati P., Patidar A.K.	Contrasting Machine Learning Regression Algorithms Used for the Estimation of Permeability From Well Log Data	Arabian Journal of Geosciences	10.1007/s12517 -021-08390-8	18667511
1342	Arya A.K.	Optimal Operation of A Multi-Distribution Natural Gas Pipeline Grid: An Ant Colony Approach	Journal of Petroleum Exploration and Production Technology	10.1007/s13202 -021-01266-3	21900558

S. No.	Authors	Title	Source Title	DOI	ISSN
1343	Khanduri H., Khan S.A., Dimri M.C., Link J., Stern R., Sulania I., Avasthi D.K.	Perpendicularly Magnetized Ferromagnetism in Mn/Al Bilayer Thin Films on Si Substrates Induced by Temperature Dependent Ion Beam Mixing	Physica Scripta	10.1088/1402-4896/ac119b	318949
1344	Sharma D.K., Goenka N.	An Effective Control of Hello Process for Routing Protocol in Manets	International Journal of Computer Networks and Communications	10.5121/ijcnc.2021.13503	9752293
1345	Kumar A., Kumar A., Tomar G.S.	Hardware Chip Performance of CORDIC based OFDM Transceiver for Wireless Communication	Computer Systems Science and Engineering	10.32604/CSSE.2022.019449	2676192
1346	Asnain M.S., Shuaib M., Majeed I., Sharma M.K., Sharma V.R., Yadav A., Singh D.P., Singh P.P., Gupta U., Sahoo R.N., Sood A., Kaushik M., Kumar S., Kumar R., Singh B.P., Prasad R.	Effect of non- α -cluster Projectile on Incomplete-Fusion Dynamics: Experimental Study of the N 14 + Ta 181 system	Physical Review C	10.1103/PhysRevC.104.034616	24699985
1347	Sharma M.K., Sarswat M., Arora S., Kumar S., Shuaib M., Majeed I., Asnain M.S., Singh B.P., Prasad R., Sharma V.R., Yadav A., Singh P.P., Singh D.P.	New Experimental Approach for Developing a Mass-Energy Systematics for Precompound Emission	Physical Review C	10.1103/PhysRevC.104.L031601	24699985
1348	Alasseri R., Rao T.J., Sreekanth K.J.	Pre-implementation Assessment for Introducing Direct Load Control Strategies in the Residential Electricity Sector	International Journal of Energy and Environmental Engineering	10.1007/s40095-020-00378-6	2008916
1349	Singh M., Agarwal S., Tiwari R.K., Chanda S., Singh K., Agarwal P., Kashyap A., Pancham P., Mall S., Rachana R., Sharma S.	Neuroprotective Ability of Apocynin Loaded Nanoparticles (Apo-nps) as NADPH Oxidase (NOX)-Mediated ROS Modulator for Hydrogen Peroxide-induced Oxidative Neuronal Injuries	Molecules	10.3390/molecules26165011	1420304
1350	Gupta M.K., Kumar R., Verma V., Sharma A.	Robust Control based Stability Analysis and Trajectory Tracking of Triple Link Robot Manipulator	Journal Européen des Systèmes Automatisés	10.18280/jesa.540414	1269693
1351	Savita, Dani S., Kumar S., Singh F., Vij A., Thakur A.	Probing the Defects and Trap Distribution in MgAl ₂ O ₄ nanocrystals through Electron Spin Resonance and Thermoluminescence	Journal of Physics D: Applied Physics	10.1088/1361-6463/ac03ec	223727
1352	Bhandari A.	Study of Ferrofluid Flow and Heat Transfer between Cone and Disk	Zeitschrift für Naturforschung - Section A Journal of Physical Sciences	10.1515/zna-2021-0100	9320784

S. No.	Authors	Title	Source Title	DOI	ISSN
1353	Dhote P., Bhan U., Verma D.	Genetic Model of Carbonatite Hosted Rare Earth Elements Mineralization from Ambadongar Carbonatite Complex, Deccan Volcanic Province, India	Ore Geology Reviews	10.1016/j.oregeorev.2021.104215	1691368
1354	Dewangan B.K., Agarwal A., Choudhury T., Pasricha A.	Workload Aware Autonomic Resource Management Scheme using Grey Wolf Optimization in Cloud Environment	IET Communications	10.1049/cmu2.12198	17518628
1355	Srivastava R., Sabitha S., Majumdar R., Choudhury T., Dewangan B.K.	Combating Disaster Prone Zone by Prioritizing Attributes with Hybrid Clustering and ANP Approach	Spatial Information Research	10.1007/s41324-020-00369-z	23663294
1356	Singh H., Tyagi S., Kumar P.	Cloud Resource Mapping through Crow Search Inspired Metaheuristic Load Balancing Technique	Computers and Electrical Engineering	10.1016/j.compeleceng.2021.107221	457906
1357	Hassanin M., Radwan I., Moustafa N., Tahtali M., Kumar N.	Mitigating the Impact of Adversarial Attacks in Very Deep Networks	Applied Soft Computing	10.1016/j.asoc.2021.107231	15684946
1358	Sharma A., Singh Y., Tyagi A., Singh N.K., Singla A.	Application of Taguchi and Response Surface Methodology Approach to a Sustainable Model Developed for a Compression-ignition Engine using Polanga Biodiesel/diesel Blends	Proceedings of the Institution of Mechanical Engineers. Part I: Journal of Systems and Control Engineering	10.1177/0959651820965301	9596518
1359	Tyagi V., Dwivedi P., Gupta A.	Critical review of Business Models for Grid Connected Rooftop Solar PV Systems in India	Water and Energy International	-	9744207
1360	Raj N., Dasgotra A., Singh V.K., Mondal S., Sharma A., Pandey J.K.	A Novel Method of Mass Disinfection for the Prevention of Covid-19	International Journal of Current Research and Review	10.31782/IJCR.R.2021.13428	22312196
1361	Ponnam V., Ghodke P., Tondepu S., Mandapati R.N.	Thermal Behaviour Kinetic Modeling of Capsicum Annum Waste Biomass Using an ISO-Conversion Method	Journal of Thermal Engineering	10.18186/thermal.865555	21487847
1362	Mandal S., Debnath U., Sarkar J.	Structural-Genetic Characterization of Novel Butaryl co-A Dehydrogenase and Proposition of Butanol Biosynthesis Pathway in Pusillimonas Ginsengisoli SBSA	Journal of Molecular Evolution	10.1007/s00239-020-09989-3	222844

S. No.	Authors	Title	Source Title	DOI	ISSN
1363	Riyaj M., Vijay J.P., Khan A.M., Kattayat S., Kaya S., Ahmad M.A., Kumar S., Alvi P.A., Rath A.	Band Dispersion and Optical Gain Calculations of Staggered type GaAs _{0.4} Sb _{0.6} /In _{0.7} Ga _{0.3} As/GaAs _{0.4} Sb _{0.6} nano-Heterostructure under Electric Field and [100] Strain	Superlattices and Microstructures	10.1016/j.spmi.2020.106694	7496036
1364	Chugh M., Chanderwal N., Upadhyay R.K., Punia D.K.	Antecedents and Consequences of knowledge Sharing for Software Process Improvement in the Indian Software Industry	Journal of Software: Evolution and Process	10.1002/smr.2291	20477481
1365	Dalei N.N., Roy H.	The Empirical Relationship between Carbon Emission and Energy use of BRICS Nations	Journal of Public Affairs	10.1002/pa.2154	1472389
1366	Kumar V., Rohit, Shukla H., Gaurav K.	Fluidic Injection Angle Impact on Thrust Vectoring Using Computational Fluid Dynamics Analysis	International Journal of Fluid Mechanics Research	10.1615/InterJFluidMechRes.2021037918	10642277
1367	Dalei N.N., Chourasia A.S., Sethi N., Balabantaray S.R., Pani U.	Roles of Policies, Regulations and Institutions in Sustainability of Ocean Tourism	Journal of Infrastructure, Policy and Development	10.24294/JIPD.V5I2.1295	25727923
1368	Mongia S., Sharma S., Natarajan J., Kumar M., Arora V., Stephan T., Shankar A., Gupta P., Kachhawaha R.	Prediction of COVID-19 Epidemic Curve of India using Supervised Learning Approach	International Journal of Computer Applications in Technology	10.1504/IJCAT.2021.120469	9528091
1369	Debnath P., Das P., Laskar N., Khan S.B., Dhand S., Kaushal K.	CEO Duality And Firm Performance: An Empirical Study on Listed Companies From an Emerging Market	Corporate Governance and Organizational Behavior Review	10.22495/cgobr.v5i2sip7	25211870
1370	Ali S., Sohail M., Shah S.B.H., Koundal D., Hassan M.A., Abdollahi A., Khan I.U.	New Trends and Advancement in Next Generation Mobile Wireless Communication (6G): A Survey	Wireless Communications and Mobile Computing	10.1155/2021/9614520	15308669
1371	Singh G.D., Kumar S., Alshazly H., Idris S.A., Verma M., Mostafa S.M.	A Novel Routing Protocol for Realistic Traffic Network Scenarios in VANET	Wireless Communications and Mobile Computing	10.1155/2021/7817249	15308669
1372	Rani P., Kumar R., Jain A.	Coronary Artery Disease Diagnosis using extra Tree-support Vector Machine: ET-SVMRBF	International Journal of Computer Applications in Technology	10.1504/IJCAT.2021.119772	9528091
1373	Prasad A., Verma S.S., Dahiya P., Kumar A.	A Case Study on the Monitor Mode Passive Capturing of Wlan Packets in an On-the-move Setup	IEEE Access	10.1109/ACCESS.2021.3127079	21693536

S. No.	Authors	Title	Source Title	DOI	ISSN
1374	Rana A.K., Thakur V.K., Singha A.S.	Towards the use of Acrylic Acid Graft-copolymerized Plant Biofiber in Sustainable Fortified Composites: Manufacturing and Characterization	E-Polymers	10.1515/epoly-2021-0080	16187229
1375	Thakur A.K., Arya A.K., Sharma P.	Corrosion of Pipe Steels under Alternating Currents	International Journal of Electrochemical Science	10.20964/2021.12.22	14523981
1376	Kapoor A., Mishra R., Kumar P.	Complementary Frequency Selective Surface Pair-based Intelligent Spatial Filters for 5G Wireless Systems	Journal of Intelligent Systems	10.1515/jisys-2021-0082	3341860
1377	Li S., Xu Z., Alrobaian M., Afzal O., Kazmi I., Almalki W.H., Altamimi A.S.A., Al-Abbasi F.A., Alharbi K.S., Altowayan W.M., Singh T., Akhter M.H., Gupta M., Rahman M., Beg S.	EGF-functionalized Lipid-polymer Hybrid nanoparticles of 5-fluorouracil and Sulfuraphane with Enhanced Bioavailability and Anti-cancer Activity against Colon Carcinoma	Biotechnology and Applied Biochemistry	10.1002/bab.2279	8854513
1378	Abbasi T., Patnaik P., Abbasi S.A.	Screening of Twenty-three Common Terrestrial Plants for Their Possible Use as Phytoremediators of Greywater in SHEFROL®	Taiwan Water Conservancy	10.6937/TWC.202106/PP_69(2).0004	4921550
1379	Mundi H.S., Gautam J.	Impact of Firm-specific Variables on Capital Structure Decisions. Evidence from the Indian Hospitality Sector	FIIB Business Review	10.1177/23197145211052590	23197145
1380	Cao H., Zhao H., Luo D.X., Kumar N., Yang L.	Dynamic Virtual Resource Allocation Mechanism for Survivable Services in Emerging NFV-Enabled Vehicular Networks	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2021.3120723	1524905
1381	Raghav G., Sharma P.K., Kumar S., Maithani R., Iung A., Mercier Q.	Analysis of Solar Cooker with Thermal Storage for Remote hilly areas: Determination of Heating and Cooling Characteristic time	Acta Innovations	10.32933/ActaInnovations.40.1	2300559
1382	Nagpal M., Maithani R., Kumar S.	Energetic & Exergetic Analysis of a Parabolic trough: Concentrated Solar Power Plant	Acta Innovations	10.32933/ActaInnovations.40.2	2300559
1383	Sharma N., Yadav S., Mangla M., Mohanty A., Satpathy S., Mohanty S.N., Choudhury T.	Geospatial Multivariate Analysis of COVID-19: a Global perspective	GeoJournal	10.1007/s10708-021-10520-4	3432521
1384	Naga Babu A., Srinivasa Reddy D., Krishna Mohan G.V., Suresh Kumar G., Dora T.K.	Mathematical Investigation into the Sequential Adsorption of Silver Ions and Brilliant Green Dye using Biochar Derive from Gracilaria Rhodophyta Algae	Biomass Conversion and Biorefinery	10.1007/s13399-021-01897-w	21906815

S. No.	Authors	Title	Source Title	DOI	ISSN
1385	Ragunath S., Shankar A.N., Meena K., Guruprasad B., Madhu S., Rakesh N., Hariprabhu M., Balamuralitharan S., Daniel N.	Multiobjective Optimization of Mechanical Properties on Sisal-Glass Fiber-Reinforced Hybrid Composites Using Response Surface Methodology and LINGO Analysis	Advances in Materials Science and Engineering	10.1155/2021/2376148	16878434
1386	Shukla A., Adwani N., Choudhury T., Dewangan B.	Geospatial Analysis for Natural Disaster Estimation through Arduino and Node MCU Approach	GeoJournal	10.1007/s10708-021-10496-1	3432521
1387	Singh Y., Singh N.K., Sharma A., Singla A., Upadhyay A.	Development of Epoxidized Moringa Oleifera Nanolubricant with CeO ₂ nanoparticles as an Additive for Improving the Lubrication Characteristics	Biomass Conversion and Biorefinery	10.1007/s13399-021-01911-1	21906815
1388	Bhardwaj A., Mohamed A.A., Kumar M., Alshehri M., Abugabah A.	Real-time privacy preserving framework for Covid-19 contact tracing	Computers, Materials and Continua	10.32604/cmc.2022.018736	15462218
1389	Pal J., Pramanik A.K., Goswami M., Saha A.K., Sen B.	Regular Clocking based Emerging Technique in QCA Targeting Low Power Nano Circuit	International Journal of Electronics	10.1080/00207217.2021.1972473	207217
1390	Amrita, Gupta P., Singh P.	Priority-wise Test Case Allocation using Fuzzy Logic	International Journal of Systems Assurance Engineering and Management	10.1007/s13198-021-01247-z	9756809
1391	Damodaran A., Dhingra T., Dwivedi P.	Regulatory Dilemma: A Changing Dynamics of The Cochin International Airport	Emerald Emerging Markets Case Studies	10.1108/EEMCS-01-2020-0010	20450621
1392	Goundar S., Bhardwaj A., Chand S.	Task Offloading Concept using Cloud Simulations in Mobile Computing	International Journal of Systems, Control & Communications	10.1504/IJSCC.2021.116752	17559340
1393	Sagar P., Gupta P., Tanwar R.	A Novel Prediction Algorithm for Multivariate Data Sets	Decision Making: Applications in Management and Engineering	10.31181/DMA-ME210402215S	25606018
1394	Kainthura P., Sharma N.	Machine Learning Driven Landslide Susceptibility Prediction for the Uttarkashi Region of Uttarakhand in India	Georisk	10.1080/17499518.2021.1957484	17499518
1395	Joshi J.M., Dalei N.N., Mehta P.	Estimating the Energy Consumption of Indian Refineries: An Empirical Analysis Based on Panel Data Econometrics	International Journal of Energy Technology and Policy	10.1504/IJETP.2021.116328	14728923

S. No.	Authors	Title	Source Title	DOI	ISSN
1396	Raghav G., Sharma P.K., Kumar S., Maithani R.	Method of Research for Solar Cookers Performance Characteristics-Analysis and Comparison	Acta Innovations	10.32933/ActaInnovations.39.6	23005599
1397	Dixit S., Pandey S., Verma S.R.	Application of Bernstein Polynomial Multiwavelets for Solving Non Linear Variational Problems with Moving and Fixed boundaries	Recent Advances in Electrical and Electronic Engineering	10.2174/2352096513999201110121215	23520965
1398	Kaushik A., Kumar N., Kumar P.	Effect of Partial Compulsory Attendance on Academic Performance of Technical Education Students	Innovations in Education and Teaching International	10.1080/14703297.2021.1948440	14703297
1399	Mohankumar M., Shankar A.N., Karthik T.S., Saravanakumar R., Oruganti H., Venkatesa Prabhu S., Rakesh N.	A Comparative Study on Crack-Healing Ability of Al ₂ O ₃ /SiC Structural Ceramic Composites Synthesized by Microwave Sintering and Conventional Electrical Sintering	Advances in Materials Science and Engineering	10.1155/2021/3170697	16878434
1400	Krishnakumar B., Bose D., Singh M., Sanka R.V.S.P., Gurunadh V.V.S.S., Singhal S., Parthasarthy V., Guadagno L., Vijayan P P., Thomas S., Rana S.	Sugarcane Bagasse-Derived Activated Carbon- (AC-) Epoxy Vitrimers Biocomposite: Thermomechanical and Self-Healing Performance	International Journal of Polymer Science	10.1155/2021/5561755	16879422
1401	Kaur P., Awasthi A., Bijalwan A.	Evaluation of Feature Selection Techniques on Network Traffic for Comparing Model Accuracy	International Journal of Computational Science and Engineering	10.1504/IJCSE.2021.115654	17427185
1402	Sharma P., Yadav V., Kumari S., Ghosh D., Rawat P., Vij A., Srivastava C., Saini S., Sharma V., Hassan M.I., Majumder S.	Deciphering the Potent Application of Nanobentonite and α -Fe ₂ O ₃ /Bentonite Nanocomposite in Dye Removal: Revisiting the Insights of Adsorption Mechanism	Applied Nanoscience (Switzerland)	10.1007/s13204-021-01927-z	21905509
1403	Kumar S., Ahmed F., Shaalan N.M., Saber O.	Biosynthesis of CeO ₂ Nanoparticles using Egg White and their Antibacterial and Antibiofilm Properties on Clinical Isolates	Crystals	10.3390/cryst11060584	20734352
1404	Kumar A., Ghosal A., Rabbi M.T.	Proposed Amendment of Electricity Distribution in India: A Review	Water and Energy International	-	9744207
1405	Bhardwaj A., Bhushan B.	Model to Enhance Security Posture of IoT Devices and Components with Private APN	International Journal of Intelligent Systems Technologies and Applications	10.1504/IJISTA.2021.114645	17408865

S. No.	Authors	Title	Source Title	DOI	ISSN
1406	Mundi H.S.	Impact of CEO Overconfidence on Capital Structure Decisions: Evidence from S&P BSE 200	Vision	10.1177/0972262921998837	9722629
1407	Krishna R., Agarwal D.C., Avasthi D.K.	Synthesis and Modification of ZnO Thin Films by Energetic Ion Beams	Radiation Effects and Defects in Solids	10.1080/10420150.2021.1891065	10420150
1408	Bhurat S., Pandey S., Chintala V., Jaiswal M., Kumar A.	Investigation of Partially Premixed Charge Compression Ignition Engine Characteristics Implemented with Toroidal Combustion Chamber and Exhaust Gas Re-circulation	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2021.1909675	15567036
1409	Kainthura P., Sharma N.	Machine Learning Techniques to Predict Slope Failures in Uttarkashi, Uttarakhand (India)	Journal of Scientific and Industrial Research	-	224456
1410	Pasquier N., Chatterjee S.	Customer Choice Modelling: A Multilevel Consensus Clustering Approach	Annals of Emerging Technologies in Computing	10.33166/AETiC.2021.02.009	25160281
1411	Gupta M.K., Sharma P., Sinha N., Kumar A., Verma V.	Frequency Based Estimation of Angular Velocity in Triple Pendulum	Mathematical Modelling of Engineering Problems	10.18280/mme p.080106	23690739
1412	Bhat A., Raghav G., Karn A.	Enhancement of Efficiency and Thermal Comfort in a Passenger Car Cabin using Spanwise Inlet Vents	Engineering Journal	10.4186/ej.2021.25.2.95	1258281
1413	Muralidhar Singh M., Kumar H., Sivaiah P.	Alumina thin Film Coatings at Optimized Conditions using RF Magnetron Sputtering Process	International Journal of Thin Film Science and Technology	10.18576/ijtfst/100103	20909519
1414	Sofi A.A., Sasidharan S., Bhat M.Y.	Economic Growth and Club Convergence: Is there a Neighbour's effect?	International Journal of Finance and Economics	10.1002/ijfe.2545	10769307
1415	Kashav V., Garg C.P., Behera S.K.	Evolution of Maritime Supply Chains of Containerised Freight in India: Taaffe, Morrill and Gould Model Revisited	International Journal of Logistics Systems and Management	10.1504/IJLSM.2021.112447	17427967
1416	Pandey S., Bhurat S.S., Kunwer R.	Investigation of Fumigation of Ethanol and Exhaust Gas Recirculation on Combustion and Emission Characteristics of Partially Premixed Charge Compression-ignition Engine	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2020.1868625	15567036
1417	Mishra S., Mishra A.K.	Effects of Chlorpromazine drug on DPPC Lipid: Density Functional Theory Study	International Journal of Environmental Analytical Chemistry	10.1080/03067319.2019.1686497	3067319

S. No.	Authors	Title	Source Title	DOI	ISSN
1418	Marcot Q., Kunwer R.	Numerical Analysis of Phase Change Material (PCM) for Concentrated Solar Power (CSP) Application	International Journal of Ambient Energy	10.1080/01430750.2019.1611633	1430750
1419	Bera S.K., Kundu S., Kumar N., Sarkar R.	Distance Transform Based Text-line Extraction from Unconstrained Handwritten Document Images	Expert Systems with Applications	10.1016/j.eswa.2021.115666	9574174
1420	Vanaparthi S., Mamta, Yadav J., Pawar A.P., Iype E., Rana S., Kumar I.	Two-pot Synthesis and Photophysical Studies of 1,6-disubstituted 5-AZA Indoles from Succinaldehyde and N-aryl Propargylic-imines	Organic and Biomolecular Chemistry	10.1039/d1ob01949j	14770520
1421	Muralidharan M., Kumar A., Subramanian M.	In-Cylinder Combustion Studies of Diesel-Compressed Natural Gas Dual Fuel with Increasing Energy Fraction and Its Effect on Emissions	SAE International Journal of Engines	10.4271/03-15-05-0035	19463936
1422	Gupta M.	Ejection of Large Space Debris from the Earth Orbit by Using a Modified Armed Method of Electromagnetic Satellites Formation	JBIS - Journal of the British Interplanetary Society	-	0007084X
1423	Bhan U., Singh D., Sharma M., Singh D., Pandey S.K.	A note on the Fan-Fabric Structures in the late Palaeoproterozoic Kajrahat Limestone, Katni, M.P., India	Journal of the Palaeontological Society of India	-	5529360
1424	Singh D., Sharma M., Bhan U., Pandey B., Pandey S.K., Singh D.	Carbonate Fan Fabric Structures (FFS) in time and space: A case study from the Palaeoproterozoic Kajrahat Limestone, Vindhyan Supergroup, India	Journal of the Palaeontological Society of India	-	5529360
1425	Raturi A., Dobriyal R., Sharma R.K., Dwivedi A., Singh S.P., Singh D.B.	Sensitivity investigation for solar still of double slope type included with N similar CPC integrated ETC by incorporating yield and efficiency	Desalination and Water Treatment	10.5004/dwt.2021.27894	19443994
1426	Sharma C.P.	The Future Energy Resources, Green Hydrogen and New Technologies	Water and Energy International	-	9744207
1427	Tabassum A., Patnaik P., Abbasi S.A.	Use of the Ornamental Plant Sadabahaar (Catharanthus roseus) in Beautifying and Enhancing the SHEFROL® Greywater Treatment Unit, with Concomitant Increase in the Level of Treatment\ (Catharanthus roseus) SHEFROL®	Taiwan Water Conservancy	10.6937/TWC.202112/PP_69(4).0005	4921550

S. No.	Authors	Title	Source Title	DOI	ISSN
1428	Kumar D., Rawat D., Kumar D.	An Imperative Role of the Puzzle Oriented Partially Shaded PV Modules Over the Conventional Configurations: A Comprehensive Perspective	International Journal of Renewable Energy Research	-	13090127
1429	Kumar D., Kumar D., Rawat D.	A Diverse Outlook on the Performance of Perovskite Solar Cells to Meet the Energy Demand	International Journal of Renewable Energy Research	-	13090127
1430	Abbasi S.A., Tabassum Abbasi, Patnaik P.	Biomimetically Generated Nanoparticles in Boosting the Performance of Microbial Fuel Cells	Nature Environment and Pollution Technology	10.46488/NEP T.2021.V20i05.003	9726268
1431	Sharma V., Bhushan S., Boahar B.S., Kumar P., Kumar A.	An Intelligent Approach for Protecting Privacy in Distributed Information Mining Using Secured Computation of Multiple Participating Sites	Ingenierie des Systemes d'Information	10.18280/isi.260601	16331311
1432	Rajpurohit J.	A Modified Jellyfish Search Optimizer with Opposition Based Learning and Biased Passive Swarm Motion	Ingenierie des Systemes d'Information	10.18280/isi.260608	16331311
1433	Musa U.S., Chakraborty S., Sharma H.K., Choudhury T., Dutta C., Singh B.	Vigorous IDS on Nefarious Operations and Threat Analysis Using Ensemble Machine Learning	Revue d'Intelligence Artificielle	10.18280/ria.350604	0992499X
1434	Bharadwaj D., Dutt D.	Design and Development of Low-Level Automation for the Picking and Placing of the Object Using Pneumatic Suction	Journal Europeen des Systemes Automatises	10.18280/jesa.540608	12696935
1435	Kandpal V., Kaur H.	Pradhan Mantri Jan Dhan Yojana: Bringing Financial Inclusion to Reality in India	Finance India	-	9703772
1436	Hawi S., Gharavian S., Burda M., Goel S., Lotfian S., Khaleque T., Nezhad H.Y.	Development of Carbonaceous Tin-based Solder Composite Achieving Unprecedented Joint Performance	Emergent Materials	10.1007/s42247-021-00337-9	25225731
1437	Kurien C., Srivastava A.K.	Relative Assessment on E-Vehicle Indirect Carbon Emissions and Emission Control Strategies for Existing Automotive Fleet	Sustainability and Climate Change	10.1089/scc.2021.0052	26922924
1438	Yadav M.K., Srivastava A.K.	Solid Selective Catalytic Reduction: A Promising Approach towards Reduction of NOx Emission from Exhaust of CI Engines	Nature Environment and Pollution Technology	10.46488/NEP T.2021.v20i04.031	9726268

S. No.	Authors	Title	Source Title	DOI	ISSN
1439	Hussain N., Tabassum Abbasi, Abbasi T., Abbasi S.A.	A Comparative Study of The Fertilizer-cum-Pesticide Effect of Vermicomposts Derived from Cowdung and the Toxic Weed Lantana	Agriculture (Switzerland)	10.3390/agricul- ture11121263	20770472
1440	Kaushik K., Bhardwaj A.	Zero-width Text Steganography in Cybercrime Attacks	Computer Fraud and Security	10.1016/S1361- 3723(21)00130- 5	13613723
1441	Gupta N., Gupta K., Rani S., Koundal D., Zaguia A.	Smart Architecture Energy Management through Dynamic Bin-packing Algorithms on Cloud	Symmetry	10.3390/sym 13122298	20738994
1442	Singh R., Gehlot A., Rashid M., Saxena R., Akram S.V., Alshamrani S.S., Alghamdi A.S.	Cloud Server and Internet of Things Assisted System for Stress Monitoring	Electronics (Switzerland)	10.3390/electro- nics10243133	20799292
1443	Vishnoi A., Sharma D., Prateek M.	Improvising Data Security Measures using Rajan Transform	Journal of Engineering Science and Technology	-	18234690
1444	Abbas A.M., Hammad S.A., Sallam H., Mahfouz L., Ahmed M.K., Abboudy S.M., Ahmed A.E., Alhag S.K., Taher M.A., Alrumman S.A., Alshehri M.A., Soliman W.S., Abbasi T., Mostafa M.	Biosynthesis of Zinc Oxide Nanoparticles using Leaf Extract of Prosopis Juliflora as Potential Photocatalyst for the Treatment of Paper Mill Effluent	Applied Sciences (Switzerland)	10.3390/app112 311394	20763417
1445	Kumari K., Kumar A., Shin M.J., Kumar S., Huh S.H., Koo B.H.	Investigating the Magneto- crystalline Anisotropy and the Exchange Bias Through Interface Effects of Nanocrystalline FeCo	Journal of the Korean Physical Society	10.1007/s40042 -021-00315-8	3744884
1446	Masarrat A., Bhogra A., Meena R., Sinduja M., Hasina D., Amirthapandian S., Devi D., Som T., Niazi A., Kandasami A.	Structural and Electrical Transport Properties of Ge Implanted CoSb ₃ Thin Films and their Conduction Mechanisms	Journal of Materials Science: Materials in Electronics	10.1007/s10854 -021-07163-z	9574522
1447	Barad S., Mishra P.S., Sahu P.C., Sarkar T., Amin M.F.M., Choudhury T., Edinur H.A., Kari Z.A., Nandi D., Pati S.	Comparative Approach of Decision Tree and CWQI Analysis for Classification of Groundwater with a Special Reference to Fluoride Ion in Drought-prone Boudh district of Odisha, India	Sustainable Water Resources Management	10.1007/s40899 -021-00582-0	23635037
1448	Chakraborty S., Dwivedi P., Chatterjee S.K., Gupta R.	Factors to Promote Ocean Energy in India	Energy Policy	10.1016/j.enpol .2021.112641	3014215
1449	Rehman S., Honap V., Siddiqui A., Maske A., Maithani S.	Spatio-Temporal Variations in Night Lights, Economy and Night Light Emissions in States of India	Journal of the Indian Society of Remote Sensing	10.1007/s12524 -021-01427-1	0255660X

S. No.	Authors	Title	Source Title	DOI	ISSN
1450	Danish M., Parthasarthy V., Al Mesfer M.K.	CO ₂ Capture using Activated Carbon Synthesized from Date Stone: Breakthrough, Equilibrium, and Mass transfer Zone	Carbon Letters	10.1007/s42823-021-00249-y	19764251
1451	Hothi N., Bisht S.	Insight of the relation between Regge theory and Hadron dynamics	Indian Journal of Physics	10.1007/s12648-020-01938-6	9731458
1452	Kumar M., Kumar T., Pandey R.K., Pathak S., Vandana, Kumar R.	Roughening and Sputtering Kinetics of Pt Thin Films at Different Angles of Ion Irradiation	Materials Letters	10.1016/j.matlet.2021.130474	0167577X
1453	Bhogra A., Masarrat A., Hasina D., Kumar V., Meena R., Kumar A., Som T., Dong C.-L., Chen C.-L., Kandasami A.	Understanding the Role of Structural Distortions on the Transport Properties of Ar ion Irradiated SrTiO ₃ thin films: X-ray Absorption Investigation	Journal of Applied Physics	10.1063/5.0067510	218979
1454	Garg A., Gupta S.	A Descriptive Analysis of Risk Management with Specific Reference to High Speed Rail (HSR) in India	Water and Energy International	-	9744207
1455	Pandey S., Dixit S., Verma S.R.	A new Algorithm based on Bernstein Polynomials Multi-wavelets for the Solution of Differential Equations Governing AC Circuits	Trends in Sciences	10.48048/tis.2021.33	27740226
1456	Balan A.S.S., Kannan C., Jain K., Chakraborty S., Joshi S., Rawat K., Alsanie W.F., Thakur V.K.	Numerical Modelling and Analytical Comparison of Delamination during Cryogenic Drilling of CFRP	Polymers	10.3390/polym13223995	20734360
1457	Kaushik K., Singh S., Garg S., Singhal S., Pandey S.	Exploring the Mechanisms of Phishing	Computer Fraud and Security	10.1016/S1361-3723(21)00118-4	13613723
1458	Kumar A., Negi G., Pant S., Ram M., Dimri S.C.	Availability-cost Optimization of Butter Oil Processing System by using Nature Inspired Optimization Algorithms	Reliability: Theory and Applications	10.24412/1932-2321-2021-264-188-200	19322321
1459	Singh S., Nautiyal D., Thetiot F., Le Poul N., Goswami T., Kumar A., Kumar S.	Bioinspired Heterobimetallic Photocatalyst (RuIIchrom-FeIIIcat) for Visible-Light-Driven C-H Oxidation of Organic Substrates via Dioxygen Activation	Inorganic Chemistry	10.1021/acs.inorgchem.1c02514	201669
1460	Rathod D., Sarma A., Avasthi D.K.	Scattering Cross Section of Charged Dust Particles in Magnetized Plasma	IEEE Transactions on Plasma Science	10.1109/TPS.2021.3122537	933813

S. No.	Authors	Title	Source Title	DOI	ISSN
1461	Shrivastava A., Sharma A., Pandit M., Jatley V., Azzopardi B.	Hybrid Protection Scheme Based Optimal Overcurrent Relay Coordination Strategy for Re-integrated Power Distribution Grid	Energies	10.3390/en14217192	19961073
1462	Hwang Y.S., Roh J.W., Suh D., Otto M.O., Schlueter S., Choudhury T., Huh J.S., Um J.S.	No evidence for global decrease in CO ₂ concentration during the first wave of COVID-19 pandemic	Environmental Monitoring and Assessment	10.1007/s10661-021-09541-w	1676369
1463	Kumar S., Tiwari R., Hong W.C.	QOS Improvement Using in-Network Caching based on Clustering and Popularity Heuristics in CCN	Sensors	10.3390/s21217204	14248220
1464	Gehlot A., Singh R., Kuchhal P., Kumar A., Singh A., Alsubhi K., Ibrahim M., Villar S.G., Brenosa J.	WPAN and IoT Enabled Automation to Authenticate Ignition of Vehicle in Perspective of Smart Cities	Sensors	10.3390/s21217031	14248220
1465	Karn A., Ambs J., Deo S.S., Vyas A., Dwivedi A., Kumar A.	On the Enormous Enhancement in Water Evaporation Rates Obtained by Employing a Different Polar Ambient	Heat Transfer	10.1002/htj.22230	26884534
1466	Srivastava D.K., Dave A., Dangwal V.	Sequence Stratigraphy of the Andaman Basin, Northern Indian Ocean	Marine and Petroleum Geology	10.1016/j.marpetgeo.2021.105298	2648172
1467	Salankar N., Koundal D., Hu Y. C.	Impact on the Personality of Engineering Students based on Project-based Learning	Computer Applications in Engineering Education	10.1002/cae.22412	10613773
1468	Gunupuru R., Mehrotra A., Sairam P.S., Vyas G., Pandey J.K., Sen A.	Chitosan Matrix Encapsulation of α -Lipoic Acid (LA) Anchored Gold Nanoparticles: A Combined Experimental and Theoretical Study	ChemistrySelect	10.1002/slct.202102768	23656549
1469	Sharma K., Garai D., Gupta A., Roy D., Prasad N.E.	Soft X-ray Spectromicroscopic Evidence for Site-Specific Nanoscale Phase Segregation of Polyurethane onto a Confined Surface	Journal of Physical Chemistry C	10.1021/acs.jpcc.1c06052	19327447
1470	Kapoor M., Rojhe C.K., Katak M.S., Mahindroo N.	An Appraisal of Adoption Status of "Quality By Design" Approach in Pharmaceutical Industries in Himachal Pradesh, India	International Journal of Pharmaceutical Quality Assurance	10.25258/ijpqa.12.4.16	9759506
1471	Totakura B.R., Sharma V., Kashav V., Das S.R.	Volatility of Ship Demolition Index Prices	Transactions on Maritime Science	10.7225/toms.v10.n02.w04	18483305

S. No.	Authors	Title	Source Title	DOI	ISSN
1472	Chigurupati S., Algobaisy Y.K., Alkhalifah B., Alhowail A., Bhatia S., Das S., Vijayabalan S.	Antioxidant and Antidiabetic Potentials of Cucurbita Pepo Leaves Extract from the Gulf Region	Rasayan Journal of Chemistry	10.31788/RJC.2021.1446455	9741496
1473	Diwan D., Usmani Z., Sharma M., Nelson J.W., Thakur V.K., Christie G., Molina G., Gupta V.K.	Thrombolytic Enzymes of Microbial Origin: A Review	International Journal of Molecular Sciences	10.3390/ijms221910468	16616596
1474	Tanwar R., Pilania U., Zamani M., Manaf A.A.	An Analysis of 3D Steganography Techniques	Electronics (Switzerland)	10.3390/electronics10192357	20799292
1475	Trivedi S., Sunder R.G.	Creating Sustainable Agriculture Supply Chain Ecosystem for Remunerative Markets under Changing Climate in Uttarakhand	International Journal of Social Ecology and Sustainable Development	10.4018/IJSES.D.2021100105	19478402
1476	Singh D., Bansal A., Jain A., Tyagi L.K., Mondal S., Patel R.K.	GC-MS based Lemon Grass Metabolite Analysis involved in the Synthesis of Silver Nanoparticles and Evaluation of Photo-catalytic Degradation of Methylene Blue	BioMetals	10.1007/s10534-021-00337-6	9660844
1477	Sivaraman S., Arun P.A., Tauseef S.M.	Multi-Criterion-Based Qualitative Comparative Analysis of Root Cause Methods: Application to Deepwater Horizon Oil Spill	Journal of Failure Analysis and Prevention	10.1007/s11668-021-01212-9	15477029
1478	Chauhan G., Ojha K., Prasad C.V.	A Novel and Cleaner Biopolymer Gum Karaya-based Silica Nanocomposite Fracturing Fluid for High-Temperature Application	Journal of Petroleum Exploration and Production Technology	10.1007/s13202-021-01252-9	21900558
1479	Bhat I.M., Shuaib M., Asnain M.S., Sharma V.R., Yadav A., Sharma M.K., Singh P.P., Singh D.P., Kumar R., Singh R.P., Muralithar S., Singh B.P., Prasad R.	Systematic Study of Fusion-Fission like Events in $19\text{F} + 175\text{Lu}$ Interactions at Low Energies	Nuclear Physics A	10.1016/j.nuclphysa.2021.122236	3759474
1480	Pilania U., Tanwar R., Gupta P., Choudhury T.	A Roadmap of Steganography Tools: Conventional to Modern	Spatial Information Research	10.1007/s41324-021-00393-7	2366329
1481	Jain A., Ghosh A.	Novel insights into Data Mining to Improve the Specificity of Pharmacovigilance and prevent Adverse Drug Reactions in Psychiatric Patients	Asia Pacific Journal of Health Management	10.24083/apjhm.v16i3.985	22043136
1482	Bhandari A.	Mathematical Modelling of Water-Based Fe_3O_4 Nanofluid Due to Rotating Disc and Comparison with Similarity Solution	Acta Mechanica et Automatica	10.2478/ama-2021-0016	18984088

S. No.	Authors	Title	Source Title	DOI	ISSN
1483	Gupta N., Vaisla K.S., Jain A., Kumar A., Kumar R.	Performance Analysis of AODV Routing for Wireless Sensor Network in FPGA Hardware	Computer Systems Science and Engineering	10.32604/CSSE.2022.019911	2676192
1484	Ojha A., Gupta S., Gupta U., Singh P.P., Yadav A., Singh D.P., Shuaib M., Singh B.P., Prasad R.	Mass-number Dependence of Statistical Model Parameters and its Impact on Incomplete Fusion Fraction Calculations	Physical Review C	10.1103/PhysRevC.104.034615	24699985
1485	Dalal R., Bansal K., Thapar S.	Bridging the Energy Gap of India's Residential Buildings by using Rooftop Solar PV Systems for Higher Energy Stars	Clean Energy	10.1093/ce/zkab017	25154230
1486	Maity G., Ojha S., Umapathy G.R., Patel S.P., Azab A.E., Pandey K., Dubey S.	Growth of ILow Resistive Nickel Mono-silicide Phase Under Low Energy Si ion Irradiation at Room Temperature	Thin Solid Films	10.1016/j.tsf.2021.138826	406090
1487	Singh M.M., Kumar H., Sivaiah P.	Evaluation of Mechanical Properties of Glass Fiber-BMPM/DABA-PMC Composite	Transactions of the Indian Institute of Metals	10.1007/s12666-021-02314-6	9722815
1488	Mohamed M.A.R., Yadav R.	Flow Separation Control Using the Cetacean Species Nose Design	European Journal of Mechanics, B/Fluids	10.1016/j.euromechflu.2021.05.005	9977546
1489	Brajpuria R.	Chemical Vapor Deposition of Graphene by Ethanol Decomposition and its Smooth Transfer	Journal of Materials Research	10.1557/s43578-021-00365-5	8842914
1490	Tewari B.S., Ahlawat M., Dhyani A., Ajay	Influence of Pseudo-gap and Interlayer Coupling on Isotope Effect in Bilayer Cuprate Superconductors	Physica C: Superconductivity and its Applications	10.1016/j.physc.2021.1353895	9214534
1491	Jain M., Manju, Kumar M., Lee H.H., Won S.O., Chae K.H., Gupta G., Vij A., Thakur A.	Role of Fe ³⁺ in Altering the Degrees of Freedom in ZnAl ₂ O ₄ Spinel	Journal of Applied Physics	10.1063/5.0058971	218979
1492	Danish M., Parthasarthy V., Al Mesfer M.K.	Comparative study of CO ₂ Capture by Adsorption in Sustainable Date Pits-derived Porous Activated Carbon and Molecular Sieve	International Journal of Environmental Research and Public Health	10.3390/ijerph18168497	16617827
1493	Guleria S., Kumar M., Khan A., Kaushik R.	Plant Hormones: Physiological Role and Health Effects	Journal of Microbiology, Biotechnology and Food Sciences	10.15414/jmbfs.1147	13385178
1494	Varhade P., Kumar A., Dhingra T.	Financial Health of Mahadiscom a Root Cause Analysis	Water and Energy International	-	9744207

S. No.	Authors	Title	Source Title	DOI	ISSN
1495	Chakraborty S., Dwivedi P., Gupta R., Das S.	An Overview of Ocean Energy Policies Across the World	Water and Energy International	-	9744207
1496	Kainthura P., Sharma N.	Probabilistic Approach to Predict Landslide Susceptibility based on Dynamic Parameters for Uttarkashi, Uttarakhand (India)	Journal of Scientific and Industrial Research	-	224456
1497	Thakran M., Kumar S., Phogat R., Ray S.K., Brajpuriya R., Singh Rana A., Kumar B.	Synthesis of Nanocrystalline Reduced Graphene Oxide Quantum dots	International Journal of Nanoscience	10.1142/S0219581X21500368	0219581X
1498	Kundu S., Banerjee A.	Does Twitter Activity Proxy for Idiosyncratic Information ? Evidence from the Indian Stock Market	Indian Journal of Finance	10.17010/ijf/2021/v15i8/165815	9738711
1499	Srivastava R., Tomar R., Gupta M., Yadav A.K., Park J.	Image Watermarking Approach Using a Hybrid Domain based on Performance Parameter Analysis	Information (Switzerland)	10.3390/info12080310	20782489
1500	Khan M.I., Hasan P.M.Z., Danish E.Y., Aslam M., Kattayat S., Kumar S., Dalela S., Ahmad M.A., Alvi P.A.	Fine Tunability of Optical Gain Characteristics of InGaAs/GaAsSb/InAlAs Nano-heterostructure under Combined Effect of Field and Temperature	Superlattices and Microstructures	10.1016/j.spmi.2021.106982	7496036
1501	Ghosh S., Chatterjee A., Sen S., Kumar N., Sarkar R.	CTRL-CapTuRedLight: A Novel Feature Descriptor for Online Assamese Numeral Recognition	Multimedia Tools and Applications	10.1007/s11042-020-10081-7	1380750
1502	Vishwakarma A.K., Angerhofer M.D.	Intellectual Property Rights And Public Policy on The Role of Plain Packaging And Health Care in India	Indonesian Journal of International Law	10.17304/ijil.vo118.4.820	16935594
1503	Singhal S., Yaqoot M., Chaturvedi B.K.	Review of Existing Policies / Mechanisms / Practices of Benefit Sharing with Project Affected Families while Developing Hydropower Projects Worldwide	Water and Energy International	-	9744207
1504	Wadhwa S., Roy S., Mittal N., John A.T., Midha S., Mohanty S., Vasanthan K.S., Mathur A., Ray S.C.	Self - Aligned Mesoporous Titania Nanotubes - Reduced Graphene Oxide Hybrid Surface: A Potential Scaffold for Osteogenesis	International Journal of Materials Research	10.1515/ijmr-2020-8029	18625282
1505	Gupta M., Singh D., Singh S.P., Mathur A., Wadhwa S., Jaiswal A.K., Singh D.K., Yadav R.R.	Ultrasonic and Thermo-physical Studies of Ethylene Glycol Nanofluids Containing Titania Nanoparticles and their Heat Transfer Enhancements Next-generation Heat Transfer Nanofluids for Industrial Applications	Johnson Matthey Technology Review	10.1595/205651320x15940360546454	20565135

S. No.	Authors	Title	Source Title	DOI	ISSN
1506	Das S., Kyal C.	Efficient Multichannel EEG Compression by Optimal Tensor Truncation	Biomedical Signal Processing and Control	10.1016/j.bspc.2021.102749	17468094
1507	Jain M., Manju, Kumar M., Lee H.H., Won S.O., Chae K.H., Gupta G., Vij A., Thakur A.	Thermally Induced Cation Ordering in ZnAl ₂ O ₄ : Mg ²⁺ , Fe ³⁺ for Sensing Thermal History through Photoluminescence	Journal of Materials Science	10.1007/s10853-021-06036-4	222461
1508	Uniyal N., Dobhal G., Rawat A., Sikander A.	A Novel Encryption Approach Based on Vigenère Cipher for Secure Data Communication	Wireless Personal Communications	10.1007/s11277-021-08295-5	9296212
1509	Anand H., Singh B.K.	Piezoelectric Energy Generation in India: An Empirical Investigation	Energy Harvesting and Systems	10.1515/ehs-2020-0002	23298774
1510	Singh Y., Singh N.K., Sharma A., Lila M.K., Singla A., Chinnasamy V.	Brucea Javanica: A Novel Nonedible Feedstock for Bio-based Lubricant Application with the Effect of ZrO ₂ Nanoparticles	Environmental Progress and Sustainable Energy	10.1002/ep.13602	19447442
1511	Raj Mohamed M.A., Yadav R., Guven U.	Flow Separation Control using a Bio-inspired Nose for NACA 4 and 6 Series Airfoils	Aircraft Engineering and Aerospace Technology	10.1108/AEAT-08-2019-0170	17488842
1512	Donga R.K.	Heat Transfer Enhancement in Absorber Tube of Parabolic Trough Solar Collector using Longitudinal Curved Fins	JP Journal of Heat and Mass Transfer	10.17654/HM022010021	9735763
1513	Dua P., Parmar K.P.S., Mishra A.K., Kumar S., Chauhan A., Kuchhal P.	Selection Criteria for Spintronic Materials: Role of Spin Dependent Band-width Narrowing/Broadening	Journal of Physics and Chemistry of Solids	10.1016/j.jpcs.2020.109786	223697
1514	Singhal S., Kumar A., Yaqoot M., Chaturvedi B.K.	Challenges in Meeting Aspirations of Project Affected Families while Developing Hydro Power Projects	Water and Energy International	-	9744207
1515	Ganaie S.U., Abbasi T., Abbasi T., Rajalakshmi R., Abbasi S.A.	Development of Process Parameters for the Clean Synthesis of Silver Nanoparticles Using The Pernicious Aquatic Weed Eichhornia crassipes And An Assessment of Their Properties	Indian Journal of Environmental Protection	-	2537141
1516	Guo J., Cengiz K., Tomar R.	An IoT and Blockchain Approach for Food Traceability System in Agriculture	Scalable Computing	10.12694/scpe.v22i2.1876	18951767
1517	Gupta S.	Design and Model of Facemask to Inactivate the Novel Coronavirus	International Journal of Global Environmental Issues	10.1504/IJGEN VI.2021.121014	14666650

S. No.	Authors	Title	Source Title	DOI	ISSN
1518	Hermon G.B., Sharma D.	Non-invasive Techniques for Identification of Individuals Within a Species: A Computational Review	Ecology, Environment and Conservation	-	0971765X
1519	Jain A., Tiwari S., Choudhury T., Dewangan B.K.	Gradient and Statistical Features-based Prediction System for COVID-19 Using Chest X-ray Images	International Journal of Computer Applications in Technology	10.1504/IJCAT.2021.120464	9528091
1520	Kumar A., Sharma D.K.	A Multidimensional-Multilayered Anomaly Detection in RFID-sensor Integrated Internet of Things Network	International Journal of Cloud Computing	10.1504/IJCC.2021.120398	20439989
1521	Gupta S., Gabrani G., Phutela N.	Analysis of the COVID-19 Pandemic Data Across Different States and Union Territories of India and Effectiveness of the Lockdown	International Journal of Critical Infrastructures	10.1504/IJCIS.2021.120185	14753219
1522	Altarazi F., Kumar S., Gupta G., Gulzar M., Gaba Y.U., Kumar A., Maithani R.	Analysis and Implementation of Thermal Heat Exchanger Tube Performance with Helically Pierced Twisted Tape Inserts Using ANFIS Model	Mathematical Problems in Engineering	10.1155/2021/1734909	1024123X
1523	Ahmad A., Khan A., Akhtar S., Akram H.W.	Examining the Development of Banking Sector Regulations and Supervision Practices across BRICS and G7 Countries	Complexity	10.1155/2021/1192829	10762787
1524	Sharma S., Choudhury T., Dewangan B.K.	Multi-Criteria Decision-Making Methodology for Sustainable Creativity in Social Media	Journal of Computer Science	10.3844/JCSP.2021.1128.1137	15493636
1525	Yadav R., Bodavula A.	Effect of Spanwise Groove on the Dynamic Stall Characteristics of an Airfoil	Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering	10.1177/09544100211065277	9544100
1526	Rinki K., Verma P., Choudhury T., Singh B.K.	A Novel Feature Extraction Dual DCT-DWT Image Watermarking Combined with Chaos-Based Cryptosystem	Journal of Computer Science	-	15493636
1527	Upala R., Zacharias E., Anand G., Sarah P.	Modeling of Dielectric Properties of Sm, Na Modified SBTi Ferroelectrics Using Modified Lorentz Equation	Ferroelectrics	10.1080/00150193.2021.1991220	150193

S. No.	Authors	Title	Source Title	DOI	ISSN
1528	Kumar R., Tiwari S., Kansara S.	Barriers Prioritization of the Indian Steel Industry Supply Chain: Applying AHP and Fuzzy AHP Method	Vision	10.1177/09722629211065687	9722629
1529	Abbas S.Z., Bhandari A., Ahmed J., Abu-Hamdeh N.H., Bezzina S.	Flow and Heat Transfer of Ferro Nanofluid in a Porous Medium under the Impact of a Static Magnetic Field	Waves in Random and Complex Media	10.1080/17455030.2021.2012302	17455030
1530	Pandey J., Kandpal V., Nautiyal N.	An Analysis of Abnormal Returns Associated With Stock Split	Singapore Economic Review	10.1142/S0217590821500806	2175908
1531	Uppala R., Zacharias E., Anand G., Sarah P.	Modelling of Dielectric Studies on Rare-Earth Substituted Strontium Bismuth Titanate Using Modified Lorentz Equation	Integrated Ferroelectrics	10.1080/10584587.2021.1965831	10584587
1532	Dravid S., Yadav J., Kurre S.K.	Comparison of Loosening Behavior of Bolted Joints using Plain and Spring Washers with Full-threaded and Plain Shank Bolts	Mechanics Based Design of Structures and Machines	10.1080/15397734.2021.2008258	15397734
1533	Suresh Kumar B., Bhargava D., Kar A.K., Igiri C.P.	Rock Hyrax Intelligent Optimisation Algorithm: An Exploration for Web 3.0 Domain Selection	International Journal of Advanced Intelligence Paradigms	10.1504/IJAIP.2021.119017	17550386
1534	Singh H., Kumar A., Ravulakollu K.K., Kumar M., Stephan T.	Uncertainties Evaluation and Analysis Using Quantitative Technique for a Software Project	International Journal of Ad Hoc and Ubiquitous Computing	-	17438225
1535	Kunwer R., Pandey S.	Analysis and Optimisation of Packed Bed Thermocline Energy Storage Tank for CSP Power Plant	International Journal of Ambient Energy	10.1080/01430750.2021.1997806	1430750
1536	Sharma T.K., Abraham A., Rajpurohit J.	Enhanced Shuffled Frog Leaping Algorithm with Modified Memplexes	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327910999201120092512	22103279
1537	Saklani A., Kaushik R., Kumar K.	Response Surface Analysis and Process Optimization of Non-Cereal (Elephant Foot Yam, Taro and Water Chestnut) Snacks	International Journal of Food Studies	10.7455/ijfs/10.2.2021.a2	21821054
1538	Singh Y., Upadhyay A.K., Singh N.K., Sharma A., Singla A., Kumar N., Singh V.	Biodiesel Yield Enhancement through Optimizing Process Parameters with Assistance of Solar Energy-Taguchi and Response Surface Methodology Application	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	10.1177/09544062211054980	9544062

S. No.	Authors	Title	Source Title	DOI	ISSN
1539	de Sousa P.H.F., Almeida J.S., Ohata E.F., Nogueira F.G., Torrico B.C., de Albuquerque V.H.C., Hassan M.M., Kumar N., Hassan M.R., Filho P.P.R.	Intelligent 3D Objects Classification for Vehicular Ad Hoc Network Based on Lidar and Deep Learning Approaches	IEEE Transactions on Intelligent Transportation Systems	10.1109/TITS.2021.3119132	15249050
1540	Arun Negemiya A., Shankar A.N., Guruprasad B., Prakash B., Dineshkumar S., Batu A., Rajakumar S.	Investigation on Processing Maps of Diffusion Bonding Process Parameters for Ti-6Al-4 V/AISI304 Dissimilar Joints	Advances in Materials Science and Engineering	10.1155/2021/5601970	16878434
1541	Kumar S., Gautam S.K., Kumar A., Maithan R., Kumar A.	Sustainability Assessment of Different Nanoparticle for Heat Exchanger Applications: An Intuitionistic Fuzzy Combinative Distance-based Assessment Method	Acta Innovations	10.32933/ActaInnovations.40.4	23005599
1542	Kumar S., Tiwari R.	Optimization of Content-Centric Networking Based IoT Systems using Partitioning-Heuristics in-Network Caching	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-021-03538-6	18685137
1543	Kumar A., Vohra M., Pant S., Singh S.K.	Optimization Techniques for Petroleum Engineering: A Brief Review	International Journal of Modelling and Simulation	10.1080/02286203.2021.1983074	2286203
1544	Braspuriya R., Vij A., Sharma R.K.	Thickness Dependent Magnetic Study of Fe Thin Films	Journal of Nano-and Electronic Physics	10.21272/JNEP.13(4).04005	20776772
1545	Kunwer R., Pandey S., Pandey G.	Characteristic Analysis of Thermal Energy Storage System using Synthetic Oil as a Heat Transfer Fluid: Techno-economic Modeling and LAB Scale Demonstration	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2021.1987588	15567036
1546	Joshi B., Sharma A.K., Yadav N.S., Tiwari S.	DNN based Approach to Classify Covid'19 using Convolutional Neural Network and Transfer Learning	International Journal of Computers and Applications	10.1080/1206212X.2021.1983289	1206212X
1547	Ahmed M.M., Fatima F., Anwer M.K., Aldawsari M.F., Bhatia S., Al-Harrasi A.	Brigatinib Loaded Poly (d,l-Lactide-co-glycolide) Nanoparticles for Improved Antitumoral Activity against Non-small Cell Lung Cancer Cell Lines	Drug Development and Industrial Pharmacy	10.1080/03639045.2021.1983585	3639045
1548	Mundi H.S., Kumar D.	Financing Discretionary Payout via Debt or Equity-Evidence from India	Macroeconomics and Finance in Emerging Market Economies	10.1080/17520843.2021.1983706	17520843
1549	Yadav K., Tiwari S., Jain A., Dafhalla A.K.Y.	Deep Learning Based Cardiovascular Disease Diagnosis System from Heartbeat Sound	International Journal of Speech Technology	10.1007/s10772-021-09890-4	13812416

S. No.	Authors	Title	Source Title	DOI	ISSN
1550	Kumar S., Singh M.K., Saini D.	An Image Watermarking Framework Based on PSO and FrQWT	Journal of Discrete Mathematical Sciences and Cryptography	10.1080/09720529.2021.1936901	9720529
1551	Mundi H.S.	Risk Neutral Variances to Compute Expected Returns using Data from S&P BSE 100 firms-a Replication Study	Management Review Quarterly	10.1007/s11301-021-00236-7	21981620
1552	Huang X., Wang W., Tomar R.	Simulation of Human Lower Limb Skeletal Muscle Motion Based on Deep Learning	International Journal of Systems Assurance Engineering and Management	10.1007/s13198-021-01261-1	9756809
1553	Thakran M., Kumar S., Phogat R., Ray S.K., Brajpuriya R., Rana A.S., Kumar B.	High Pressure Growth Approach for the Preparation of Reduced Graphene Oxide and its Investigation Using Raman Spectroscopy	Journal of Nano-and Electronic Physics	10.21272/jnep.13(4).04015	20776772
1554	Kumar H., Singh M.M., Sivaiah P.	Characterisation of Aluminium and Alumina thin films Coatings using Different Deposition Methods for Enhancement of Optical Properties	International Journal of Materials Engineering Innovation	10.1504/IJMAT EI.2021.116943	17572754
1555	Singh A., Singh A., Adhichwal N.K.	India: Nuclear Strategy and Emerging Challenges	International Journal of Global Energy Issues	10.1504/IJGEI.2021.117034	9547118
1556	Sharma H.K., Choudhury T., Kandwal A.	Machine Learning Based Analytical Approach for Geographical Analysis and Prediction of Boston City Crime using Geospatial Dataset	GeoJournal	10.1007/s10708-021-10485-4	3432521
1557	Sindhvani R., Vaidya O.S., Antony J., Shokri A.	Evaluating Performance of Projects Using Six Sigma Approach	IEEE Transactions on Engineering Management	10.1109/TEM.2021.3092885	189391
1558	Sun Q., Huang X., Kibalya G., Kumar N., Kumar S.V.N.S., Zhang P., Xie D.	Security Enhanced Sentence Similarity Computing Model Based on Convolutional Neural Network	IEEE Access	10.1109/ACCESS.2021.3099489	21693536
1559	Kumar A., Mishra D., Verma A., Srivastava V.K.	Alpha Labeling of Cyclic Graphs - I	Ars Combinatoria	-	3817032

S. No.	Authors	Title	Source Title	DOI	ISSN
1560	Mohandas P., Anni J.S., Choudhury T., Thanasekaran R.	Elephant Movement Mapping in Hosur Forest Border Areas to Detect the Elephant Intrusion Pattern and Mitigation Measures to Resolve Human–Elephant Conflict	GeoJournal	10.1007/s10708-021-10481-8	3432521
1561	Rajvanshi T., Shukla H., Sharma A.	Experimental Analysis of $\text{Al}_2\text{O}_3/\text{graphene}$ Nanoplatelets– kerosene Nanofluids	Nanoscience and Technology	10.1615/NANO SCITECHNOL INTJ.2021035570	25724258
1562	Raja L., Vyas S., Maselena A., Sahu A.	Sustainable Computational Technology for Cloud System	Recent Advances in Computer Science & Communications	10.2174/266625581404210125121502	26662558
1563	Akhtar M., Panda B.P., Khan A.A.	An Integrated Fuzzy Multi-Criteria Group Decision-Making Approach for Supplier Evaluation and Selection in Oil and Gas Industry	International Journal of Business Performance and Supply Chain Modelling	10.1504/IJBPS CM.2021.116213	17589401
1564	Chourasia A.S., Dalei N.N., Jha K.	Critical Success Factors for Development of Public-Private-partnership Airports in India	Journal of Infrastructure, Policy and Development	10.24294/jipd.v5i1.1259	25727923
1565	Nagesha K.V., Kumar H., Munisingh M.S.	Influence Of Rock Properties on Emission Rate of Particulates Matter (pm) During Drilling Operation in Surface Mines	Iranian Journal of Earth Sciences	-	20088779
1566	Phutela N., Gupta S., Gabrani G.	Real-time Modelling and Forecasting of Confirmed and Death cases for immediate action and their prevention against COVID-19 in India	International Journal of System of Systems Engineering	10.1504/IJSSE.2021.116046	17480671
1567	Umapathi K., Sangeetha Y., Shankar A.N., Vidhyalakshmi P., Ramkumar R., Balakumar S., Magdalinmary D.	Computational Investigations of Fixed-Free and Fixed Types Single-Wall Carbon Nanotube Mass Sensing Biosensor	Advances in Materials Science and Engineering	10.1155/2021/3253365	16878434
1568	Raja M.	Comparative Analysis of Low Earth Orbit Satellite Attitude Determination using Sensor Integration and Attitude Estimation using Kalman Filter	INCAS Bulletin	10.13111/2066-8201.2021.13.2.12	20668201
1569	Dhawan H., Kumar R.	Cold Welding based Space Debris Removal System	INCAS Bulletin	10.13111/2066-8201.2021.13.2.4	20668201
1570	Sharma N., Dogra B.A., Kumar R.	Schlieren Imaging of Single-fin Missile Models in a De-laval Nozzle Test Section	INCAS Bulletin	10.13111/2066-8201.2021.13.2.14	20668201

S. No.	Authors	Title	Source Title	DOI	ISSN
1571	Mishra A., Kuchhal P., Nasim M., Sharma U.C.	Extraction and Characterization of Sesbania Cannabina (Retz.) Pers. (Dhaincha) Seed Oil for Potential Engineering Applications	Journal of Oleo Science	10.5650/jos.ess 20359	13458957
1572	Mittal A., Jain A., Dhingra T.	DMart an Ace in India's Retail Space	Emerald Emerging Markets Case Studies	10.1108/EEMCS-09-2020-0324	20450621
1573	Das P., Manna S., Basak P.	Analyzing the Effect of Environmental Factors (Temperature and humidity) on the Outspread of Covid-19 Around the Globe	Ecology, Environment and Conservation	-	0971765X
1574	Gupta T., Sharma S., Rajvanshi T., Shukla H.	Fabrication of Nano Wire at Different pH: Effect, Structure, and Morphological Studies	Nanoscience and Technology	10.1615/NanoSciTechnolIntJ. 2021035733	25724258
1575	Jain D., Singh V.	A fast Parallel Classification Model for the Diagnosis of Cancer	Recent Advances in Computer Science & Communications	10.2174/2213275912666190410115323	26662558
1576	Verma A.H., Joshi S.K., Singh Y.K., Dubey S.	A Neural network model of PV Module Temperature as a Function of Weather Parameters Prevailing in Composite Climate Zone of India	International Journal of Ambient Energy	10.1080/01430750.2021.1909132	1430750
1577	Yadav D., Goenka N.	Comparative Analysis of Newton raphson and Particle Swarm Pptimization Techniques for Harmonic Minimization in CMLI	Advances in Mathematics: Scientific Journal	10.37418/amsj. 10.3.18	18578365
1578	Kakde A., Sharma D., Kaushik B., Arora N.	Investigation of Solar Flare Classification to Identify Optimal Performance	Electronic Letters on Computer Vision and Image Analysis	10.5565/rev/elc via.1274	15775097
1579	Mishra R., Dandotia R., Mishra R.G., Kuchhal P., Pachauri R.K.	SRR Slotted Multiband Antenna in Sub 6-GHz for Futuristic Communication	EAI Endorsed Transactions on Energy Web	10.4108/eai.1-7-2020.165997	16155548
1580	Gupta K., Sharma P., Sharma A.	On the Genealogy of Knowledge Management & Automated Systems in Engine Manufacturing Industry & Perception of BS III and BS IV Heavy Vehicle Drivers in Pune, Maharashtra: A Qualitative Study	Journal of Statistics Applications and Probability	10.18576/JSAP /100106	20908423
1581	Raja M., Asthana G., Singh A., Singhal A., Lakra P.	Orbit Design and Trajectory Analysis of Satellite in Low Earth Orbit	INCAS Bulletin	10.13111/2066-8201.2021.13. 1.17	20668201

S. No.	Authors	Title	Source Title	DOI	ISSN
1582	Raja M., Guven U.	Design of Obstacle Avoidance and Waypoint Navigation using Global Position Sensor/ Ultrasonic Sensor	INCAS Bulletin	10.13111/2066-8201.2021.13.1.16	20668201
1583	Nitika, Gupta S., Dixit S.K., Sharma A., Vij A., Bhatnagar C., Kumari A., Kumar V., Bahal B.M., Sharma R.K., Bhatnagar P.K.	Mechanistic Insights on improved Performance of PCDTBT:PC71BM Hetero-structured organic photovoltaic Cells via interfacing CdSe/ZnS Nanostructures	Applied Nanoscience (Switzerland)	10.1007/s13204-021-01789-5	21905509
1584	Singh P.	Affordance-based Framework of Object Perception in Children's Pretend play: A Nonrepresentational Alternative	International Journal of Play	10.1080/21594937.2021.1878776	21594953
1585	Kundalamcheery R.V., Chintala V.	Exergy Performance Assessment of Direct Steam Generation with Glasshouse Enclosed Parabolic Trough installation used for Solar Thermal Enhanced Oil Recovery (EOR) Application	Australian Journal of Mechanical Engineering	10.1080/14484846.2021.1893430	14484846
1586	Anand G., Putier M., James A.R., Sarah P.	Modeling of Dielectric Data of Mechanically milled Strontium Calcium bismuth Titanate using Modified Lorentz Equations	Ferroelectrics	10.1080/00150193.2020.1839258	150193
1587	Raj N., Dasgotra A., Mondal S., Kumar S., Patel R.K.	Deflection-Based Energy Harvesting Speed Breaker and It's Mechatronic Application	International Journal of Sustainable Engineering	10.1080/19397038.2020.1862352	19397038

BOOK CHAPTERS/ CONFERENCE PROCEEDING PAPERS

S.No.	Name	Title of the Book	Publisher Name	ISBN
1	Avita Katal	Database Management System- An Evolutionary Approach	Chapman and Hall/CRC	9780367244934
2	Sandip Kumar Chaurasiya	Computational Intelligence in Wireless Sensor Networks- Principles and Applications	CRC Press, Taylor Francis Group	9780367608880
3	Ravi Tomar	JavaScript Syntax and Practices	Chapman and Hall/CRC	9780367641429
4	Akashdeep Bhardwaj	Advanced Smart Computing Technologies in Cybersecurity and Forensics	Taylor Francis	9781003140023
5	Keshav Kaushik	Detection of Buffer Overflow in a Binary Image using Reverse Engineering	Notion Press	9781685862602

S.No.	Name	Title of the Book	Publisher Name	ISBN
6	Tanupriya Choudhury	Wireless Sensor Networks and the Internet of Things Future Directions and Applications	CRC Press(https://www.routledge.com/Wireless-Sensor-Networks-and-the-Internet-of-Things-Future-Directions-and/Nayak-Pani-Choudhury-Satpathy-Mohanty/p/book)	9781771889612
7	Sangeeta Pant	Meta-Heuristic Optimization Techniques- Applications in Engineering	Walter DE Gruyter, Germany (Book available online on google books)	9783110716177
8	Jagdish Chandra Patni	Cryptography and Steganography. A multilayer Data Security Approach	Grin Publishing	9783346536013
9	Parth Sharma	Indian Political Thought and its Contemporary Relevance	A.P.H. Publishing Corporation	9789331318909
10	Kabir Sharma	Resumption of Indian Tourism Industry in New Normal	Himalaya Publishing House	9789354950520
11	Alok Aggarwal	Proceedings of Intl. Conference on Advancements in Interdisciplinary Research ICAIR-2021	AKN Learning, New Delhi	9789386332119
12	Alok Aggarwal	Fundamentals of Automata Theory and Compiler Construction	IK International Publishing House, New Delhi	9789386768728
13	Balwinder Singh	Expanding Horizons of Article 21 of the Indian Constitution: A Critique	The Delhi Law House, Delhi	9789388918398
14	Vijay Kumar Singh	Legal Studies Class XI ISC	Eastern Book Company	9789390715831
15	Amar Shukla	Artificial Intelligence in Health Care	Nitya Publication	9789391669423
16	Rakesh Sah	The Adventures of Casper & Milo	Pen to publishing LLP	9789392877001
17	Velidi V.S.S Gurunadh	Mission to Europa: Case Study of a Manned Mission to Europa	ASIN Independent Publishing	9798787347333
18	Alok Jhaldiyal	Application and Data Security	Notion Press	9798885460286
19	Prasenjit Mondal	Interview Preparation to Data Scientist Role	Notion Press	9798885464635
20	Saurabh Jain	The fundamentals of blockchain technology	Notion Press	9798885465816
21	Jagdish Chandra Patni	Database Management System An Evolutionary Approach	CRC Press	978-0-367-24493- 4
22	Hitesh Kumar Sharma	Database Management System: An Evolutionary Approach	CRC Press Taylor Francis	978-0367244934
23	Gourav Bathla	A Practical Handbook of Computer Science	INSC International Publisher	978-1-68576-005-2

S.No.	Name	Title of the Book	Publisher Name	ISBN
24	Vinita Singh	Splendour in Stone: Art and Architecture of Gupta Era	INSC International Publishers	978-1-68576-129-5
25	K.S.R. Murthy	Removal of Heavy Metals	IIP Publishers	978-1-68576-192-9
26	Abhirup Khanna	Blockchain Applications in IoT Ecosystem	Springer EAI	978-3-030-65691-1
27	Varun Sapra	Security Incidents Response Against Cyber Attacks	Springer	978-3-030-69174-5
28	Tanupriya Choudhury	Autonomic Computing in Cloud Resource Management in Industry 4.0	Springer	978-3-030-71756-8
29	Ravi Tomar	Innovative Trends in Computational Intelligence	Springer, Cham	978-3-030-78284-9
30	Nihal Anwar Siddiqui	Advances in Environmental Science Engineering	Springer	978-3-030-790646
31	Syed Mohammad Tauseef	Advances in Environment Engineering and Management Proceedings of the 1st National Conference on Sustainable Management of Environment and Natural Resource Through Innovation in Science and Technology	Springer	978-3-030-79064-6
32	Virender Kadyan	Deep Learning Approaches for Spoken and Natural Language Processing	Springer International Publishing	978-3-030-79777-5
33	Tanupriya Choudhury	Decision Intelligence Analytics and the Implementation of Strategic Business Management	Springer	978-3-030-82762-5
34	Sandeep Pratap Singh	SHA Algorithms-Traditional and New secure, Efficient Algorithm: Cryptography, Security	Lambert Academic Publishing	978-6204197586
35	Gunjan Chhabra	Internet of Things	Lambert Academic Publishing	978-620-4-71441-7
36	Annapurna Boruah	Unconventional Hydrocarbon Resources	Lambert Academic Publishing	978-620-4-73348-7
37	Siddhartha Mukherjee	Dehradoun, An Illustrated Journey of a City	Copal Publishing Group	978-81-95320-85-1
38	Rahul Kumar Singh	Software Reliability With Jumping Finite Automata	BFC Publications Private Limited	978-93-5509-277-9/978-93-5509-290-8
39	Pardeep Singh	Software Reliability with Jumping Finite Automata	BFC Publications Private Limited	978-93-5509-290-8

S.No.	Name	Title of the Book	Publisher Name	ISBN
40	Ruchi Mehrotra	Ontogenesis of Banking Finance	World Lab Publications	978-93-90734-48-1
41	Priyanka Choudhary	Issues and Challenges in Artificial Intelligence	Whitesmann Publishing Co.	978-93-91076-24-5
42	Mehreen Manzoor	Comparative Analysis of the Institution of Prison of India, Germany and The Netherlands	Whitesmann Publishing Co	978-93-91076-56-6
43	Dhirendra Kumar Sharma	Development of Routing Protocols for Mobile Ad Hoc Networks	Sankalp Publication	978-93-91190-73-6
44	K. Mohan Reddy	Engineering Chemistry	24by7 Publishing	978-93-91488-00-0
45	K. Mohan Reddy	Essential Industrial Engineering Chemistry	24by7 Publishing	978-93-91488-97-0
46	Lalit Kane	Artificial Intelligence in Healthcare System	Nitya Publications	978-93-91669-42-3
47	Ruby Yadav	Freedom of Speech and Human Dignity: Representation of Rape in Indian English Print Media	Wizcraft Publications and Distribution	978-93-92268-20-5
48	Aishwarya Vatsa	Politics and Elections: Efficacy of Indian Electoral Laws	Wizcraft Publications and Distribution	978-93-92268-27-4
49	Anirban Chowdhury	Designing User Interface of a Decision Support System for Career Choice	Pen to Print Publishing LLP	978-9392877018
50	Thipendra Pal Singh	Data Driven Approach towards Disruptive Technologies Proceedings of MIDAS 2020	Springer, Singapore	978-981-15-9872-2
51	Rajeev Tiwari	Energy Conservation Solutions for Fog-Edge Computing Paradigms	Springer	978-981-16-3448-2
52	Sonali Vyas	Smart Health Systems	Springer, Singapore	978-981-16-4201-2
53	Syed Mohammad Tauseef	Advances in Sustainable Development: Proceedings of HSFEA 2020	Springer	978-981-16-4400-9
54	Thipendra Pal Singh	Smart Agriculture Automation using Advanced Technologies	Springer, Singapore	978-981-16-6123-5
55	Binod Kumar Singh	Intelligent Infrastructure in Transportation and Management. Studies in Infrastructure & Control	Springer	978-981-16-6936-1
56	Bikram Pratim Bhuyan	Approximation of Stability and its relationship with similarity in Formal Concept Analysis	Amazon	979-8538447312
57	Sharma A., Sharma A., Pandey J.K., Ram M.	Swarm Intelligence: Foundation, Principles, and Engineering Applications	CRC Press	9781000529746; 9780367546618
58	Krishnamurthi R., Kumar A., Gill S.S.	Autonomous and Connected Heavy Vehicle Technology	Elsevier	9780323905923; 9780323907156
59	Dutta B.	Mining, Displacement, and Matriliney in Meghalaya: Gendered Transitions	Taylor and Francis	9781000552553; 9780367678500

CONFERENCE PROCEEDINGS

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
1	Prince M.J.A., Avula V.R., Kudapa V.K.	Investigation of Anionic in Place of Cationic Surfactants onto Oil Wet Carbonate Surfaces for Improving Recovery	Materials Today: Proceedings	10.1016/j.matpr.2021.10.213	22147853
2	Mittal A.	Recent Advances in Using a Silica Nanofluid for Enhanced Oil Recovery	Materials Today: Proceedings	10.1016/j.matpr.2021.11.050	22147853
3	Ahmed M., Chakraborty P., Choudhury T.	Bangla Document Categorization, Using Deep RNN Model with Attention Mechanism	Lecture Notes in Networks and Systems	10.1007/978-981-16-4284-5_13	23673370
4	Patni J.C., Sharma H.K., Sharma S., Choudhury T., Mor A., Ahmed M.E., Ahlawat P.	COVID-19 Pandemic Diagnosis and Analysis, Using Clinical Decision Support Systems	Lecture Notes in Networks and Systems	10.1007/978-981-16-4284-5_23	23673370
5	Sultana M., Chakraborty P., Choudhury T.	Bengali Abstractive News Summarization Using Seq2Seq Learning with Attention	Lecture Notes in Networks and Systems	10.1007/978-981-16-4284-5_24	23673370
6	Singh P., Diwakar M., Chakraborty A., Jindal M., Tripathi A., Bajal E.	A Non-conventional Review on Image Fusion Techniques	2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering, UPCon 2021	10.1109/UPCON52273.2021.9667653	9781665409629
7	Choudhury T., Mahdi H.F., Agarwal A., Chakraborty A., Arunachalaeshwaran V.R., Sarkar T., Tomar R.	Quality Evaluation in Guavas using Deep Learning Architectures: An Experimental Review	HORA 2022 - 4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Proceedings	10.1109/HORA55278.2022.9799824	9781665468350
8	Arunachalaeshwaran V.R., Mahdi H.F., Choudhury T., Sarkar T., Bhuyan B.P.	Freshness Classification of Hog Plum Fruit Using Deep Learning	HORA 2022 - 4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Proceedings	10.1109/HORA55278.2022.9799897	9781665468350
9	Kumar A., Gangawane K.M., Ramanjaneyulu B.	Ferrofluids for Waste-Water Treatment	Environmental Science and Engineering	10.1007/978-3-030-96554-9_48	18635520

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
10	Sulania I., Avasthi D.K., Tripathi A., Hussain M.	Nanopattern Formation on Indium Phosphide Using Energetic Ions: An Overview with Various Ion Beam Parameters	ECS Transactions	10.1149/10701.3107ecst	19386737
11	Panwar A., Semwal G., Goel S., Gupta S.	Stratification of the Lesions in Color Fundus Images of Diabetic Retinopathy Patients Using Deep Learning Models and Machine Learning Classifiers	Lecture Notes in Electrical Engineering	10.1007/978-981-19-0019-8_49	18761100
12	Sharma P., Kudapa V.K.	Assessment of Hydrocarbon Generation Potential of Coal Seams from Raniganj basin, India	Materials Today: Proceedings	10.1016/j.matpr.2021.10.226	22147853
13	Saeed M., Aftab M., Amin R., Koundal D.	Trust Management Model in IoT: A Comprehensive Survey	Lecture Notes in Networks and Systems	10.1007/978-3-030-96299-9_64	23673370
14	Anwarul S.	An Efficient Minimum Spanning Tree-Based Color Image Segmentation Approach	Communications in Computer and Information Science	10.1007/978-3-030-95502-1_44	18650929
15	Kodavaty J., Pannala R.K.P.K., Wasson S., Mittal M., Irshad A.	A Novel Method to Choose the Experimental Parameters in Large Amplitude Oscillatory Shear Rheology	Materials Science Forum	10.4028/www.scientific.net/MSF.1048.54	2555476
16	Tiwari S.K., Pal S., Sharma A., Dasgotra A., Pandey J.K.	Investigation of Tribological Properties of Stir Cast Hybrid Aluminum Composites	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-3135-1_14	21954356
17	Varma P., Singh P., Chaturvedi Y., Arora G., Timung S.	Pressure Characteristics of Oil-water Flow in Microchannel	AIP Conference Proceedings	10.1063/5.0080271	0094243X
18	Anand V.K., Fraile A., Adroja D.T., Sharma S., Tripathi R., Ritter C., De La Fuente C., Biswas P.K., Garcia Sakai V., Del Moral A., Strydom A.M.	Signature of CEF-phonon Coupling in Kondo Lattice System CeCuGa ₃	Journal of Physics: Conference Series	10.1088/1742-6596/2164/1/012056	17426588
19	Tripathi R., Adroja D.T., Lees M.R., Anand V.K., Sundaresan A., Langridge S., Bhattacharyya A., Muro Y., Hayashi K., Takabatake T.	Effect of 3 p- and 5 d-electron Doping on the Kondo Semiconductor CeFe ₂ Al ₁₀	Journal of Physics: Conference Series	10.1088/1742-6596/2164/1/012043	17426588
20	Sharma S., Diwakar M., Singh P., Tripathi A., Arya C., Singh S.	A Review of Neural Machine Translation based on Deep Learning Techniques	2021 IEEE 8th Uttar Pradesh Section International Conference on Electrical, Electronics & Computer Engineering, UPCON 2021	10.1109/UPCON52273.2021.9667560	9781665409629

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
21	Yadav N., Ahuja A., Ashish M., Nijhawan R., Sharma B.	A Modern Replica for COVID-19 Pestilential Disease Identification	Proceedings of 3rd International Conference on Intelligent Engineering and Management, ICIEM 2022	10.1109/ICIEM54221.2022.9853060	9781665467568
22	Mishra N., Singh S.P.	Independent Modal Space Control based Trajectory Control for an Articulated Planar Manipulator with Flexible Links	3rd International Conference for Emerging Technology, INCET 2022	10.1109/INCET54531.2022.9824891	9781665494991
23	Mishra R.G., Mishra R., Chaurasia R.K., Kumari N.P., Kuchhal P.	Particle Swarm Optimization (PSO) for Multi-Objective Performance Optimization of Microstrip Patch Antenna for Wide-band Applications	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES54183.2022.9835905	9781665496346
24	Gyan Torto S.O., Kumar Pachauri R., Minai A.F., Siddiqui A., Sharma A.	PV Module Reconfigurable Approach using SM for Power Loss Reduction under Detrimental Shadowing Conditions	3rd International Conference for Emerging Technology, INCET 2022	10.1109/INCET54531.2022.9823969	9781665494991
25	Gourisaria M.K., Jain P., Singh V., Choudhury T.	A Duplex Method for Classification of Parkinson's Disease Using Data Reduction Techniques	Lecture Notes in Networks and Systems	10.1007/978-981-19-1018-0_48	23673370
26	Arya M., Hanumat Sastry G.	Ensemble Federated Learning for Classifying IoMT Data Streams	2022 IEEE 7th International conference for Convergence in Technology, I2CT 2022	10.1109/I2CT54291.2022.9824145	9781665421683
27	Choudhary C., Singh I., Kumar M.	A Real-Time Fault Tolerant and Scalable Recommender System Design Based on Kafka	2022 IEEE 7th International Conference for Convergence in Technology, I2CT 2022	10.1109/I2CT54291.2022.9825441	9781665421683
28	Doss R., Gupta S., Chakravarthi M.K., Channi H.K., Koti A.V., Singh P.	Understand the Application of Efficient Green Cloud Computing Through Micro Smart Grid in Order to Power Internet Data Center	2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823510	9781665437899

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
29	Ahamad S., Mohseni M., Shekher V., Smaism G.F., Tripathi A., Alanya-Beltran J.	A Detailed Analysis of the Critical Role of Artificial Intelligence in Enabling High-Performance Cloud Computing Systems	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823679	9781665437899
30	Gupta S., Sharma M.K., Singh R., Almashaqbeh H.A., Rajat, Gangodkar D.	IoT Based Multi-Layered Security Network Authentication System Development Using Blockchain Technology Management	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823518	9781665437899
31	Sathishkumar R., Mehdi Hassan A.M., Mohseni M., Tripathi A., Tongkachok K., Kapila D.	The Role of Internet of Things (IOT) for Cloud Computing Based Smart Grid Application for Better Energy Management using Mediation Analysis Approach	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823928	9781665437899
32	Sridharan A., Othman B.A., Shukla S.K., Tripathi A., Pandey A., Tongkachok K.	The Emerging Role of Integrating Artificial Intelligence (AI) Network for Effective Traffic Prediction using Correlation Analysis	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823926	9781665437899
33	Lakshmi K.S., Garunja E., Ullah A., Vyas S., Sharma T., Susanto E.	Evaluating the Relevance and Influence of the Internet of things and Deep Learning on Organisations during Economic Downturns	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823867	9781665437899
34	Surya S., Rajasekaran P., Yuriy S., Johar S.S., Tripathi A., Magno Ventayen R.J.	A Comprehensive Analysis in Investigating the Impact of Big Data Analytics in Wireless Networks in Failure Prediction, Prevention and Recovery	2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022	10.1109/ICACITE53722.2022.9823870	9781665437899
35	Govindasamy G., Kumar J P., Pasupula R.	Bio-oil by the Hydrothermal Liquefaction of Municipal Sewage Sludge using Hierarchical Fe-Co-ZSM-5 Catalysts	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/1042/1/012008	17551307

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
36	Govindasamy G., Sharma R., Subramanian S.	Studies on the Catalytic Hydrothermal Liquefaction of Sugarcane Bagasse to Bio-oil, over Cobalt Oxide	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/1042/1/012007	17551307
37	Vyas S., Gupta S., Verma S.S., Shukla V.K.	A Contemporary Learning on Smart Devices for Smart Metropolis	Lecture Notes in Networks and Systems	10.1007/978-981-19-1122-4_72	23673370
38	Singh A., Kaur A., Vyas S.	Robust Approach for Detecting Face Mask Using Deep Learning and Its Comparative Analysis	Lecture Notes in Networks and Systems	10.1007/978-981-19-0604-6_44	23673370
39	Luo T., Li R., Sun Z., Tao F., Kumar M., Li C.	Let the Big Data Speak: Collaborative Model of Topic Extract and Sentiment Analysis COVID-19 Based on Weibo Data	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10.1007/978-3-031-06794-5_22	3029743
40	Joshi K., Kumar M., Tripathi A., Kumar A., Sehgal J., Barthwal A.	Latest Trends in Multi-modality Medical Image Fusion: A Generic Review	Lecture Notes in Networks and Systems	10.1007/978-981-19-1122-4_69	23673370
41	Joshi K., Kumar M., Memoria M., Bhardwaj P., Chhabra G., Baloni D.	Big Data f5 Load Balancer with ChatBots Framework	Lecture Notes in Networks and Systems	10.1007/978-981-19-1122-4_74	23673370
42	Ajith P.J., Bangar Raju T., Aqib Jalil S., Chaturvedi B.K.	Energy Efficiency of Offshore Support Vessels	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/1044/1/012005	17551307
43	Sarkar A., Arya A.K.	A Survey on Optimization Parameters and Techniques for Crude Oil Pipeline Transportation	Smart Innovation, Systems and Technologies	10.1007/978-981-19-0836-1_43	21903018
44	Gupta P., Gupta V., Sharma M., Pachauri R.K., Akhtar J.	Design and Performance Analysis of Three axis Solar Tracking System	Proceedings - 2022 7th Asia Conference on Power & Electrical Engineering, ACPEE 2022	10.1109/ACPEE53904.2022.9783762	9781665418195
45	Seranmadevi R., Chakraverty S., Raj B., Kudapa V.K., Hepziba R.E., Suleimenova K.	Utilisation of Virtual Assistant and Its Impact on Retail Industry	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	10.1109/ICICCS53718.2022.9788243	9781665410359
46	Kapoor A., Mishra R.	Genetic Algorithm Optimized Gain Augmented Dual Band Printed Antenna for Cognitive eHealth Care (IoMT) Applications	Proceedings - 2022 IEEE 11th International Conference on Communication Systems and Network Technologies, CSNT 2022	10.1109/CSNT54456.2022.9787572	9781665480383

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
47	Banerjee S., Srivastava A., Chowdhury A.	Application of Immersive Media to Develop Model Making Skills of Industrial Design Learners	Lecture Notes in Networks and Systems	10.1007/978-3-030-94277-9_63	23673370
48	Chakraborty P., Chowdhury A.	Status of Political Cartoons in Indian Society: A Human Commination Perspective	Lecture Notes in Networks and Systems	10.1007/978-3-030-94277-9_39	23673370
49	Thulkar A., Chowdhury A.	Design of Safety Helmet for Construction Workers and Evaluation Using Digital Human Model	Lecture Notes in Networks and Systems	10.1007/978-3-030-94277-9_146	23673370
50	Soni V., Sharma A., Rajpurohit J.	Image Processing Using Elephant Herding Optimization: A Review	Lecture Notes in Electrical Engineering	10.1007/978-981-19-0252-9_3	18761100
51	Khohey J., Srivastav A., Kalgutkar T., Mukherjee S.	Understanding the Usability of School Stationery and the Scope for Innovation	Lecture Notes in Networks and Systems	10.1007/978-3-030-94277-9_20	23673370
52	Bhardwaj P., Lohani K., Tomar R., Srivastava R.	Comparative Analysis of Traditional and Cloud-Based Disaster Recovery Methods	Lecture Notes in Electrical Engineering	10.1007/978-981-19-0252-9_11	18761100
53	Choudhury S., Chowdhury A.	Learning Indian Classical Dance Forms with the Help of Augmented Reality (AR) Application	Lecture Notes in Networks and Systems	10.1007/978-3-030-94277-9_51	23673370
54	Mathur V., Chowdhury A.	Empathy, Vulnerability and Learning Theories in Higher Education	Lecture Notes in Networks and Systems	10.1007/978-3-030-94277-9_44	23673370
55	Mohan M., Chowdhury A., Sharma S.K.	Development of an Effective Scale for Measuring Empathy of Indian Nurses	Lecture Notes in Networks and Systems	10.1007/978-3-030-94277-9_33	23673370
56	Choudhary S., Sharma R.	Perceived Dominating Colors Optimization for Camouflage Texture Generation & ITS Effect Evaluation	4th International Conference on Recent Trends in Computer Science and Technology, ICRTCST 2021 - Proceedings	10.1109/ICRTCST54752.2022.9782048	9781665466332
57	Rajpurohit J., Sharma T.K.	A Hybrid Metaheuristic for Transmission Tower Design Optimization	Lecture Notes in Networks and Systems	10.1007/978-981-19-0707-4_77	23673370
58	Choudhary R., Lamba T., Chopra V., Verma Y.	Impact of 5G on the Internet of Connected Vehicles and Challenges: A Survey	Lecture Notes in Networks and Systems	10.1007/978-981-19-0707-4_32	23673370
59	Rajpurohit J., Sharma T.K.	An Enhanced Sine-Cosine Algorithm with Balanced Exploration and Exploitation	Lecture Notes in Networks and Systems	10.1007/978-981-19-0707-4_81	23673370

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
60	Pankwar D., Saini G.L., Agarwal P., Singh P.	Firefly Optimization Technique for Software Quality Prediction	Lecture Notes in Networks and Systems	10.1007/978-981-19-0707-4_25	23673370
61	Bhushan S.	A Novel Digital Forensic Inspection Model for XSS Attack	Lecture Notes in Networks and Systems	10.1007/978-981-19-0707-4_68	23673370
62	Mehta D., Joshi J., Bisht A., Badoni P.	Efficiency Analysis of Pre-trained CNN Models as Feature Extractors for Video Emotion Recognition	Smart Innovation, Systems and Technologies	10.1007/978-981-19-0011-2_54	21903018
63	Dutta K., Rajput A., Srivastava S., Chidambaram A., Srivastava A.	Design of AI-Enabled Application to Detect Ayurvedic Nutritional Values of Edible Items and Suggest a Diet	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Bioinformatics)	10.1007/978-3-031-05643-7_16	3029743
64	Kapoor L., Bontha A., Naidu J.G., Saxena N., Mohammed N.S.	Fast Pyrolysis of Coconut Coir in Solar Energy Embedded Fixed Bed Tubular Reactor	Environmental Science and Engineering	10.1007/978-3-030-96554-9_54	18635520
65	Nagpal P., Chaudhary S., Kumar S.	Detection of Disease in Plants with Android Integration Using Machine Learning	Smart Innovation, Systems and Technologies	10.1007/978-981-19-2719-5_13	21903018
66	Mudita, Chauhan H., Gupta D., Uppal J.	A Framework of Smart Dispensing Unit for Optimizing Sanitizer Quantity using IoT Schematics	ECS Transactions	10.1149/10701.8141ecst	19386737
67	Singh S., Raina D., Negi R.S., Sharma B.	An Approach for Drug Delivery to the Brain via External Acoustic Meatus	ECS Transactions	10.1149/10701.3609ecst	19386737
68	Kapoor R., Ahuja S., Kadyan V.	Machine Learning based Classification Algorithm for Classification of Dengue (Dengue Fever - DF, Dengue Harmonic Fever - DHF & Severe Dengue - SD)	ECS Transactions	10.1149/10701.4659ecst	19386737
69	Sobti R., Kadyan V., Guleria K.	Challenges for Designing of Children Speech Corpora: A State-of-the-Art Review	ECS Transactions	10.1149/10701.9053ecst	19386737
70	Malhotra P., Gupta S., Koundal D.	Comparative Analysis of Deep Learning Model for Automated Segmentation of Pneumothorax on Chest X-Ray Images	ECS Transactions	10.1149/10701.8905ecst	19386737

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
71	Anand V., Gupta S., Koundal D.	Detection and Classification of Skin Disease Using Modified Mobilenet Architecture	ECS Transactions	10.1149/10701.5059ecst	19386737
72	Messon D., Verma D., Rastogi M., Singh A.	Comparative Study of Time Optimization Algorithms for Traveling Salesman's Problem	Lecture Notes in Networks and Systems	10.1007/978-981-19-0619-0_48	23673370
73	Singh G.D., Kumar A., Dumka A.	Routing Challenges in Vehicular Ad-hoc Network and Significance of Swarm Intelligence for Efficient Routing	Lecture Notes in Networks and Systems	10.1007/978-981-19-0619-0_25	23673370
74	Aditya Manikanta A., Sahu H., Arora K., Koneru S.K.V.	An IoT Approach towards Storage of Medicines to Develop a Smart Pill Box	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8542-2_45	18761100
75	Yadav J., Kurre S.K., Thakur S.	FEM-Based Impact Analysis of Roll Cage of an All-Terrain Vehicle	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-4083-4_17	21954356
76	Kurre S.K., Yadav J., Thakur S.	Comparative Study of the Rear and Rear Side Impact on a Roll Cage Using FEM	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-4083-4_37	21954356
77	Dewan C., Ganesh Kumar T., Gupta S.	Comparative Study of Various Authentication Schemes in Tele Medical Information System	Lecture Notes in Mechanical Engineering	10.1007/978-981-19-0296-3_52	21954356
78	Goenka N., Goenka A., Tiwari S.	Patch-Based Classification for Alzheimer Disease using sMRI	2022 International Conference on Emerging Smart Computing and Informatics, ESCI 2022	10.1109/ESCI53509.2022.9758317	9781665400732
79	Pachauri R.K., Gupta A.K., Minai A.F., Kumar M., Shashikant	Su-Do-Ku Game Puzzle for Improving Shade dispersion factor on PV Array Systems under PSCs: Experimental Validation	2022 International Conference on Emerging Smart Computing and Informatics, ESCI 2022	10.1109/ESCI53509.2022.9758362	9781665400732
80	Matta P., Sharma S., Uniyal N.	Comparative Study Of Various Scraping Tools: Pros And Cons	2022 IEEE Delhi Section Conference, DELCON 2022	10.1109/DELCON54057.2022.9753358	9781665458832
81	Patni J.C., Agarwal S., Gupta R., Sharma H.K.	Social Distancing Using Video Tracking System—an Effort Toward COVID-19	Lecture Notes in Networks and Systems	10.1007/978-981-19-0745-6_5	23673370
82	Ezaz Ahmed M., Sharma H.K.	RNN-Based Deep Learning Model for Generating Caption of an Image	Lecture Notes in Networks and Systems	10.1007/978-981-19-0745-6_11	23673370

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
83	Sapra V., Sapra L., Bansal Y., Chhabra G., Tanwar R.	Machine Learning Approach for Identifying Survival of Bone Marrow Transplant Patients	Lecture Notes in Electrical Engineering	10.1007/978-981-19-0284-0_3	18761100
84	Ahuja N.J., Thapliyal M., Nayyar A., Kumar A.	Designing of Learning Environment of an Intelligent Tutoring System for Academic Learning Needs of Learning-Disabled Learners Based on Survey Report of Region-Specific Target Group	Lecture Notes in Electrical Engineering	10.1007/978-981-19-0284-0_29	18761100
85	Bhatia K., Singh A., Verma A., Mittal D.	An Improved Lossless Algorithm for Text Compression	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8892-8_37	18761100
86	Mishra V.D., Mishra A., Singh A., Verma L., Rajesh G.	Ballistic Study of Shear Thickening Fluid Impregnated Unidirectional Ultra-High Molecular Density Polyethylene Fabric	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-9539-1_9	21954356
87	Tyagi N.K., Goyal M., Kumar A.	Game Theory-Based Proof of Stake Mining in Blockchain for Sustainable Energy Efficiency	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8546-0_11	18761100
88	Aditya Manikanta A., Tanwar R., Srivastava A.K., Arora K.	An IoT-Based Approach in Automatic Garbage Segregation to Develop an Intelligent Garbage Segregator	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8546-0_6	18761100
89	Kaur D., Goel S., Nijhawan R., Gupta S.	Analysis of Brain Tumor using Pre-trained CNN Models and Machine Learning Techniques	2022 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2022	10.1109/SCEECS54111.2022.9741022	9781665414180
90	Vivek P., Goel S., Nijhawan R., Gupta S.	CNN Models and Machine Learning Classifiers for Analysis of Goiter Disease	2022 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2022	10.1109/SCEECS54111.2022.9740737	9781665414180
91	Kaushik V., Bhardwaj P., Lohani K.	Layered Service Model Architecture for Cloud Computing	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	10.1007/978-3-030-99191-3_8	18678211

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
92	Sharma D., Kumar R., Jain A.	Breast Cancer Patient Classification from Risk Factor Analysis Using Machine Learning Classifiers	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8774-7_40	18761100
93	Mishra I., Dhawai K.S., Singh H.K., Sharma A.	Methods for Vehicle Detection Using Roadside Sensors in Complex Environment	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_11	23662557
94	Dubey M.K., Raj V.	Sustainability Assessment Need for Construction Phase in Construction Project	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_23	23662557
95	Dewan R.	Evacuation Methods During Fire in High-Rise Buildings: A Review	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_25	23662557
96	Naugain M., Singh A.K.	Planning for Pedestrian-Friendly Cities	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_6	23662557
97	Biswas R., Anand N.	Impact of Non-standardized Trucks on Vehicle Fill Rate (VFR) and Cost in Indian FMCG Sector: A Study	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_15	23662557
98	Malhotra P., Gupta S., Zaguia A., Koundal D.	Thoracic Disease Chest Radiographic Image Dataset: A Comprehensive Review	Lecture Notes in Networks and Systems	10.1007/978-3-030-96308-8_5	23673370
99	Anand G.	Piezoelectric Materials for Sustainable Energy and Fitness Monitoring of Civil Structures	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_17	23662557
100	Rawat S., Goel V., Chowdhary A.	Efficient Municipal Solid Waste Management: A Case Study of Dehradun City	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_21	23662557
101	Raja R., Silori R., Kumar V.	Study on Effectiveness of Parkinsonia Aculeate for Water Treatment: A Review	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_18	23662557
102	Sahu A., Silori R., Bilouhan V.	Qualitative and Comparative Assessment of Pharmaceutical Industry Effluents in Selaqui Region	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_13	23662557
103	Kaushik K., Sandhu H.S., Gupta N.K., Sharma N., Tanwar R.	A Systematic Approach for Evading Anti-viruses Using Malware Obfuscation	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8774-7_3	18761100
104	Sharma A., Mishra I., Anurag	Review of Modern Techniques and Automation in the Construction Industry	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_3	23662557

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
105	Sharma M., Kumar R., Jain A.	Enhanced Quality of Service (EQoS) - Enabled Load Balancing Approach for Cloud Environment	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8774-7_44	18761100
106	Dewan R., Aadhyta R., Sushmitha P.R.	A Characteristic Study on the Factors Influencing Dust Explosion in Different Industrial Sectors	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_16	23662557
107	Lamba R., Gulati T., Jain A.	Automated Parkinson's Disease Diagnosis System Using Transfer Learning Techniques	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8774-7_16	18761100
108	Twarit B., Kumar S.N., Kumar S.A.	A Case Study on Flyover in Urban Context	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_5	23662557
109	Raj A., Singh A.K., Goel A., Jeena A.	Modern Techniques for Earthquake Resistant Buildings: A Review	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_2	23662557
110	Goel V., Kapur K.	Integrating Vastu Shastra for Green and Energy Efficient Building Under Byelaws	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_20	23662557
111	Goel V., Chowdhary A.	Efficient Bus Transport System, Case Study of Dehradun	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_9	23662557
112	Srinivas P.T., Dubey M.K., Raj V.	Floating Green Buildings and Towns	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_19	23662557
113	Raturi S., Chowdhary A., Goel V.	Suitable Urban Land Development Model for Uttarakhand	Lecture Notes in Civil Engineering	10.1007/978-981-16-6647-6_24	23662557
114	Kumar A., Prakash O.	Analysis of Lateral Dynamics of ARX Model of an Aircraft with Model Predictive Controller	2022 International Conference for Advancement in Technology, ICONAT 2022	10.1109/ICONAT53423.2022.9726117	97816654 25773
115	Singh R., Prakash O., Joshi S., Jeppu Y.	Linear Controller Design for Generic Air-Breathing Hypersonic Vehicle for different Control Inputs	2022 International Conference for Advancement in Technology, ICONAT 2022	10.1109/ICONAT53423.2022.9725951	97816654 25773
116	Sharma S., Sharma S., Choudhury T.	A Study And Analysis of Decentralized Cloud Based Platform	Proceedings of the Confluence 2022 - 12th International Conference on Cloud Computing, Data Science and Engineering	10.1109/Confluence52989.2022.9734166	97816654 37011

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
117	Singh R., Prakash O., Joshi S., Jeppu Y.	Development of 3DOF Longitudinal Dynamic Model of Generic Air-breathing Hypersonic Vehicle	2022 International Conference for Advancement in Technology, ICONAT 2022	10.1109/ICONAT53423.2022.9725896	9781665425773
118	Kumar A., Verma A., Saini R.K., Singh I., Chauhan D.	Performance Comparison of Dispersion Compensation using EDC at Distinct Data Rates with Distinct Photo-Detector Devices at Receiver	Materials Today: Proceedings	10.1016/j.matpr.2021.10.245	22147853
119	Danilin G., Sokolov S., Knysh T., Singh V.	Information Security Incidents in the Last 5 Years and Vulnerabilities of Automated Information Systems in the Fleet	Lecture Notes in Networks and Systems	10.1007/978-3-030-96383-5_172	23673370
120	Kaushik K., Dahiya S.	Scope and Challenges of Blockchain Technology	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8248-3_38	18761100
121	Asthana K., Dahiya S.	Route Tracer: A Shortest and Safest Path Calculator	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8248-3_14	18761100
122	Rani P., Kumar R., Jain A.	A Novel Hybrid Imputation Method to Predict Missing Values in Medical Datasets	Lecture Notes in Networks and Systems	10.1007/978-981-16-7018-3_16	23673370
123	Roy V.K., Thakur V., Nijhawan R.	Vision Transformer Framework Approach for Yellow Nail Syndrome Disease Identification	Lecture Notes in Networks and Systems	10.1007/978-981-16-7657-4_34	23673370
124	Karn A., Thakur S., Badoni P.	ANURL: An Innovative Management Scheme for Web Uniform Resource Locators	Lecture Notes in Networks and Systems	10.1007/978-981-16-8721-1_55	23673370
125	Bisht A., Sharma H.K., Choudhury T.	Effect of Esports Among Students in COVID Era	Lecture Notes in Networks and Systems	10.1007/978-981-16-8721-1_50	23673370
126	Salankar N.	Classification of Cognitive Ability from Multichannel EEG Signals Using Support Vector Machine	Lecture Notes in Networks and Systems	10.1007/978-3-030-96299-9_38	23673370
127	Malla V S., Sharma H.K., Choudhury T.	Handwritten Digit Recognition with Neural Network	Lecture Notes in Networks and Systems	10.1007/978-981-16-8721-1_51	23673370
128	Kumar K., Kumar C., Nijhawan R., Mittal A.	The Hybrid Vision Transformer Approach for Hyper-pigmentation Nail Disease Detection	Lecture Notes in Networks and Systems	10.1007/978-981-16-7657-4_4	23673370
129	Akkara S., Vohra S., Mallampalli S.S., Mallampalli M.S., Gokarakonda P.N.	Engaging Students with Gamified Learning Apps: The Role of Teacher Intervention	Lecture Notes in Networks and Systems	10.1007/978-3-030-93904-5_72	23673370

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
130	Arora S., Agarwal M., Mongia S., Kawatra R.	PSRE Self-assessment Approach for Predicting the Educators' Performance Using Classification Techniques	Communications in Computer and Information Science	10.1007/978-3-030-95711-7_34	18650929
131	Verma L., Mishra V.D., Mishra A., Sivakumar S.M., Vedantam S.	Incremental Modelling of Alloy Embedded Composite	AIAA Science and Technology Forum and Exposition, AIAA SciTech Forum 2022	10.2514/6.2022-2145	9781624106316
132	Prakash O., Kumar A.	NDI based Heading Tracking of Hybrid-Airship for Payload Delivery using Multi-body Dynamics	AIAA Science and Technology Forum and Exposition, AIAA SciTech Forum 2022	10.2514/6.2022-1432	9781624106316
133	Arya M., Hanumat Sastry G.	A Novel Deep Ensemble Learning Framework for Classifying Imbalanced Data Stream	Smart Innovation, Systems and Technologies	10.1007/978-981-16-3945-6_60	21903018
134	Singh R.P., Kumar P., Sangha G.S., Labana Z.D.	Numerical Analysis of an Optimized Wind Turbine Blade	AIAA Science and Technology Forum and Exposition, AIAA SciTech Forum 2022	10.2514/6.2022-0217	9781624106316
135	Thomas C., Singh S., Sharma Y.	Biomimetic Design Validation of Green Portable Manned Glider Wing with Plasma Boosters	AIAA Science and Technology Forum and Exposition, AIAA SciTech Forum 2022	10.2514/6.2022-0144	9781624106316
136	Bhardwaj V.P., Chauhan P., Srivastava R., Nitin	On Cost Analysis of New Crossbar Interconnection Network	Lecture Notes in Networks and Systems	10.1007/978-981-16-5348-3_4	23673370
137	Bhatt V., Chakravorty T., Chakravorty S.	Re-admission Rate Prediction of Diabetes Patient: Health Analytics-based Approach	Lecture Notes in Networks and Systems	10.1007/978-981-16-5120-5_56	23673370
138	Sharma H.K., Choudhury T., Kandwal A., Mor A., Sharma P., Ahmed M.E., Ahlawat P.	Real-Time Tracking System for Object Tracking Using Internet of Things (IoT)	Lecture Notes in Networks and Systems	10.1007/978-981-16-4284-5_43	23673370
139	Sharma H.K., Choudhury T., Kandwal A., Mor A., Sharma P., Ahmed M.E., Ahlawat P.	CNN Based Facial Expression Recognition System Using Deep Learning Approach	Lecture Notes in Networks and Systems	10.1007/978-981-16-4284-5_34	23673370
140	Chakravorty P., Jahanapi S.S., Choudhury T.	Bangla Handwritten Digit Recognition	Lecture Notes in Networks and Systems	10.1007/978-981-16-4284-5_14	23673370
141	Diwakar M., Singh P., Kumar P., Tiwari K., Bhushan S.	A Critical Review on Secure Authentication in Wireless Network	Lecture Notes in Electrical Engineering	10.1007/978-981-16-2354-7_55	18761100

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
142	Diwakar M., Singh P., Kumar P., Tiwari K., Bhushan S., Kaushik M.	Secure Authentication in WLAN Using Modified Four-Way Handshake Protocol	Lecture Notes in Electrical Engineering	10.1007/978-981-16-2354-7_56	18761100
143	Rani P., Kumar R., Jain A.	Multistage Model for Accurate Prediction of Missing Values using Imputation Methods in Heart Disease Dataset	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-15-9651-3_53	23674512
144	Chaudhary A., Sharma S., Verma A.	Optimization of WEDM Process Parameters for Machining of Heat Treated ASSAB'88 Tool Steel using Response Surface Methodology (RSM)	Materials Today: Proceedings	10.1016/j.matpr.2021.06.314	22147853
145	Maithani R., Kumar A., Sharma S.	Effect of Straight Slot Rib Height on Heat Transfer Enhancement of Nanofluid Flow through Rectangular Channel	Materials Today: Proceedings	10.1016/j.matpr.2021.08.040	22147853
146	Kapoor A., Mishra R., Kumar P.	Slotted Wideband Frequency Selective Reflectors for Sub-6 GHz 5G Devices	Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCIS 2021	10.1109/ICCCI S51004.2021.9397157	9781728185293
147	Sharma S., Kumar A., Maithani R.	Influence of Twisted Tape with Collective Protruded Rib Parameters of Thermal - Hydraulic Performance of Al ₂ O ₃ - H ₂ O Nanofluid Flow in Heat Exchanger Tube	Materials Today: Proceedings	10.1016/j.matpr.2021.08.021	22147853
148	Kapoor A., Mishra R., Kumar P.	Novel Wideband Frequency Selective Surface Based Space Borne Filters for Sub-6 GHz 5G Devices	2021 International Conference on Nascent Technologies in Engineering, ICNET 2021 - Proceedings	10.1109/ICNTE 51185.2021.9487649	9781728190617
149	Kataria A., Verma A., Sanjay M.R., Siengchin S.	Molecular Modeling of 2D Graphene Grain Boundaries: Mechanical and Fracture Aspects	Materials Today: Proceedings	10.1016/j.matpr.2021.10.416	22147853
150	Chaudhary A., Sharma S., Verma A.	WEDM Machining of Heat Treated ASSAB'88 Tool Steel: A Comprehensive Experimental Analysis	Materials Today: Proceedings	10.1016/j.matpr.2021.06.354	22147853
151	Chhabra M., Shukla M.K., Ravulakollu K.K.	Bagging and Boosting-based Latent Fingerprint Image Classification and Segmentation	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5148-2_17	21945357

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
152	Dewangan B.K., Agarwal A., Choudhury T., Pasricha A., Chandra Satapathy S.	Extensive Review of Cloud Resource Management Techniques in Industry 4.0: Issue and challenges	Software - Practice and Experience	10.1002/spe.2810	380644
153	Hasija T., Kadyan V., Guleria K.	Out Domain Data Augmentation on Punjabi Children Speech Recognition using Tacotron	Journal of Physics: Conference Series	10.1088/1742-6596/1950/1/012044	17426588
154	Agarwal R.	Heat and Mass Transfer in Electrically Conducting Micro polar Fluid Flow between two Stretchable Disks	Materials Today: Proceedings	10.1016/j.matpr.2020.11.614	22147853
155	Tiwari S.K., Umamaheswara Rao A., Reddy N., Sharma H., Pandey J.K.	Synthesis, Characterization and Finite Element Analysis of Polypropylene Composite Reinforced by Jute and Carbon Fiber	Materials Today: Proceedings	10.1016/j.matpr.2021.01.897	22147853
156	Kumar S., Maithani R., Kumar A.	Optimal Design Parameter Selection for Performance of Alumina Nano-material Particles and Turbulence Promoters in Heat Exchanger: An AHP-TOPSIS Technique	Materials Today: Proceedings	10.1016/j.matpr.2021.01.654	22147853
157	Prakash R., Chithaluru P.	Active Security by Implementing Intrusion Detection and Facial Recognition	Lecture Notes in Electrical Engineering	10.1007/978-981-15-7486-3_1	18761100
158	Sharma D., Arora A., Chamoli A., Rana P., Gairola S., Oswal P., Kumar S., Kumar A.	Palladium Complex of Sulphated Schiff base with Ortho-vanillin as Catalyst for O-arylation of Phenol	Materials Today: Proceedings	10.1016/j.matpr.2021.09.464	22147853
159	Sharma P., Kudapa V.K.	Study on the Effect of Cross-Linked Gel Polymer on Water Shutoff in Oil Well Bores	Materials Today: Proceedings	10.1016/j.matpr.2021.07.506	22147853
160	Agarwal M., Kudapa V.K., Sudharsan J.	Analytical Study of Structural Characteristics of South Eastern Coal Field by FTIR Spectroscopy and X-Ray Diffraction	Materials Today: Proceedings	10.1016/j.matpr.2021.06.055	22147853
161	Bhan U., Singh D., Ranganathan A.	Effect of Different Loads on the Friction and Wear Characteristics of Material Lubricated with Neem Oil	Materials Today: Proceedings	10.1016/j.matpr.2020.09.378	22147853
162	Sharma H., Kumar Tiwari S., Singh Chauhan V., Kumar R., Gulati P.	Wear Analysis of Friction Stir Processed Aluminum Composite Reinforced by Boron Carbide	Materials Today: Proceedings	10.1016/j.matpr.2021.02.468	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
163	Sarishma, Tomar R., Kumar S., Awasthi M.K.	To Beacon or Not?: Speed Based Probabilistic Adaptive Beaconing Approach for Vehicular Ad-Hoc Networks	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	10.1007/978-3-030-76063-2_12	18678211
164	Agarwal M., Sudharsan J.	A Comprehensive Review on Scavenging H ₂ S Compounds in Oil and Gas Industry by using Nanomaterials	Materials Today: Proceedings	10.1016/j.matpr.2020.11.693	22147853
165	Sharma S., Das R.K., Kulkarni K.	Performance Evaluation of Solar Air Heater Using Sine Wave Shape Obstacle	Lecture Notes in Mechanical Engineering	10.1007/978-981-33-4795-3_49	21954356
166	Kumar A., Srikanth P.	A Decision-based Multi-layered Outlier Detection System for Resource Constraint Manet	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5148-2_53	21945357
167	Kumar A., Sharma D.K.	An Optimized Multilayer Outlier Detection for Internet of Things (IoT) Network as Industry 4.0 Automation and Data Exchange	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5148-2_51	21945357
168	Hazarika S., Boruah A.	Supercritical CO ₂ (SCO ₂) as Alternative to Water for Shale Reservoir Fracturing	Materials Today: Proceedings	10.1016/j.matpr.2021.09.187	22147853
169	Rezende R.N., Alves L.R., Mishra A., Shukla H., Varshney H., Dhawan H., Mendonsa R., Kapoor S., Jain U.	Designing a Thrust Vector Test Stand for the Turbo Rocket	AIAA Propulsion and Energy Forum, 2021	10.2514/6.2021-3350	9781624106118
170	Singh S., Chintalacheruvu S.C.K., Garg S., Giri Y., Kumar M.	Efficient Face Identification and Authentication Tool for Biometric Attendance System	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	10.1109/SPIN52536.2021.9565990	9781665435642
171	Bathla G., Kumar A.	Opinion Spam Detection using Deep Learning	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	10.1109/SPIN52536.2021.9566048	9781665435642
172	Singh P.	Scheduling Tasks Based on Branch and Bound Algorithm in Cloud Computing Environment	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	10.1109/SPIN52536.2021.9565972	9781665435642

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
173	Kapoor A., Mishra R.	Design and Optimization of Compact Wideband Patch Antenna Using Genetic Algorithm for WLAN Communication	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	10.1109/ISPCC 53510.2021. 9609489	26438615
174	Thakral M., Singh R.R., Jain A., Chhabra G.	Rigid Wrap ATM Debit Card Fraud Detection Using Multistage Detection	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	10.1109/ISPCC 53510.2021. 9609521	26438615
175	Kunwer R., Bhurat S.S.	Thermal Characterization of Phase Change Materials (PCM) for Heating Applications	Materials Today: Proceedings	10.1016/j.matpr .2021.09.164	22147853
176	Verma J., Pant S., Kumar A., Kumar Jangir B., Dalal J., Ram M.	Analysis of Trench Termination in 4H-nSiC based Power Devices	Materials Today: Proceedings	10.1016/j.matpr .2021.02.226	22147853
177	Ranjit P.S., Bhurat S.S., Saravanan A., Murugan M., Kamesh V.V., Kumar P., Singh Y., Mahesh G.S.	Use of Schleicher Oleosa Biodiesel Blends with Conventional Diesel in a Compression Ignition Engine - A Feasibility Assessment	Materials Today: Proceedings	10.1016/j.matpr .2021.02.370	22147853
178	Singh D., Bhan U., Painuly P.K.	Effect of ZnO Nanoparticles Concentration on the Friction and Wear Behaviour of Mahua Oil	Materials Today: Proceedings	10.1016/j.matpr .2020.09.379	22147853
179	Pandey G., Sangwai J.S.	High Pressure Rheology of Gas Hydrate in Multiphase Flow Systems	Lecture Notes in Civil Engineering	10.1007/978-981-15-8506-7_26	23662557
180	Sharma D., Kumar R., Jain A.	A systematic review of risk factors and risk assessment models for breast cancer	Lecture Notes in Networks and Systems	10.1007/978-981-15-7130-5_41	23673370
181	Panchal A., Raghuvanshi V., Ramanjaneyulu B., Ghodke P.	Biomass Gasification of Carbonaceous Feedstock for Syngas Production: A review	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012062	17426588
182	Pandey N., Gupta M., Phase D.M., Gupta A.	In situ N K-edge XANES Study of Iron, Cobalt and Nickel Nitride Thin Films	Journal of Synchrotron Radiation	10.1107/S1600 577521006822	9090495
183	Katal A., Bajoria V., Sethi V.	Simulated Annealing based Approach for Virtual Machine Live Migration	8th International Conference on Smart Computing and Communications: Artificial Intelligence, AI Driven Applications for a Smart World, ICSCC 2021	10.1109/ICSCC 51209.2021. 9528160	97817281 96879

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
184	Verma D., Messon D., Rastogi M., Singh A.	Comparative Study of various Approaches of Dijkstra Algorithm	Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICC CIS 2021	10.1109/ICCCI S51004.2021. 9397200	97817281 85293
185	Miralles P., Scannapieco A.F., Jagadam N., Baranwal P., Faldu B., Abhang R., Bhatia S., Bonnart S., Bhatnagar I., Batul B., Prasad P., Ortega-González H., Joseph H., More H., Morchedi S., Panda A.K., Di Fraia M.Z., Wischert D., Stepanova D.	Machine Learning in Earth Observation Operations: A Review	Proceedings of the International Astronautical Congress, IAC	-	741795
186	Singh A., Singh S., Aggarwal A.	Traffic Congestion Controller: A Fuzzy Based Approach	Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications, CENTCON 2021	10.1109/CENT CON52345. 2021.9687917	97816654 00176
187	Bohrey A., Kumar R., Thakran A., Soni H.	Vertical Axis Airborne Wind Turbine: Future of Renewable Energy	AIAA Propulsion and Energy Forum, 2021	10.2514/6.2021 -3369	97816241 06118
188	Nijhawan R., Ashish M., Ahuja A., Yadav N.	A Hybrid Deep Learning Framework Approach for the Detection of Different Varieties of Grain Types	Proceedings of the 2021-10th International Conference on System Modeling and Advancement in Research Trends, SMART 2021	10.1109/SMART52563.2021. 9676325	97816654 39701
189	Reddy S., Goel S., Nijhawan R.	Real-time Face Mask Detection Using Machine Learning/Deep Feature-Based Classifiers for Face Mask Recognition	2021 IEEE Bombay Section Signature Conference, IBSSC 2021	10.1109/IBSSC 53889.2021.96 73170	97816654 17587
190	Thakur A.K., Arya A.K., Sharma P.	Analysis of Cathodically Protected Steel Pipeline Corrosion under the Influence of Alternating Current	Materials Today: Proceedings	10.1016/j.matpr .2021.05.548	22147853
191	Saha S., Majumder A., Bhowmik T., Basu A., Choudhury A.	A Healthcare Data Management System on Blockchain Framework	2021 International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2021	10.1109/SMART GENCON518 91.2021. 9645890	97816654 25032

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
192	Singh V.P., Agarwal J., Kumar M.	Analyzing Machine Learning Algorithms for Speech Impairment Related Issues	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	10.1109/SPIN52536.2021.9566072	9781665435642
193	Alam M.T., Ubaid S., Shakil, Sohail S.S., Nadeem M., Hussain S., Siddiqui J.	Comparative Analysis of Machine Learning based Filtering Techniques using MovieLens dataset	Procedia Computer Science	10.1016/j.procs.2021.10.075	18770509
194	Mehta D., Sehgal S., Choudhury T., Sarkar T.	Fruit Quality Analysis using modern Computer Vision Methodologies	Proceedings of the IEEE Madras Section International Conference 2021, MASCON 2021	10.1109/MASCON51689.2021.9563427	9781665404051
195	Sharma P., Kudapa V.K.	Rheological study of fluid flow model through computational flow dynamics analysis and its implications in mud hydraulics	Materials Today: Proceedings	10.1016/j.matpr.2021.06.058	22147853
196	Agarwal R., Kumar Mishra P.	Analytical Solution of the MHD Forced Flow and Heat Transfer of a non-Newtonian Visco-Inelastic Fluid between Two Infinite Rotating Disks	Materials Today: Proceedings	10.1016/j.matpr.2020.10.632	22147853
197	Ranjit P.S., Sureshchandra Bhurat S., Santosh Kumar D., Vinjamuri V.K., Saravanan A., Varaprasad Bh., Murugan M., Singh Y., G. S.M.	Experimental investigations on gaseous hydrogen supplemented Aleurites Fordii biodiesel in a direct injection diesel engine for performance enhancement and reduction in emissions	Materials Today: Proceedings	10.1016/j.matpr.2021.02.368	22147853
198	Kadyan V., Kathania H., Govil P., Kurimo M.	Synthesis Speech Based Data Augmentation for Low Resource Children ASR	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	10.1007/978-3-030-87802-3_29	3029743
199	Imran F., Ali Hossain M., Al Mamun M., Singh B.K., Choudhury T.	Global Skew Detection and Correction of Document Image Based on Least Square Method and Extensive Connected Component Analysis	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_38	18761100
200	Reeshti, Sehgal R., Mehrotra D., Nagpal R., Choudhury T.	Code Smell Refactoring for Energy Optimization of Android Apps	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_33	18761100
201	Amrita, Gupta P.	Test Case Prioritization Based on Requirement	Lecture Notes in Networks and Systems	10.1007/978-981-16-1089-9_26	23673370

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
202	Rawat A., Jindal A., Singhal A., Khanna A.	FemtoCloud for Securing Smart Homes-An Edge Computing Solution for Internet of Thing Applications	Lecture Notes in Networks and Systems	10.1007/978-981-16-0733-2_57	23673370
203	Garg K., Chauhan N., Dutta C., Choudhury T.	Promising Highest Resilient Network Using Preventive Route Selection Algorithm-IPS DSDV in MANET	Lecture Notes in Networks and Systems	10.1007/978-981-15-9774-9_4	23673370
204	Chowdhury A., Chakraborty P.	Memes that Evoke Emotions: A Neurodesign Strategy for Brand Communication and Experience	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0041-8_13	21903018
205	Banerjee S., Chowdhury A., Srivastava A.	Creating Awareness About Health and Hygiene During Menstrual Cycle Among Indian Adolescent Girls Using Virtual Reality	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_27	21954356
206	Sharma M., Kumar R., Jain A.	Load Balancing in Cloud Computing Environment: A Broad Perspective	Lecture Notes on Data Engineering & Communications Technologies	10.1007/978-981-15-9509-7_44	23674512
207	Arya A., Kumar S., Singh V.	Prediction of defects in software using machine learning classifiers	Advances in Intelligent Systems and Computing	10.1007/978-981-15-7907-3_37	21945357
208	Punia S.K., Kumar M., Sharma A.	Intelligent Data Analysis with Classical Machine Learning	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5566-4_71	21945357
209	Agarwal S., Jain N., Choudhury T., Singh U.V., Tomar R.	E-Commerce Delivery Routing System Using Bellman-Held-Karp Algorithm	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-5463-6_25	21954356
210	Kumar A., Jain S.	Proof of Game (PoG): A Proof of Work (PoW)'s Extended Consensus Algorithm for Healthcare Application	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5113-0_2	21945357
211	Danilin G.V., Sokolov S.S., Knysh T.P., Singh V.	Unmanned navigation development prospects based on structural analysis of automated vessel control system	Journal of Physics: Conference Series	10.1088/1742-6596/2096/1/012185	17426588
212	Gopinath P., Pujari M., Kotni T.R.	Preparation and application of low-cost ceramic membranes for separation of oil-water emulsion	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012076	17426588
213	Khan A., Saxena S., Baloni S., Sharma M., Kodavaty J.	Overview and Methods in Enhanced oil Recovery	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012061	17426588

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
214	Singh M., Bharti A., Kodavaty J.	Overview of methods in oil spill technology	Journal of Physics: Conference Series	10.1088/1742- 6596/2070/1/01 2053	17426588
215	Sharma S., Choudhary V., Kothari S., Choudhury A.	Customized Human Mask- Face Recognition using Computer Vision	2nd Global Conference for Advancement in Technology, GCAT 2021	10.1109/GCAT 52182.2021.95 87490	97807381 32150
216	Mondal A.I., Mandal B.K., Choudhury A.	Cryptosystem using Facial Landmark for Authentication Pairing and Key Generation in Bluetooth Security	2nd Global Conference for Advancement in Technology, GCAT 2021	10.1109/GCAT 52182.2021.95 87742	97807381 32150
217	Dubey D., Singh T.P., Bhattacharjee A.	Design of ATM Network Architecture that interoperate with Higher Level Protocols in 5G environment	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRC A51532.2021.9 544934	97807381 46270
218	Miglani P., Katal A., Upadhyay H., Kochar J.	Optimal metro route identification using Q- Learning	6th International Conference on Recent Trends on Electronics, Information, Communication and Technology, RTEICT 2021	10.1109/RTEIC T52294.2021.9 573726	97816654 35598
219	Gangwar D.K., Katal A.	Memory Leak Detection Tools: A Comparative Analysis	6th International Conference on Recent Trends on Electronics, Information, Communication and Technology, RTEICT 2021	10.1109/RTEIC T52294.2021.9 574012	97816654 35598
220	Jain T., Joshi P., Bansal R., Jain Y., Katal A.	Comparison of Server Load Balancing Techniques in Cloud Simulated Environment	Asian Conference on Innovation in Technology, ASIANCON 2021	10.1109/ASIA NCON51346.2 021.9545016	97817281 85835
221	Elngar A.A., Kumar R., Hayat A., Churi P.	Intelligent System for Skin Disease Prediction using Machine Learning	Journal of Physics: Conference Series	10.1088/1742- 6596/1998/1/01 2037	17426588
222	Adlakha N., Ridhima, Katal A.	Real Time Stock Market Analysis	International Conference on System, Computation, Automation and Networking, ICSCAN 2021	10.1109/ICSCA N53069.2021.9 526506	97816654 39862

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
223	Rawat A., Singhal A., Choudhury T.	Towards securing cloud & Information - Vision & Challenges	Proceedings of the Confluence 2021: 11th International Conference on Cloud Computing, Data Science and Engineering	10.1109/Confluence51648.2021.9377125	9780738131603
224	Kumar S., Tauseef S.M.	Development of an Internet of Things (IoT) based Lockout/Tagout (LOTO) device for Accident Prevention in Manufacturing Industries	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1017/1/012017	17578981
225	Pachauri R.K., Mavi R., Prasad H., Goswami S., Shashikant	Cross-tied Interconnections of PV Strings to Diminish Shading Caused during Obscured Solar Environment Conditions: Experimental Study	2021 International Conference on Simulation, Automation and Smart Manufacturing, SASM 2021	10.1109/SASM51857.2021.9841222	9781665403573
226	Sharma R., Nitin N.	Just Network Reorientation In RTDS May Differ the System Efficiency and Accommodativeness	Proceedings - 2021 International Conference on Computational Science and Computational Intelligence, CSCI 2021	10.1109/CSCI54926.2021.00342	9781665458412
227	Kumar A., Garg R., Dahiya S., Prateek M., Kumar S.	Semantic Segmentation of L&S Band SAR Data after Tuning the Hyper Parameters in Machine Learning Models	2021 IEEE India Geoscience and Remote Sensing Symposium, InGARSS 2021 - Proceedings	10.1109/InGARSS51564.2021.9792137	9781665442497
228	Prabu S., Tripathi A., Kaur K., Krishna M.M., Bora A., Hasan M.F.	A Comprehensive Study of Internet of Things and Digital Business on the Economic Growth and its Impact on Human Resource Management	Proceedings - 2021 International Conference on Computing Sciences, ICCS 2021	10.1109/ICCS54944.2021.00026	9781665494458
229	Agarwal J., Kumar M., Srivastava A.K.	Symptoms Based Disease Diagnosis and Treatment Recommendation	2021 International Conference on Computational Performance Evaluation, ComPE 2021	10.1109/ComPE53109.2021.9751805	9781665436564
230	Patni J.C., Agarwal S., Kumar M., Agarwal P.	Image Quality Enhancement : A Linear Programming Approach	2021 International Conference on Computational Performance Evaluation, ComPE 2021	10.1109/ComPE53109.2021.9752053	9781665436564

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
231	Pandey D.	Case Study On Optimizing Flare Gas Recovery System Of FPSO Through FGRC	82nd EAGE Conference and Exhibition 2021	-	97817138 41449
232	Prakash O., Singh R., Joshi S., Jeppu Y.	Flight Dynamics Analysis using High Altitude & Mach Number for Generic Air-Breathing Hypersonic Vehicle	AIAA Propulsion and Energy Forum, 2021	10.2514/6.2021-3271	97816241 06118
233	Thomas C., Bhardwaj D., Velidi G., Guven U.	Design Case Study of a LEO Tourism Spot: Orbital, Logistical and Economic Considerations	Proceedings of the International Astronautical Congress, IAC	-	741795
234	Thomas C., Bhardwaj D., Velidi G., Guven U.	LOCUS: Spaceport Establishment Location Determination Assistant	Proceedings of the International Astronautical Congress, IAC	-	741795
235	Verma A., Chauhan G., Ojha K.	Characterization Of Polymer-Free Foam Fluid For Hydraulic Fracturing Application	82nd EAGE Conference and Exhibition 2021	-	97817138 41449
236	Chauhan G., Verma A., Ojha K.	Biopolymer Nanocomposite Smart Fracturing Fluids - A New Development For Hthp Stimulations	82nd EAGE Conference and Exhibition 2021	-	97817138 41449
237	Chandra R., Mathur M., Neduncheran A.	Monitoring Forest Fire and Volcanic Eruptions Using Satellite Constellation	Proceedings of the International Astronautical Congress, IAC	-	741795
238	Thomas C., Roy T., Lawrance L., Velidi G., Guven U.	Heliocentric Dyson Web for Distress Power Beaming Applications	Proceedings of the International Astronautical Congress, IAC	-	741795
239	Gupta S., Khismatrao R., Gupta S., Singh H., Shukla D., Sidhana A.	Space Debris Categorization and Sorting using MATLAB	Proceedings of the International Astronautical Congress, IAC	-	741795
240	Nagesh A., Singh J., Sharma A., Pal S.	Conceptual Design Of Martian Habitat And Life Support System Using In-situ Resources	Proceedings of the International Astronautical Congress, IAC	-	741795
241	Roy T., Thomas C., Nudurupati A.K., Shanmugam M., Velidi G.	Multiphysics Simulation Environment with Material Performance Studies for Martian STEM Projects	Proceedings of the International Astronautical Congress, IAC	-	741795
242	Mohanty S., Goel S., Nijhawan R., Gupta S.	Identification of Diabetic Foot Ulcer in Images using Machine Learning	Proceedings - 2021 19th OITS International Conference on Information Technology, OCIT 2021	10.1109/OCIT53463.2021.00052	97816654 16641

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
243	Pancholi N., Goel S., Nijhawan R., Gupta S.	Classification and Detection of Acne on the Skin using Deep Learning Algorithms	Proceedings - 2021 19th OITS International Conference on Information Technology, OCIT 2021	10.1109/OCIT53463.2021.00032	9781665416641
244	Mani V., Goel H., Awasthi L., Singh D., Sidhana A., Kumar R.	Colonizing mars: In-situ resource utilization of the martian moons	Proceedings of the International Astronautical Congress, IAC	-	741795
245	Pachauri R.K., Minai A.F., Pandey V., Shashikant, Goyal V., Swain R.	Optimal Placement of Modules in PV Array Systems to Achieve Higher GMPP under Obscured Irradiations	Proceedings - 2021 International Conference on Control, Automation, Power and Signal Processing, CAPS 2021	10.1109/CAPS52117.2021.9730692	9781665445771
246	Sarkar P.R., Yadav A.K., Minai A.F., Pachauri R.K.	MPPT Based SPV System Design and Simulation Using Interleaved Boost Converter	Proceedings - 2021 International Conference on Control, Automation, Power and Signal Processing, CAPS 2021	10.1109/CAPS52117.2021.9730712	9781665445771
247	Mani V., Singh D., Awasthi L., Goel H., Sidhana A.	Exploratory mission to Mercury: Possibilities for future sample return missions	Proceedings of the International Astronautical Congress, IAC	-	741795
248	Khan A.A., Minai A.F., Devi L., Alam Q., Pachauri R.K.	Energy Demand Modelling and ANN Based Forecasting using MATLAB/Simulink	Proceedings - 2021 International Conference on Control, Automation, Power and Signal Processing, CAPS 2021	10.1109/CAPS52117.2021.9730746	9781665445771
249	Nayak N.P.	Characterization of blast furnace flue dust - an assessment for its utilization	Materials Today: Proceedings	10.1016/j.matpr.2021.09.417	22147853
250	Thomas T., Sharma P., Gupta D.K.	Meta-analysis of rock, brine, oil interactions and expert system development	Materials Today: Proceedings	10.1016/j.matpr.2021.07.140	22147853
251	Kumar A., Kumar D.	Vacuum assisted resin transfer Moulding process review and variability analysis using Taguchi optimization technique	Materials Today: Proceedings	10.1016/j.matpr.2021.09.055	22147853
252	Yadav J., Kurre S.K., Thakur S.	Estimation of the dynamic response of roll cage under impact loading by modeling and simulation	Materials Today: Proceedings	10.1016/j.matpr.2021.09.445	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
253	Kumar D., Ramesh M., Kumar A.	Effect of Variable Thickness and Service Temperature of Copper Coating on the Plane Strain Fracture Toughness of AISI 1020 Steel Substrate and Brittle to Ductile Transition Temperature	Materials Today: Proceedings	10.1016/j.matpr.2021.09.547	22147853
254	Ara S., Prasanti N.	Compact Structure in Patch Antenna for X Band Application	IEMECON 2021 - 10th International Conference on Internet of Everything, Microwave Engineering, Communication and Networks	10.1109/IEMECON53809.2021.9689077	9781665426862
255	Chaurasiya S.K., Biswas A., Banerjee R.	Metaheuristic Multilevel Heterogeneous Clustering Technique for Heterogeneous Wireless Sensor Networks	IEMECON 2021 - 10th International Conference on Internet of Everything, Microwave Engineering, Communication and Networks	10.1109/IEMECON53809.2021.9689098	9781665426862
256	Chakradar M., Aggarwal A.	A Machine Learning Model to Identify Insulin Resistance in Humans	Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications, CENTCON 2021	10.1109/CENTCON52345.2021.9688098	9781665400176
257	Kumar R., Dhawan H., Bohrey A., Adhlakha P.	Space Habitat Solar Thermal Energy System a Novel Approach	AIAA Propulsion and Energy Forum, 2021	10.2514/6.2021-3714	9781624106118
258	Singh V., Singh A., Aggarwal A., Aggarwal S.	A digital Transformation Approach for Event Driven Micro-services Architecture residing within Advanced vcs	Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications, CENTCON 2021	10.1109/CENTCON52345.2021.9687973	9781665400176
259	Vishnoi A., Aggarwal A., Prasad A., Prateek M.	An Encryption Method Involving Homomorphic Transform	Proceedings of IEEE International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications, CENTCON 2021	10.1109/CENTCON52345.2021.9688040	9781665400176

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
260	Mishra M., Choudhury T., Sarkar T.	Devanagari Handwritten Character Recognition	IEEE India Council International Subsections Conference, INDISCON 2021	10.1109/INDISCON53343.2021.9582192	9781665438339
261	Chugh M.	A Research Perspective on Integrating Knowledge Management for Software Engineering	5th International Conference on Information Systems and Computer Networks, ISCON 2021	10.1109/ISCON52037.2021.9702377	9781665403412
262	Choudhury A., Negi A., Bhowmik T.	A Study on Effect of COVID-19 and AI tools to Detect Coronavirus from Chest Medical Images	5th International Conference on Information Systems and Computer Networks, ISCON 2021	10.1109/ISCON52037.2021.9702393	9781665403412
263	Rose J.D., Nelson S.C., Kaushik R.	Expert Decision Support System for Donor Identification Using Multi-Agent System	5th International Conference on Information Systems and Computer Networks, ISCON 2021	10.1109/ISCON52037.2021.9702412	9781665403412
264	Rastogi S., Bhatt P., Gowri R.	Design and Simulation of First Order Microwave Digital Differentiator Trapezoidal Integrator	5th International Conference on Information Systems and Computer Networks, ISCON 2021	10.1109/ISCON52037.2021.9702350	9781665403412
265	Gupta A., Rastogi A., Katal A.	A Comparative Study of Amazon Product Reviews Using Sentiment Analysis	7th IEEE International Conference on Advances in Computing, Communication and Control, ICAC3 2021	10.1109/ICAC353642.2021.9697155	9781665426343
266	Datta G., Joshi N., Gupta K.	Study of NMT: An Explainable AI based approach	5th International Conference on Information Systems and Computer Networks, ISCON 2021	10.1109/ISCON52037.2021.9702396	9781665403412
267	Prasad A., Ghosh K., Verma S.S.	Crime patrolling assistance using passive monitoring: A Proof of Concept of a proactive Wi-Fi Surveillance system	12th International Conference on Computing Communication and Networking Technologies, ICCCNT 2021	10.1109/ICCCNT51525.2021.9579805	9781728185958

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
268	Ria N.J., Ani J.F., Islam M., Masum A.K.M., Choudhury T., Abujar S.	NPABT: Naming Pattern Analysis Of Bengali Text To Detect Various Community Using Machine Learning Approach	12th International Conference on Computing Communication and Networking Technologies, ICCCNT 2021	10.1109/ICCCNT51525.2021.9580046	9781728185958
269	Singh R.K., Sachan M.K., Patel R.B.	Knowledge Adaptation for Cross-Domain Opinion Mining	Proceedings of the 8th International Conference on Signal Processing and Integrated Networks, SPIN 2021	10.1109/SPIN52536.2021.9566107	9781665435642
270	Madana A.L., Shukla V.K., Vyas S.	Mitigating Storage Challenges through Configuring NAS Using Raspberry Pi	12th International Conference on Computing Communication and Networking Technologies, ICCCNT 2021	10.1109/ICCCNT51525.2021.9579910	9781728185958
271	Saini A., Katal A., Mathur A.	Ensuring Social Distancing using Artificial Intelligence: Distancia-the new normal	12th International Conference on Computing Communication and Networking Technologies, ICCCNT 2021	10.1109/ICCCNT51525.2021.9579993	9781728185958
272	Pachauri R.K., Pardhe M.K., Kazmi S.A., Gupta A.K.	Improved SDK based Shade Dispersion Methodology to Achieve Higher GMPP of PV Systems under Shading Scenarios	Proceedings of the IEEE Madras Section International Conference 2021, MASCON 2021	10.1109/MASCON51689.2021.9563589	9781665404051
273	Tiwari S.P., Chaturvedi S.K., Adhikary S., Banerjee S., Basu S.	Automatized Marine Vessel Monitoring From Sentinel-1 Data Using Convolution Neural Network	International Geoscience and Remote Sensing Symposium (IGARSS)	10.1109/IGARSS47720.2021.9555149	9781665403696
274	Bhardwaj V.P.	On Comparative Analysis of Advanced Omega Network and Irregular Advance Omega Network	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702700	2640074X
275	Sowrabh S., Rameshkumar A., Athira P.V., Jishnu T.B., Anish M.N.	An Intelligent Robot Assisting Medical Practitioners to Aid Potential Covid-19 Patients	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702538	2640074X

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
276	Bansal N., Datta G., Singh A.	Experimentation with NMT models on low resource Indic languages	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702577	2640074X
277	Bhatnagar N., Johari S.	Web Crawler based Caching Technique for efficient Downloading	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702584	2640074X
278	Bhatnagar N., Johari S.	Correlation Coefficient Model for Analyzing Effect of Temperature on COVID19 cases in India	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702649	2640074X
279	Gaba S., Aggarwal A., Nagpal S., Kumar D., Singh P.	A Forecast of Coronary Heart Disease using Proficient Machine Learning Algorithms	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702640	2640074X
280	Thakral M., Jain A., Kadyan V., Jain A.	An Innovative Intelligent Solution Incorporating Artificial Neural Networks for Medical Diagnostic Application	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702631	2640074X
281	Nagaraj P., Phebe G.S., Singh A.	A Novel Technique to Classify Face Mask for Human Safety	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702607	2640074X
282	Kumar R., Singh A., Datta G., Kumar A., Garg H.	Brain Tumor Detection System Using Improved Convolutional Neural Network	Proceedings of the IEEE International Conference Image Information Processing	10.1109/ICIIP53038.2021.9702648	2640074X
283	Vishnoi A., Agarwal A., Prasad A., Prateek M.	Use of Homomorphic Transform in Encryption	CSITSS 2021 5th International Conference on Computational Systems and Information Technology for Sustainable Solutions, Proceedings	10.1109/CSITS54238.2021.9683207	9781665406109
284	Singh V., Singh A., Aggarwal A., Aggarwal S.	DevOps based migration aspects from Legacy Version Control System to Advanced Distributed VCS for deploying Micro-services	CSITSS 2021 5th International Conference on Computational Systems and Information Technology for Sustainable Solutions, Proceedings	10.1109/CSITS54238.2021.9683718	9781665406109

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
285	Singh G.D., Vig H., Kumar A.	A data visualization approach for predicting the income class of the population	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9675850	9781665435246
286	Aanchal, Nijhawan R., Goel S.	Facial Recognition based on Deep Learning	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676010	9781665435246
287	Tyagi K., Pathak G., Nijhawan R., Mittal A.	Detecting Pneumonia using Vision Transformer and comparing with other techniques	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676146	9781665435246
288	Bhuyan B.P., Tomar R., Gupta M., Ramdane-Cherif A.	An Ontological Knowledge Representation for Smart Agriculture	Proceedings - 2021 IEEE International Conference on Big Data, Big Data 2021	10.1109/BigData52589.2021.9672020	9781665439022
289	Kaushik K., Dahiya S.	An Automated Abstract Approach for Investigating Bitcoin Balances and Wallet Addresses	Proceedings of the 2021 10th International Conference on System Modeling and Advancement in Research Trends, SMART 2021	10.1109/SMART52563.2021.9676254	9781665439701
290	Ansari S.A., Nijhawan R., Bansal I., Mohanty S.	Cervical Dystonia Detection using Facial and Eye Feature	Proceedings of the 2021 10th International Conference on System Modeling and Advancement in Research Trends, SMART 2021	10.1109/SMART52563.2021.9676214	9781665439701
291	Agarwal R., Nijhawan R., Gupta S., Goel S.	Covid-19 Analysis Using Deep Learning Methods and Computed Tomography Scans	IEEE Bombay Section Signature Conference, IBSSC 2021	10.1109/IBSSC53889.2021.9673387	9781665417587
292	Diwania S., Rawat D., Kumar M., Dua G.S.	Hybrid GSA-CS Assisted Performance Evaluation of Single-channel Pvt. Air Collector	3rd International Sustainability and Resilience Conference: Climate Change	10.1109/IEEECONF53624.2021.9668075	9781665416320

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
293	Kappukalar Nasurudeen T.F., Shukla V.K., Gupta S.	Automation Of Disaster Recovery And Security In Cloud Computing	Proceedings - International Conference on Communication, Information and Computing Technology, ICCICT 2021	10.1109/ICCIC T50803.2021.9510110	97816654 04303
294	Kusuma H.M., Shukla V.K., Gupta S.	Enabling VR/AR and Tactile through 5G Network	Proceedings - International Conference on Communication, Information and Computing Technology, ICCICT 2021	10.1109/ICCIC T50803.2021.9510181	97816654 04303
295	Chugh M., Bhadoria R.S.	Analysis of the Indian IT sector-investigating the role of technology for software process improvement through knowledge management	Proceedings - 2021 IEEE 10th International Conference on Communication Systems and Network Technologies, CSNT 2021	10.1109/CSNT 51715.2021.9509563	97807381 05239
296	Chowdhary A.N., Phutela N., Gupta S., Gabrani G.	Game based User Interface to Help Dementia Patients Improve their Cognitive and Physical Abilities	Conference Proceedings - IEEE International Conference on Systems, Man and Cybernetics	10.1109/SMC5 2423.2021.9658865	1062922X
297	Jerripothula K.R., Ansari S.A., Nijhawan R.	A Vision-based Solution for Track Misalignment Detection	Proceedings - 2021 34th SIBGRAPI Conference on Graphics, Patterns and Images, SIBGRAPI 2021	10.1109/SIBGR API54419.2021.00044	97816654 23540
298	Arora A., Mehra A., Rakesh N.	Vehicle Aware and Directed Communications Protocol using collaborative scheme-driven compilation system towards VANET	International Conference on Smart Generation Computing, Communication and Networking, SMART GENCON 2021	10.1109/SMART GENCON518 91.2021.9645816	97816654 25032
299	Vadicharla G., Sharma P., Gupta S.K., Saraf D.N.	History matching of an Oil Reservoir using Non-dominated Sorting Genetic Algorithm-II coupled with Sequential Gaussian Simulation	Proceedings of the 2021 IEEE International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2021	10.1109/ICSES 52305.2021.9633849	97816654 35215

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
300	Vonteddu S.N.R., Kollu R., Nunna P.K.	Energy Based PMSM Drive Electric Vehicle to Eliminate High Frequency Switching	IEEE Electrical Power and Energy Conference, EPEC 2021	10.1109/EPEC52095.2021.9621431	9781665429283
301	Motla A., Nisar S., Baranwal V., Sharma K., Sundarawel B., Shrama N.D., Khan S.A., Avasthi D.K.	Ion Beam Synthesis of SERS Substrate	Proceedings of the 2021 International Conference on Electrical Engineering and Photonics, EExPolytech 2021	10.1109/EExPolytech53083.2021.9614915	9781665449724
302	Roy S., Avasthi D.K., Bala M., Tripathi S.K., Karaseov P.	Study of Low Energy Ion Beam-Assisted Mixing in Al/Sb Bilayer	Proceedings of the 2021 International Conference on Electrical Engineering and Photonics, EExPolytech 2021	10.1109/EExPolytech53083.2021.9614836	9781665449724
303	Garg S., Ghosh K.	Energy Allied Routing in Wireless Sensor Network	9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2021	10.1109/ICRITO51393.2021.9596450	9781665417037
304	Sharma S., Mongia S., Ghosh K., Rajpal R., Yadav V., Ahuja S., Tripath N.	Analysis of AI-driven tools and Impact of Covid-19 on Age: A Case Study for India	9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2021	10.1109/ICRITO51393.2021.9596226	9781665417037
305	Nazar N., Shukla V.K., Kaur G., Pandey N.	Integrating Web Server Log Forensics through Deep Learning	9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2021	10.1109/ICRITO51393.2021.9596324	9781665417037
306	Ravulakollu K.K., Rajput P.K., Varanasi A.	Acceptance: A Forgotten Dimension of Usability in Ambient Intelligent Environments	9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2021	10.1109/ICRITO51393.2021.9596211	9781665417037

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
307	Patel G.M., Singh A., Bhala T., Jora A., Chandna D.	A Comparative Study on Shortest Path Visualization using Artificial Intelligence	9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions), ICRITO 2021	10.1109/ICRITO51393.2021.9596550	9781665417037
308	Aggarwal A., Srivastava P.K., Gupta D.K., Chatterjee R.S.	Estimating regional land subsidence in Mehsana urban block, Gujarat: Effect of groundwater induced aquifer compaction	Materials Today: Proceedings	10.1016/j.matpr.2021.08.254	22147853
309	Nayak N.P., Jain A., Ranjan Mahapatra S.	Application of Mine Excellence software in flyrock prediction & mitigation	Materials Today: Proceedings	10.1016/j.matpr.2021.08.282	22147853
310	Ghosh K., Prasad A.	On the Move Passive Localization of Access Points Based on Received Signal Strength of IEEE 802.11 Probe Frames: A Heuristic Method	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	10.1109/ISPC53510.2021.9609505	26438615
311	Ghosh K.	Effect of Random Mobility on the Performance of an Energy Efficient Fermat Point Based Geocast Routing Protocol for Wireless Adhoc and Sensor Networks	Proceedings of IEEE International Conference on Signal Processing, Computing and Control	10.1109/ISPC53510.2021.9609453	26438615
312	Yadav M., Singh V., Prachi	Ontology based data integration and mapping for adverse drug reaction	Proceedings of IEEE International Conference on Signal Processing, Computing & Control	10.1109/ISPC53510.2021.9609499	26438615
313	Teotia A., Garg S.	GAMEOP: Software Quality Management Approach for Gaming Industry	Proceedings of IEEE International Conference on Signal Processing, Computing & Control	10.1109/ISPC53510.2021.9609430	26438615
314	Araujo N.F., Rajasekaran R., Singh V.	Smart Shuttle Based Transformation system for Smart Cities	Proceedings of IEEE International Conference on Signal Processing, Computing & Control	10.1109/ISPC53510.2021.9609438	26438615
315	Arora A., Singh A., Kadyan V.	Corpus Design Challenges and Analysis of Acoustic Information for Automatic Dialect Classification	Proceedings of IEEE International Conference on Signal Processing, Computing & Control	10.1109/ISPC53510.2021.9609433	26438615
316	Garg S., Tiwari R.	Smart Fog Based Deforestation Detection System	CEUR Workshop Proceedings	-	16130073

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
317	Singh P., Bathla G., Singh R.K., Aggarwal A.	A Novel Approach for Wireless Home Automation System using IoT	CEUR Workshop Proceedings	-	16130073
318	Bathla G., Singh P., Singh R.K.	AI-based Question Answering system for NoSQL standard query	CEUR Workshop Proceedings	-	16130073
319	Saini R.K., Verma P., Saini D.K., Gupta R.	Performance of Three Phase Induction Motor operating at voltage variations- A Review	CEUR Workshop Proceedings	-	16130073
320	Aggarwal A., Dhindsa K.S., Suri P.K., Singh P.	An implementation Analysis of Risk Mitigation in Software Reusability using Matrix Approach	CEUR Workshop Proceedings	-	16130073
321	Goel G., Tiwari R., Koundal D., Upadhyay S.	Analysis of Resource Scheduling algorithms for optimization in IoT Fog- Cloud System	CEUR Workshop Proceedings	-	16130073
322	Garg S.	AI transforming the future of Digital Marketing	CEUR Workshop Proceedings	-	16130073
323	Singh R.R., Koundal D., Tiwari R.	Linguistic Approach for Authentic Authorship	CEUR Workshop Proceedings	-	16130073
324	Singh K.A., Labana Z.D.	Comparative Study of Barrier Coatings on Turbine Blade Cooling	Proceedings of ASME 2021 Gas Turbine India Conference, GTINDIA 2021	10.1115/GTIN DIA2021-76436	97807918 85536
325	Devalla V., Thomas C., Neduncheran A., Capoor S., Mondal A.K.	Design of Autonomous Unmanned System for Aerial Operations from Underwater Platforms	Proceedings of ASME 2021 Gas Turbine India Conference, GTINDIA 2021	10.1115/GTIN DIA2021-76354	9.781E+12
326	Tang L., Patel A., Sweeney D.J., Banerjee N., Thakur A.K., Chaudhari P., Kumar R., Joshi J.	Understanding household energy challenges in Himalayan communities using participatory design approaches	Proceedings of the ASME Design Engineering Technical Conference	10.1115/DETC 2021-67972	9.781E+12
327	Roy H., Bhatt M.Y.	Challenges and solution for renewable energy development in Uttarakhand, India	International Journal of Economic Policy in Emerging Economies	10.1504/IJEPE E.2021.118990	17520452
328	Srivastava R., Kumar S., Fore V., Tomar R.	A Study of Five Models Based on Non-clinical Data for the Prediction of Diabetes Onset in Medically Under-Served Populations	Communications in Computer and Information Science	10.1007/978-3-030-88244-0_12	18650929
329	Nayak N.P.	Design of beneficiation scheme of Banded Hematite Jasper using Mineralogical characterization study	Materials Today: Proceedings	10.1016/j.matpr .2021.06.086	22147853

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
330	Krishna S., Ridha S., Ilyas S.U., Campbell S., Bhan U., Bataee M.	Application of deep learning technique to predict downhole pressure differential in eccentric annulus of ultra-deep well	Proceedings of the International Conference on Offshore Mechanics and Arctic Engineering - OMAE	10.1115/OMAE.2021-62621	9.781E+12
331	Kumar D., Kumar A., Singla A., Dewan R.	Production and tribological characterization of castor based biodiesel	Materials Today: Proceedings	10.1016/j.matpr.2021.02.009	22147853
332	Sharma P.K., Kumar Sharma A., Shenbagaraj S., Mondal S.	An investigation on emissions analysis of spark plug engine fueled by producer gas generated by L. camera	Materials Today: Proceedings	10.1016/j.matpr.2021.02.615	22147853
333	Singh D., Ranganathan A., Diddakuntla G.	Tribological analysis of putranjiva oil with effect of CuO as an additive	Materials Today: Proceedings	10.1016/j.matpr.2021.01.378	22147853
334	Singh Y., Singla A., Upadhyay A.K.	Effect of SiO ₂ as an additive to Mongongo oil during friction and wear characterization	Materials Today: Proceedings	10.1016/j.matpr.2021.01.970	22147853
335	Rupani A., Jilani S.A., Shibly F.H.A., Choudhury T.	FPGA Implementation of Image Processing Filters using IoT	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_36	18761100
336	Deol S., Patel S.R., Choudhury T.	Fuzzy Logic Method Based MPPT Controller for Solar Energy Generation	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_5	18761100
337	Mehta D., Sehgal S., Choudhury T., Sarkar T.	A Comparative Analysis of Clustering and Biclustering Algorithms in Gene Analysis	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_4	18761100
338	Agrawal P., Gupta S.C., Choudhury T.	Load Balancing Issues in Cloud Computing	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_10	18761100
339	Srivastava S., Sharma V.K., Sharma R., Singh B.K., Singh J.N., Choudhury T.	A Comprehensive Effectual Load-Balancing Method in Cloud Computing	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_32	18761100
340	Goyal U., Negi A., Adhikari A., Gupta S.C., Choudhury T.	Resume Data Extraction Using NLP	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_41	18761100
341	Panda R.C., Chakraborty R., Choudhury T., Mathivanan K.E., Chakraborty S.	Human Detecting Sensors and End-To-End Security Model for Design and Manufacturing of IoT-Based Disinfectant Sanitizer Tunnel: An Innovation Against Covid-19	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_34	18761100
342	Jain S., Gautam R., Sharma S., Tomar R., Choudhury T.	Four-Factor Authentication with Emerging Cybersecurity for Mobile Transactions	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_35	18761100
343	Singh A.K., Kane L., Khanna A., Choudhury T.	An Overview on State-of-Art in Mid-Air Writing and Recognition Systems	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4149-7_37	18761100

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
344	Chatterjee S.	A multi-objective clustering ensemble approach for crowdsourced clustering	CEUR Workshop Proceedings	-	16130073
345	Bhuyan B.P., Saha S.	Selection of Mobile Node Using Game and Graph Theory for Video Streaming Application	Lecture Notes in Electrical Engineering	10.1007/978-981-16-3067-5_24	18761100
346	Chawla T.S., Hazra A., Raigar R.K., Lal K.	Towards sustainable economic growth: Use of brick waste powder in oil well cement applications	Proceedings of the IADC/SPE Asia Pacific Drilling Technology Conference, APDT	10.2118/201080-MS	-
347	Tiwari S.K., Akula U.R., Dasgotra A., Kona S.	Characterization of aluminum-fly ash composite fabricated by stir casting technique	Materials Today: Proceedings	10.1016/j.matpr.2021.03.025	22147853
348	Raju T.B., Sharma A., Sen V.	Relationship Between Renewable Energy and CO2 Emissions in BRICS Countries	Lecture Notes in Electrical Engineering	10.1007/978-981-16-1186-5_12	18761100
349	Ashok J., Badoni P.	Web Content Authentication: A Machine Learning Approach to Identify Fake and Authentic Web Pages on Internet	Lecture Notes in Networks and Systems	10.1007/978-981-16-0882-7_6	23673370
350	Vadhera K., Deshwal A., Tripathi A.	Optimization of Systems-Development Life Cycle Through Automation Using Ansible	Lecture Notes in Electrical Engineering	10.1007/978-981-16-1186-5_19	18761100
351	Tiwari S.K., Dasgotra A., Singh V.K., Umamaheswararao A., Pandey J.K.	Wear Characteristics of Aluminum Composite Reinforced by Multiwall Carbon Nanotubes	Lecture Notes in Mechanical Engineering	10.1007/978-981-16-0976-3_13	21954356
352	Sharma H.K., Ahlawat P., Sharma M.K., Ahmed M.E., Patni J.C., Taneja S.	CNN-Based Approach to Control Computer Applications by Differently Abled Peoples Using Hand Gesture	Lecture Notes in Networks and Systems	10.1007/978-981-16-0733-2_34	23673370
353	Agarwal J., Kumar M., Srivastava A.K.	Estimation of Various Parameters for AES, DES, and RSA	Lecture Notes in Networks and Systems	10.1007/978-981-15-9774-9_27	23673370
354	Verma S., Popli R., Kumar H., Tanwar R.	Story Point Based Effort Estimation Model with Machine Learning Techniques in Healthcare	Communications in Computer and Information Science	10.1007/978-981-16-1480-4_50	18650929
355	Jadhav R.M., Pandey G., Balasubramanian N., Sangwai J.S.	Effect of Nanoparticles on the Viscosity Alteration of Vacuum Residue	Lecture Notes in Civil Engineering	10.1007/978-981-15-8506-7_36	23662557
356	Sha A., Srivastava A., Haldia M., Kumar P., Badoni P.	Virtual Reality-Based Fire Safety Training for the Indian Context	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0119-4_67	21903018
357	Debnath A., Pathak U., Badoni P.	An Augmented Reality Application to Teach Human Anatomy to Secondary School Students	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0119-4_70	21903018
358	Jindal A., Chowdhury A.	Designing a Donation Portal to Help Underprivileged Indians	Smart Innovation, Systems & Technologies	10.1007/978-981-16-0041-8_34	21903018

S. No.	Authors	Title	Source Title	DOI	ISSN/ISBN
359	Loha P., Chowdhury A.	LinkedIn Students: An Extension of LinkedIn Designed for College Students to Enhance Their Job-Hunting Experience	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0041-8_36	21903018
360	Sharma Y., Chowdhury A.	Evaluation and Redesign of SAP Portal for University Students	Smart Innovation, Systems and Technologies	10.1007/978-981-16-0041-8_35	21903018
361	Shivhare S.N., Kumar N.	Brain Tumor Segmentation Using Random Walks from MRI Images	Advances in Intelligent Systems and Computing	10.1007/978-981-33-4299-6_3	21945357
362	Bhurat S., Pandey S., Chintala V., Sharma S., Kunwer R.	Influence of Compression Ratio and Exhaust Gas Recirculation on Light-Duty Diesel Engine	Lecture Notes in Mechanical Engineering	10.1007/978-981-33-4795-3_45	21954356
363	Majumder D., Chowdhury A.	Design and Evaluation of Speed Forms for Design of an Amphibious Vehicle	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_3	21954356
364	Joshi J., Chowdhury A.	Creating Products from Textile Waste Generated During Fabric Cutting Stage in the Garment Production Process	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_8	21954356
365	Chowdhury A., Karkun P.	Strategies of Affective Instructional Design for Elderly	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_1	21954356
366	Nishad A.K., Chowdhury A.	Designing Interface for an Online Bike Rental Service for Personified Tourism	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-9853-1_26	21954356
367	Adlakha P., Notnani D., Raja M., Jain A.	Designing and simulating a cubesat constellation for mars exploration	AIAA Scitech 2021 Forum	-	9781624106095
368	Vats A., Ali S.F.	Design of a mechanical obstacle detection and avoidance sensor for a venus rover	AIAA Scitech 2021 Forum	-	9781624106095
369	Adlakha P., Dhawan H., Jain A., Sri Harsha R., Thakur P., Awasthi L., Kumar R., Jethi N.	Space exploration mission to study titan's environment and conducting experiments	AIAA Scitech 2021 Forum	-	9781624106095
370	Nigam A., Ghosh D.P.	Fusion of Artificial Intelligence for Multidisciplinary Optimization: Skidding Track-Case Study	Advances in Intelligent Systems and Computing	10.1007/978-981-15-6353-9_11	21945357
371	Bhawna, Kumar S., Singh V.	Information hiding techniques for cryptography and steganography	Advances in Intelligent Systems and Computing	10.1007/978-981-15-7907-3_39	21945357
372	Vyas S., Prasad A.	Analysis of Algorithms K-Means and Apriori for Data Mining	Advances in Intelligent Systems and Computing	10.1007/978-981-15-6014-9_22	21945357
373	Kaur P., Bhardwaj L., Tanwar R.	Structural health monitoring system for bridges using internet of things	Lecture Notes in Networks and Systems	10.1007/978-981-15-7130-5_64	23673370
374	Mukherjee A., Bisen D., Saurabh P., Kane L.	Enhanced homomorphic encryption scheme with particle swarm optimization for encryption of cloud data	Advances in Intelligent Systems and Computing	10.1007/978-3-030-49336-3_29	21945357

ACADEMIC AND SCHOLARLY ACTIVITIES

CONFERENCES/SEMINARS / WORKSHOPS/ WEBINARS / SUMMITS / PANEL DISCUSSIONS

S. No.	Program Title	School	Type (International/ National)	From Date	To Date
1	2021 International Conference on Communication Information and Computing Technology (ICCICT)	SOCS	International	25-Jun-21	27-Jun-21
2	Copyright Filed	SOCS	National	26-Jul-21	26-Jul-21
3	3rd International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication	SOCS	International	10-Dec-21	11-Dec-21
4	HPCL Training (Pune)	SOCS	National	10-Jan-22	11-Jan-22
5	MINDS –2022	SOCS	International	18-Feb-22	19-Feb-22
6	3rd International Conference on Emerging Technologies in Data Mining & Information Security	SOCS	International	23-Feb-22	25-Feb-22
7	Artificial Intelligence N-Dimension, Perspectives and AI Ethics	SOCS	National	24-Feb-22	28-Feb-22
8	Consultancy (18 Days)	SOCS	International	1-Apr-22	1-Jun-22
9	Data Analytics Using Artificial Intelligence April	SOCS	National	11-Apr-22	15-Apr-22
10	ICDSAI –2022	SOCS	International	23-Apr-22	24-Apr-22
11	IHIC-2022	SOCS	International	17-May-22	19-May-22
12	International Conference on Cognitive Computing & Intelligent Communication Systems (CCICS-2022)	SOCS	International	20-May-22	20-May-22
13	CISES2022	SOCS	International	20-May-22	22-May-22
14	ICSR 2022-Conference	SOCS	International	19-Jun-22	20-Jun-22
15	ADSC 2022- Conference	SOCS	International	23-Jun-22	24-Jun-22
16	ADSC 2022- Conference	SOCS	International	23-Jun-22	24-Jun-22
17	ADSC 2022-Conference	SOCS	International	23-Jun-22	24-Jun-22
18	Life with Food Allergy	SOHST	National	30-Jul-21	30-Jul-21
19	Adverse Drug Reactions: Issues and Challenges during COVID 19	SOHST	National	10-Jan-22	11-Jan-22
20	Talk with Vikas Singh	SOMM	National	1-Dec-21	1-Dec-21
21	Integration and Convergence	SOMM	National	1-Apr-22	1-Apr-22
22	How to use ENG camera, Canon XA-11	SOMM	National	1-Jun-22	1-Jun-22
23	Webinar for Foundation Students and Q&A	SOD	Webinar	16-Jul-21	16-Jul-21

S. No.	Program Title	School	Type (International/ National)	From Date	To Date
24	Advances in Materials and Battery Technology for Electric Vehicles	SOE	International	10-Aug-21	10-Aug-21
25	One Day Lecture Series on Energy Storage and Conservation 2022 Organised UPES (Inhouse)	SOE	Organised by UPES (Inhouse)	6-Jan-22	6-Jan-22
26	PAC Meeting on Physical Sciences-I (CMP&MS) Fully Funded by SERB, DST Gov of India	SOE	National	22-Jun-22	25-Jun-22
27	Webinar on Leadership & Teamwork	SOLS	International	19-Feb-22	19-Feb-22
28	Webinar on 'Career Guidance for Higher Studies'	SOLS	National	7-Mar-22	7-Mar-22
29	Webinar on Leadership & Teamwork	SOLS	International	26-Mar-22	26-Mar-22
30	Workshop on 'Life Skills In Entrepreneurship'	SOLS	International	18-Jun-22	18-Jun-22
31	A Review of Scales Developed and the Path Ahead	SOB	National	2-Jul-21	2-Jul-21
32	Literature Review: Initial Screening, the Acceptance Rejection Criteria and the Way Forward	SOB	National	7-Jul-21	7-Jul-21
33	Workshop on Business Model Canvas	SOB	National	11-Jul-21	11-Jul-21
34	Blockchain: Reshaping the Future of Business	SOB	International	11-Jul-21	11-Jul-21
35	Research Methodology	SOB	National	12-Jul-21	17-Jul-21
36	Identifying Relationship Amongst Firm's Learning Ability, Customer Engagement And Service Interaction When Moving Towards Machine-Age Technology	SOB	National	14-Jul-21	14-Jul-21
37	Stock Market	SOB	National	17-Jul-21	17-Jul-21
38	PVH Business Progress	SOB	National	20-Jul-21	20-Jul-21
39	Carbon Foot Printing - Putting an Internal Price to Carbon	SOB	National	23-Jul-21	23-Jul-21
40	Cargo Operations as a Career Choice	SOB	National	25-Jul-21	25-Jul-21
41	Gross Environment Product	SOB	National	27-Jul-21	27-Jul-21
42	Strategic Planning and Management	SOB	National	27-Jul-21	27-Jul-21
43	Are all Advertisement Aimed at Selling ? Making of a Conceptual Paper	SOB	National	28-Jul-21	28-Jul-21
44	Multi-disciplinary & Holistic Education	SOB	National	2-Aug-21	2-Aug-21
45	Building a Career in Consulting and Strategy	SOB	National	7-Aug-21	7-Aug-21
46	Entrepreneur's	SOB	National	8-Aug-21	8-Aug-21
47	Theory of Planned Behavior, VBN Theory and Alphabet Theory: The Literature Review Continues	SOB	National	11-Aug-21	11-Aug-21
48	Low Carbon Technology Transfer in India	SOB	National	13-Aug-21	13-Aug-21
49	Supply Chain: Risks & Resilience	SOB	International	13-Aug-21	13-Aug-21

S. No.	Program Title	School	Type (International/ National)	From Date	To Date
50	Overview of Fund Raising Option	SOB	National	14-Aug-21	14-Aug-21
51	Research Paper Review and Bibliometric Analysis on Customer Engagement, Dynamic Capability and Service Interaction for Firms Adopting Automation Technology for Customer Interaction	SOB	National	20-Aug-21	20-Aug-21
52	Can Offshore Wind Help Reach Net Zero Targets?	SOB	National	27-Aug-21	27-Aug-21
53	Entrepreneur's Masterclass	SOB	International	28-Aug-21	28-Aug-21
54	Influence of Social Media Platforms on Purchase Decision of E-Commerce Websites	SOB	National	3-Sep-21	3-Sep-21
55	A Bibliometric Analysis of Theory of Planned Behavior and Formulation of the Review Paper .	SOB	National	10-Sep-21	10-Sep-21
56	Commerce & Management	SOB	National	21-Sep-21	21-Sep-21
57	Chalo Gaon	SOB	National	4-Sep-21	4-Sep-21
58	Issues Faced by Inbound Foreign Students	SOB	National	21-Sep-21	21-Sep-21
59	Agro Raw Material	SOB	National	24-Sep-21	24-Sep-21
60	Use of Technology in Agriculture Based Enterprise Development	SOB	National	24-Sep-21	24-Sep-21
61	Farm to Fork - Blockchain Enabled Supply Chain	SOB	National	24-Sep-21	24-Sep-21
62	Farm Acts, 2020 - An Initiative for Having Seamless Supply Chain of Agricultural Produce	SOB	National	24-Sep-21	24-Sep-21
63	Independently Marketing Agriculture Products Online Using Mobile	SOB	National	24-Sep-21	24-Sep-21
64	Online Digital Tool to Help Consumers in India	SOB	National	24-Sep-21	24-Sep-21
65	Changing Dynamics in Food Industry Through Digitalization	SOB	National	24-Sep-21	24-Sep-21
66	FDP on Teaching and Learning for Law Faculty	SOLS	National	18-Jul-22	18-Jul-22
67	Workshop on Technology Based Entrepreneurship Development Program (TEDP)	SOLS	National	18-Oct-21	20-Oct-21

GUEST LECTURES

S. No.	Program Title	School	From Date	To Date	Total Participants
1	Gourav Rakshit, COO Viacom 18 Digital for OTT Platforms and Media Business	SOMM	15-May-22	15-May-22	47
2	Gulshan Varma, CEO JioAds OTT Platforms and Media Business	SOMM	2-Jun-22	2-Jun-22	47
3	Capt. Dharam Veer Singh Motivational Lecture	SOHST	16-Aug-21	16-Aug-21	45
4	Dr. Kunal Nepali (Assitant Professor, Taipei Medical University, Taiwan) Rational Drug Delivery for Glioblastoma	SOHST	25-Sep-21	25-Sep-21	75
5	Prof. M N V Ravi Kumar (Founding Director, Center for Convergent Bioscience and Medicine, The university of Albama) Dr. Manish Gupta (Associate Professor, School of Health Sciences & Technology, UPES, Dehradun) Importance of Quality Research in Healthcare Sciences	SOHST	23-Oct-21	23-Oct-21	85
6	Prof. V K Kapoor (Professor, Shoolini University, Solan, India) Role of Natural Products in Drug Discovery	SOHST	25-Feb-22	25-Feb-22	80
7	Visiting Classes for ADE for Transportation Design	SOE	10-Jan-21	10-Jan-21	10
8	Visiting Classes for ADE for Transportation Design	SOE	9-Mar-21	9-Mar-21	10
9	Sustainable Lecture Series: Prof. Sudip Mitra	SOE	12-Apr-21	12-Apr-21	50
10	Visiting Classes for ADE for Transportation Design	SOE	20-Aug-21	27-Aug-21	10
11	PHY Layer Mobility Aspects in the Performance of Wireless Communications by Dr. Prabhat Sharma, VNIT Nagpur	SOE	6-Sep-22	6-Sep-22	38
12	Visiting Classes for ADE for Transportation Design	SOE	17-Sep-21	17-Sep-21	10
13	Visiting Classes for ADE for Transportation Design	SOE	24-Sep-21	24-Sep-21	10
14	Sustainable Lecture Series: Prof. Damia Barcelo	SOE	30-Sep-21	30-Sep-21	50
15	Sustainable Lecture Series: Dr. Nirupama Gopalswami	SOE	24-Oct-21	24-Oct-21	50
16	Sustainable Lecture Series: Prof. Methithika	SOE	29-Dec-21	29-Dec-21	50
17	Power System Frequency Control and its Cyber Security by Dr. H. H. Alhelou, Monash University, Australia	SOE	19-Jan-22	19-Jan-22	42
18	An Excursion Through Wonderful World of Fiber Optics by Prof. Vipul Rastogi, IIT Roorkee	SOE	26-Feb-22	26-Feb-22	41
19	Margdarshak - Alumni Connect - Session 1	SOE	19-Feb-22	19-Feb-22	76
20	Margdarshak - Alumni Connect - Session 2	SOE	12-Mar-22	12-Mar-22	36

S. No.	Program Title	School	From Date	To Date	Total Participants
21	MechTalk - Sachin Patidar, Daimler Truck Innovation Centre India	SOE	27-Mar-22	27-Mar-22	70
22	MechTalk - Squadron Leader S S Mythraye, IAF	SOE	11-Apr-22	11-Apr-22	70
23	MechTalk - Dr. Rohan Prabhu, Lafayette College, USA	SOE	16-Apr-22	16-Apr-22	39
24	Sustainability Research Colloquium: Dr. M Govarthanan	SOE	23-May-22	24-May-22	50
25	Sustainable Lecture Series: Dr. Ashok Pandey	SOE	6-Jun-22	9-Jun-22	50
26	Aerodynamics for B.Des. TD Final Year Students	SOD	9-Apr-21	9-Apr-21	26
27	Vehicle Standards for B.Des. TD Final Year Students	SOD	9-May-21	9-May-21	26
28	IPR Laws by School of Law for B.Des. TD Class	SOD	9-Aug-21	9-Aug-21	26
29	Typecraft Workshop with Master Craftsman Kastura Ram	SOD	10-Aug-21	10-Aug-21	25
30	Vehicle Graphics for TD Students	SOD	31-Aug-21	31-Aug-21	15
31	Sustainability in Craft	SOD	16-Dec-21	16-Dec-21	30
32	Masterclass with Amit Patankar on Transportation Design and Interior spaces.	SOD	7-Mar-22	7-Mar-22	125
33	Online Master Class on Futuristic Automotive by Dan Stuges - Co Founder Acorn, USA	SOD	29-May-22	29-May-22	100
34	Leadership & Teamwork II	SOLS	19-Feb-22	19-Feb-22	500
35	Leadership & Teamwork I	SOLS	26-Mar-22	26-Mar-22	600
36	Working with Data	SOLS	7-Jun-22	7-Jun-22	35
37	Thought Leaders for a Just and Sustainable Future	SOLS	7-Jun-22	7-Jun-22	40
38	Workshop on Business Model Canvas	SOB	11-Jul-21	11-Jul-21	150
39	Low Carbon Technology Transfer in India	SOB	13-Aug-21	13-Aug-21	150
40	Issues Faced by Inbound Foreign Students	SOB	21-Sep-21	21-Sep-21	150
41	Mr. Rishindra Vikram Singh-Topic - Rights of Buyer's in the Real Estate	SOL	9-Apr-22	9-Apr-22	20
42	Adv. Vivek Ranjan, Practicing advocate at the Supreme Court of India	SOL	30-Jun-22	30-Jun-22	60+
43	An Overview of Socio-Legal Research by Dr. Jane Eyre Mathew	SOL	30-Jun-22	30-Jun-22	60+
44	Mr. Prakhar Khanna, Associate, Synergy Partners delivered Lecture on "Scope of Interference by Courts in Contracts having Arbitration Clauses".	SOL	30-Jun-22	30-Jun-22	60+
45	Mr. A. K. Lal, IFS (Retd.)	SOL	30-Jun-22	30-Jun-22	60+

S. No.	Program Title	School	From Date	To Date	Total Participants
46	Wing Commander R.K.Chouhan	SOL	30-Jun-22	30-Jun-22	60+
47	'Jurisdiction of the Supreme Court' by Learned Jewel Chanda, Judicial Magistrate, West Bengal Judicial Services	SOL	30-Jun-22	30-Jun-22	60+
48	<p>Speaker: Mr. Abhay Pratap Singh, Former Civil Judge cum Judicial Magistrate, Haryana, Former Assistant Professor, Faculty of Law, University of Delhi, Founder APS Judicial Academy, Discussed</p> <ul style="list-style-type: none"> • Law relating to Bail, Framing of Charge and different kinds of Trials and the Legal Developments in these areas. • Nuances of the procedure relating to grant/denial of bail to an accused, anticipatory bail, etc. and the Bail jurisprudence evolved by the Apex Court of India. • Provisions relating to framing of Charges against the Accused. • Different trial procedures to be taken by the different courts in India like Trial of Warrant cases, Trial of Summons Cases and the Sessions Trials. 	SOL	30-Jun-22	30-Jun-22	175
49	Dr. Niyati Pandey, Assistant Professor, Gujarat National Law University	SOL	30-Jun-22	30-Jun-22	60+
50	Learned Jewel Chanda, Judicial Magistrate, WBJS	SOL	30-Jun-22	30-Jun-22	60+
51	Dr. Mamta Rana (Prof.) Central University Garhwal.	SOL	30-Jun-22	30-Jun-22	60+
52	Justice Sanjeeb Panigrahi on the Topic 'Constitutional Vision of Justice'	SOL	30-Jun-22	30-Jun-22	60+
53	Dr. Jane Eyre Mathew, Assistant Professor, Amity University, Noida on Topic 'An Overview of Socio-Legal Research'	SOL	30-Jun-22	30-Jun-22	60+
54	Ms. Gunjan Saxena - 'Designing Commercial Contracts' and Mr. Hartej Singh Kochher - 'Commercial Transactions in Differentiating World'	SOL	30-Jun-22	30-Jun-22	60+
55	Mr. Ayush Khandelwal, Senior Associate and Solicitor, TRD Associates, Mumbai on Topic 'Recovery Laws And Mechanisms and Corporate Fraud' Mr. Siddharth Bapna - Advocate, High Court of Rajasthan on 'Winding Up Mechanisms in Corporate Law Framework'	SOL	30-Jun-22	30-Jun-22	60+
56	Ms. Manuj Bharadwaj on 'Trade in Times of Covid 19 Pandemic' and Mr. Vikram Raghavan on the topic 'Ukraine Russia Conflict'	SOL	30-Jun-22	30-Jun-22	60+
57	Mr. Saurabh Tiwari, Assistant Legal Manager, HDFC Ltd. spoke on 'Evolution of IBC During Covid Times and its Impact on Company and Banking Sector'	SOL	30-Jun-22	30-Jun-22	60+
58	Mr. Kartikeya Sharma, Advocate High Court of Rajasthan. Topic: 'Corporate Governance and IBC'	SOL	30-Jun-22	30-Jun-22	60+

S. No.	Program Title	School	From Date	To Date	Total Participants
59	Dr. Priya Vijay, Assistant Professor, NUSRL Ranchi. Topic: 'WTO and Dispute Settlement'	SOL	30-Jun-22	30-Jun-22	60+
60	Dr. Prashant Shambhu Dayal Rawat Topic: 'Basics of Nuclear Science, Technology, Radiation and Motivation for Nuclear Energy (Fuel Cycle and Electricity Production)'	SOL	30-Jun-22	30-Jun-22	60+
61	A Class by Dr. Priya Vijaya, Assistant Professor, NUSRL Ranchi	SOL	30-Jun-22	30-Jun-22	60+
62	Dr. Koushik Bagchi, Assistant Professor (SG) NUSRL RANCHI on Topic: 'Importance of Corporate Restructuring in Economy'	SOL	30-Jun-22	30-Jun-22	60+
63	Dr. Afkar Ahmad, Associate Professor, GD Goenka University Gurgaon. Topic - 'Corruption Act in India: A Critical Appraisal'	SOL	30-Jun-22	30-Jun-22	60+
64	Classes taken-First By Mr. Prakhar Ganguli, Alumni, Second by Mr. Tushar Behl, Associate, L&L Partners	SOL	30-Jun-22	30-Jun-22	60+
65	3 Classes by Mr. Shivam Joshi, Research Scholar From SOB and 1 Class by Dr. Upendra Nath Assistant Professor, Delhi University	SOL	30-Jun-22	30-Jun-22	60+
66	Mr. Ayush Khandelwal, Senior Associate and Solicitor, TRD Associates Mumbai on Topic: 'Recovery Laws and Mechanisms And Corporate Fraud'; Mr. Siddharth Bapna - Advocate High Court of Rajasthan on 'Winding Up Mechanisms In Corporate Law Framework'	SOL	30-Jun-22	30-Jun-22	60+

VALUE ADDED PROGRAMS / FACULTY DEVELOPMENT PROGRAMS / TRAININGS

S. No.	Program Title	School	Type	From Date	To Date	Total Participants
1	AadiShakti - The Women Club of Computer Science	SOCS	Club Launch	8-Mar-22	Running	15 Female Faculties
2	Online Short Term Skill Development Training Program on Python for Industrial Innovation & Scientific Research	SOCS	Trainings/Faculty Development Programs	8-Apr-22	22-Apr-22	57
3	DeStress - Managing Stress and Anxiety During Exam	SOCS	Open Discussion	26-Apr-22	26-Apr-22	100+
4	IPR Training Programme	SOE	FDP on IPR Training	30-Mar-22	31-Mar-22	300+
5	Funding Opportunities and Project Writing	SOE	FDP	4-Apr-22	4-May-22	100

S. No.	Program Title	School	Type	From Date	To Date	Total Participants
6	Tata Power Training provided by Dr. N B Soni and Dr. Vibhu Jatly	SOE	Training	3-May-22	3-May-22	39
7	Research Methodology	SOB	National	7-Jul-21	11-Jul-21	100
8	Qualitative Tools and Techniques	SOB	National	21-Jun-22	25-Jun-22	70
9	Machiavelli's Prince: Should a Leader be Loved or Feared?	SOLS	FDP	29-May-22	29-May-22	33
10	Life Skills	SOL	FDP in Collaboration with All India Council of Technical Education	7-Aug-21	11-Aug-21	85
11	Research Methodology Workshop in Legal Research	SOL	National	15-Nov-21	23-Nov-21	50 Faculties
12	One Week Faculty Development/ToT Programme on 'Disaster Management' was organised by National Institute of Disaster Management (NIDM) Ministry of Home Affairs, GOI & University of Petroleum & Energy Studies, Dehradun, Uttarakhand.	SOL	National	22-Nov-21	26-Nov-21	130
13	Developing Legal and Policy Framework for Private Forestry: Global Experiences for Application in India	SOL	National	13-Sep-21	17-Sep-21	33 IFS Officers
14	Blackboard Training by Ramna Walia	SOMM	Training	1-Aug-21	1-Aug-21	11

ACADEMIC COLLABORATIONS

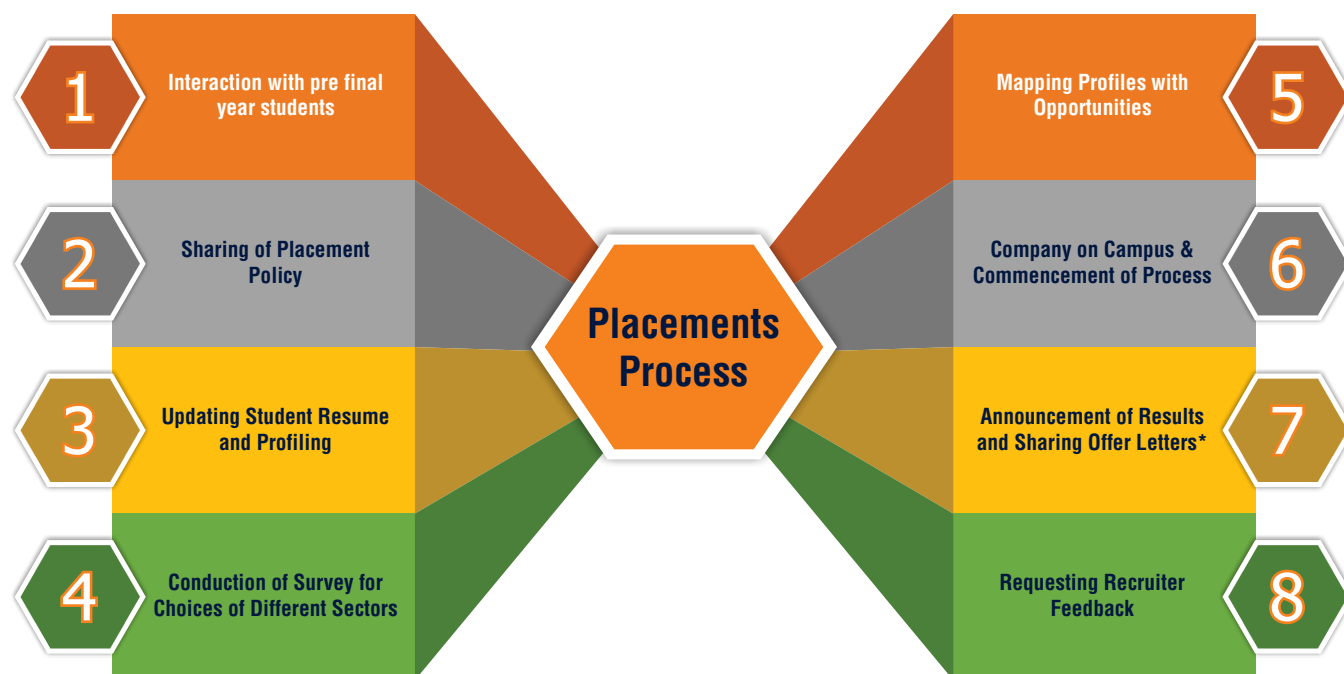
NATIONAL / INTERNATIONAL MOU

S. No.	MoU with	Contract Date	Detail Activity
1	Reiche Tay Pte Ltd.	15-Sep-21	Research, Projects, Ventures, Publications etc. jointly in the areas of Material Sciences, Engineering & Health Sciences
2	Oil India Limited	17-Sep-21	UPES to carry out Research & Development work for Oil India Limited and Collaborative Research on various fields of mutual interest by both
3	IED - Instituto Europio Di Design S.p.a.	18-Oct-21	To evaluate a possibility of a Reciprocal Collaboration that could be sustained in the fields of academics, cultural and scientific activities
4	I-nable Solutions Pvt. Ltd.	16-Nov-21	To avail Training & Consulting Services for University
5	Drishti Eye Institute, Dehradun	24-Nov-21	To promote activities based on their respective academic and educational needs
6	CSIR-IMMT	2-Dec-21	Cooperation to promote collaborative research, exchange of knowledge, technical know-how and mentoring between the two institutions in the field of mutual interests
7	Merck Life Science Pvt. Ltd.	13-Dec-21	Joint initiatives for Scientific Skill Development of UPES students through Trainings, Workshops and Certificate Courses
8	AIIMS Rishikesh	13-Dec-21	To encourage exchange of academic information & materials to enhance educational processes and research at both universities through Student, Scholars & Faculty Exchanges, Conferences & Internships
9	Semi Conductor Laboratory, Dept. of Space	31-Jan-22	Collaboration for Research & Development and Faculty & Students Exchange, etc.
10	Consortium of National Law Universities	8-Feb-22	To utilize the UG-CLAT-2022 and the PG-CLAT-2022 scores for the purpose of admissions during the 2022-23 Academic Year in UPES
11	RevSportz	15-Feb-22	Explore possibilities to carry out work in the field of Sports, Media as partners with UPES as Academic Knowledge Partner & as Joint Collaborator.
12	Forest Research Institute	11-Mar-22	To facilitate curriculum enrichment, to identify mutual collaboration opportunities towards sustained development of entrepreneurial skills and education for India in the field of Crafts & Forestry Products
13	Multi Commodity Exchange of India Ltd (MCX)	30-Mar-22	FDPs, Research Programs, Seminars, Conferences & Conclaves. Conduct 'MCX Commodity Exchange (MCCP) Certification Program', etc.
14	CompTIA, Inc.	1-Apr-02	Collaboration involving the offering of CompTIA Cyber Security courses and CompTIA certifications to be delivered by faculty members of UPES to students of UPES
15	ZEON Lifesciences Ltd. Poanta Sahib	6-Apr-22	Academic Exchange, Research & Collaboration for Higher Education UG/PG/ PhD programs through UPES-CCE etc.

S. No.	MoU with	Contract Date	Detail Activity
16	Dolphin PG Institute of Biomedical & Natural Sciences	20-Apr-22	Academic Collaboration
17	Government Doon Medical College, Dehradun	21-Apr-22	Academic Exchange, Research & Internships etc.
18	Samagra Shiksha Uttarakhand	22-Apr-22	Setting up of LEARNSHAALAS in 04 Primary Schools under Sahaspur Block to make learning a joyful experience for the young ones
19	Indian Cinema Heritage Foundation	15-May-22	Explore Opportunities to work together on Projects, Programs, Activities & Events in the field of Art, Culture, Cinema & Literature for advancement of Common Objectives.
20	Confederation of Indian Industry (CII)	22-May-22	CII to enroll 250 UPES students in its Young Indians (Yi) initiative formed with an objective of creating a platform for Young Indians to realize the dream of a developed nation.
21	ECAM-EPMI Graduate School of Engineering, Paris	9-Jul-21	Collaborative activities in Academics & Research
22	Ecole Nationale Supérieure de Mécanique et des Microtechniques, France	19-Jul-21	Collaborative activities in Academics & Research
23	Reiche Tay Pte. Ltd	15-Sep-21	Academic Exchange, Research & Internships etc.
24	University Canada West, Vancouver - Canada	7-Jan-22	Collaborative activities in Academics & Research
25	Ecole Pour L'Informatique ET LES Techniques Avancées (EPITA), France	6-May-22	Exchange MOU - Students & Staff
26	Ecole Pour L'Informatique ET LES Techniques Avancées (EPITA), France	6-May-22	Collaborative activity in academics and research
27	Assam, Don Bosco University	16-Jun-22	Exchange Activities & Collaborative Research, etc.
28	Western Norway University of Applied Sciences (HVL), Faculty of Business Administration	22-Jun-22	Academic Collaboration - International
29	Value Creed Consulting LLP	22-Jun-22	Academic Collaboration
30	Indira Gandhi National Centre for The Arts, New Delhi (An Autonomous Trust of Ministry of Culture, Govt. of India)	22-Jun-22	Academic Collaboration
31	Uttarakhand Jal Sansthan, Dehradun	29-Jun-22	Initiation of Long - Term Project - "Improvement of the Energy Efficiency in the Drinking Water Supply of Uttarakhand"

PLACEMENT RECORDS

PLACEMENT PROCESS



TRAINING

ENHANCED DEVELOPMENT FOR GROWTH AND ENRICHMENT – EDGE

EMPLOYABILITY

- Identification of student's potential
- Working as a platform for bridging the gap between students and Corporates
- Training / Assessment / Aptitude / Soft Skills / Guest Lectures / Industry and Alumni Interaction

EXAM PATHWAYS

- Encouraging students to opt for higher education to contribute to nations' knowledge pool
- On-campus facility for coaching by the Leaders in the market

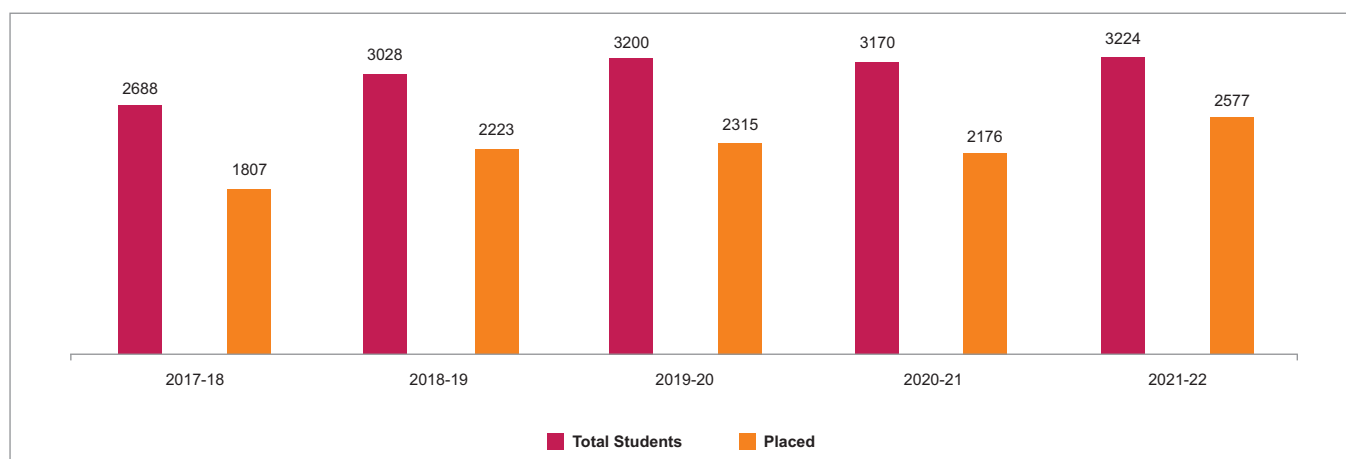
ENTREPRENEURSHIP

- Interlink for the enthusiastic talent
- To prepare them to explore new horizons in the form of their own ventures - Suggest / Support / Sponsor

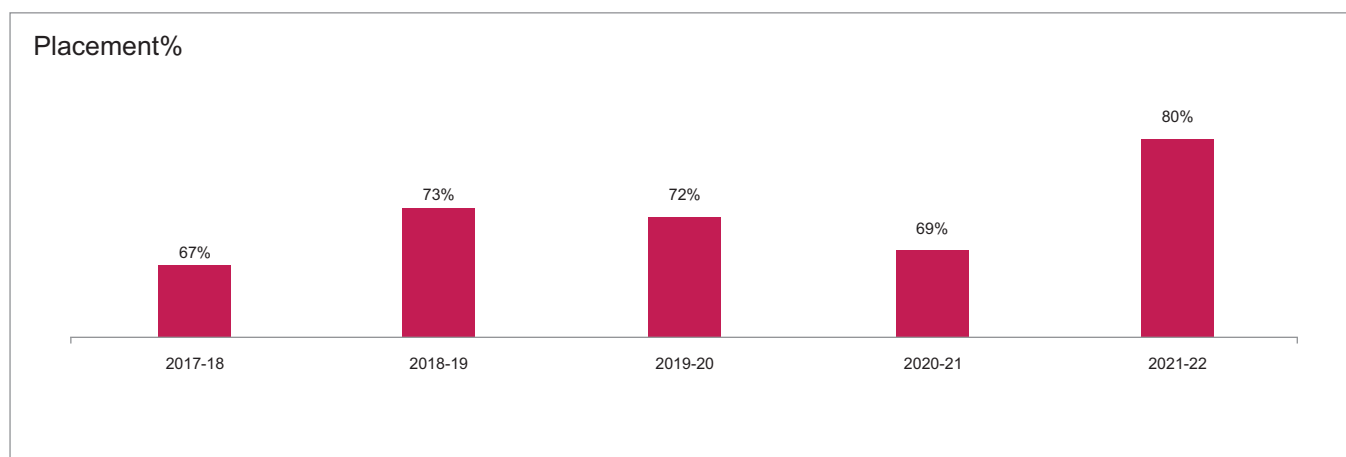
INDUSTRY ENGAGEMENT / CONNECTIVITY PROGRAM

List of trainings conducted	Name of the Scheme	Number of students appeared in the Career Counselling activities	Number of students benefitted by Career Counselling activities
School of Computer Science	Training Aptitude by HITSbullseye (Training Partner) Assessment (Domain and HR by CoCubes)	982	909
School of Engineering		898	781
School of Business		266	255
UPES Final Year and Pre-Final Students	Masterclasses from Industry Experts	5911	2577
	Mock Interviews (PI and GD) by In-house team of Trainers	5911	2577
	Alumni Interaction	5911	2577

PLACEMENT STATISTICS

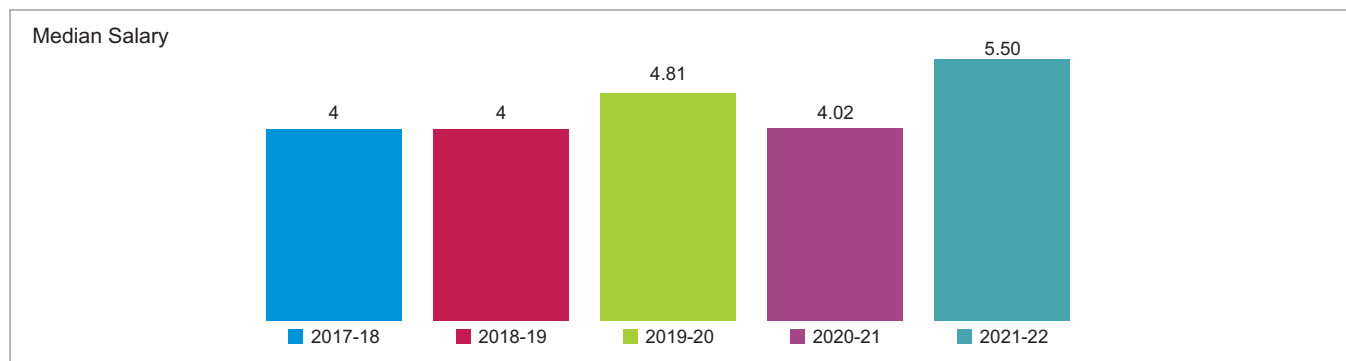


Total number of students placed in last 5 years

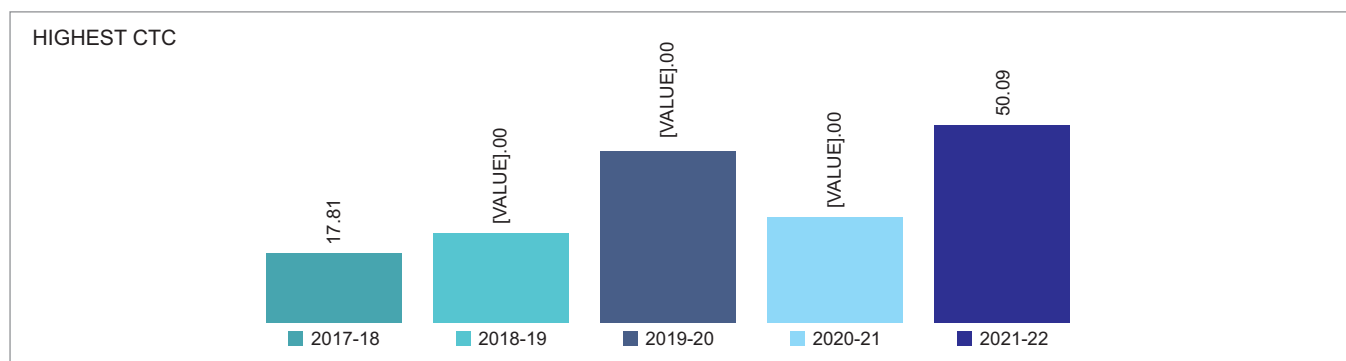


Percentage of students placed in last 5 years

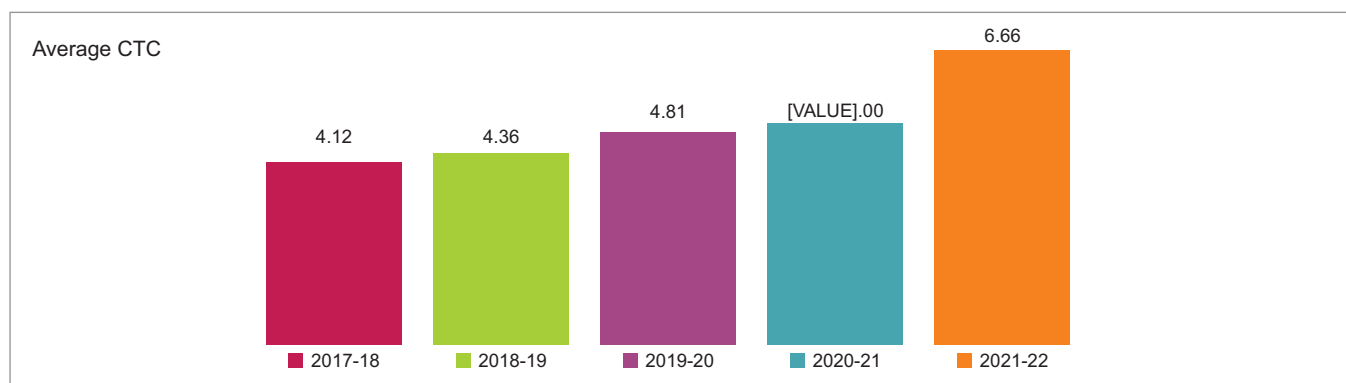
INCREASE IN SALARY OVER THE YEARS



Median Salary of students placed in last 5 years



Highest CTC in last 5 years



Average CTC in last 5 years

SCHOOL WISE PLACEMENT RECORDS

Name of School	Under Graduate	Post Graduate	Grand Total
School of Business	205	261	466
School of Computer Science	904	5	909
School of Design	98	13	111
School of Engineering	631	150	781
School of Law	291	0	291
School of Health Sciences& Technology	3	16	19
Grand Total	2132	445	2577

DREAM OFFERS / SUPER DREAM OFFERS

School	Other Offers	Dream Offer	Super Dream Offer	Grand Total
School of Business	386	52	28	466
School of Computer Science	501	156	252	909
School of Design	83	18	10	111
School of Engineering	695	63	23	781
School of Law	281	9	1	291
School of Health Sciences & Technology	19	0	0	19
Grand Total	1965	298	314	2577

Dream Offer: CTC >7.50 Lakh, Super Dream Offer: CTC >10 lakhs

LIST OF COMPANY VISITED

1st Main	Advocate Chandeswar Tiwary
3 Pillar Global	Advocate H N Singh High Court Allahabad
3i Infotech	Advocate Himanshu Mishra
6Wresearch	Advocate Isharat Khan
AARC Partners	Advocate Koustubh Pathak
Aarti Industries	Advocate Mohd. Salim mansoori
ABPS Infrastructure Advisory Private Limited	Advocate Nikhil Tiwari
Abrao Group	Advocate Prubjyot Singh Sidana
Accenture	Advocate R.S Panwar & Associates
Accenture ATCI	Advocate Raghunandan Singh Kanawat
Accenture-Strategy & Consulting	Advocate Rahul Kamekar
Accolite Digital	Advocate Saeed Khan
Accorian	Advocate Sandeep Shrivastava
Acro Paints	Advocate Sanjay Srivastava & Associates
Acuity Knowledge Partners	Advocate Satya priya mishra
Adani Connex	Advocate Shubham Singhal
Adani Group	Advocate Shubham Srivastava
Additional Advocate General Desh Raj Thakur	Advocate Sunil Dalal
Additional Advocate General of Madhya Pradesh	Advocate T.P.S. Takuli
Adenza	Advocate Tanya Shree
Adhrit Legal	Advocate Varun Gupta (Indure Private Limited)
Aditya Birla Retail (The Collective and Mono Brands)	Advocate Vishal Sharma
Adobe	Advocate Yashraj Bardhan
Adpushup	Advocates Shashi Pandit, Vipin Pandit & Atul Pandit
Advantage Club	AG&P
Advaya Legal	AGA Associates
Advocate Amarjeet Singh District Courts Kaithal	Agri Joy
Advocate Amit Mittal	AIR India Sats
Advocate Anurodh Tripathi	AIRA Consulting Private Limited
Advocate Bhavesh D. Trivedi	AirAsia India Limited

Airbus	Aumyaa Consultancy Services
Airtel	Aviotron Aerospace Pvt Ltd
AIS India	AVL India Pvt. Ltd.
AKS Information Technology Services Pvt. Ltd	Axis Bank
ALA Legal-Advocates and Solicitors	Axtria
Alaya Legal	Bake Brown Bakers
Alfa Laval India Pvt. Ltd.	Barclays India
Allied Engineers	Base Camp Skill Labs
Allstate India	Baunthiyal Path Labs
Alok Mohan Upadhyay Advocate High Court Lucknow	Bechtel India Private Limited
Alstom India	Behear
Altimetrik India Pvt. Ltd.	Bell Energy
Amazon	Benzara E-Commerce India Pvt Ltd
Ambey Cold Storage	Berger Paints India Ltd.
American Express	Beroe Consulting (I) Pvt. Ltd.
Amicus -Advocates & Solicitors	Bhagyalaxmi Dairy Farms Pvt. Ltd. (Parag Milk)
Amit Srivastava Advocates & Associates	Bharati Robotic Systems
Amit Trading Company	Bharti Law Chamber (office of Justice Bharat Bhushan Parsoon)
AMRG Associates	Bhushan Powar Design
Anand Group India	BIBA Apparels Pvt. Ltd.
Anandpurna Ventures Private Limited	Birlasoft
Ankit Bishnoi & Associates	BIS Research
ANM Services India Pvt. Ltd	Blazeclan Technologies Pvt. Ltd.
AP & Partners	Blue Conch Technologies
Apisero Global Integration Solutions Pvt Ltd	Blume Global India Pvt. Ltd.
Apna Muneem Pvt Ltd	BMC Software India Pvt Ltd
Apps for Bharat	BMR Legal
APRA & Associates	Boeing India Private Limited
Apraava Energy	Bolster Legal
Arcelor Mittal Nippon Steel India	Brillio
Archer & Bull	B-School Bulls
Areness Legal	BT Group
Argusoft	BTMG Advisors India Pvt. Ltd. (Better.com)
Arihant Publications	BugendaiTech
Arizton Advisory & Intelligence	Builder.ai
ArmorCode	Bullseye Cargo Pvt. Ltd.
Arrka	Cairn Oil & Gas-Vedanta Limited
Artech Infosystems Pvt Ltd	Canara HSBC Oriental Bank of Commerce Life Insurance Co. Ltd.
Arthdrishti Finance & Technology Private Limited	Capgemini Technology Services India Ltd.
ASC Legal	Career mantra
Ashlar Law	CareerNet (TiVo Tech Private Limited an Xperi company)
Asian Energy Services Limited	Cargo Motors Pvt. Ltd. (a MG Motor Dealer)
Asian Paints	Carrus Mobility Pvt. Ltd.
Askr Lexis LLP	Casewell
Aspen Vacations	CBRE South Asia Pvt. Ltd.
Atotech India Private Limited	Ceasefire

Celebal Technologies	Complinty Technologies Private limited
Centilytics	Confederation of Indian Industry
Cerebrati Consulting Pvt. Ltd.	Consultadd
Cerebro Team	Contact Point 360
CGI	ConveGenius Digital India
Chadha & Chadha IP attorneys	CP Milk and Food Products Pvt. Ltd.
Chamber of Advocate Rahul Agarwal High Court Allahabad	Cradle Point
Chamber of Advocate S.K. Mishra at Allahabad High Court	Credgenics (Analog Legal Hub Technology Solutions Private Limited)
Chamber of Advocate Sandeep Kumar Mahapatra	Crescendo Global
Chamber of Arvind Kumar Jauhari	CRM Next
Chamber of Deepesh Joshi	Crossbow Labs
Chamber of Kaustubh Shukla	CTLP Associates
Chamber of Nandkumar Sahu	Cubastion Consulting
Chamber of Pavitra Narayan	Cvent
Chamber of RK Verma	CX100 Company
Chamber of Advocate D. Kumanan	CyberSRCC
Chamber of Advocate Mahender Singh	Cybertech Systems & Software Ltd.
Chamber of Devanand Rai	Cyfuture India
Chamber of Himanshu Thakur	Cyware Labs
Chamber of M M Mishra	Daawat Foods Ltd.
Chamber of S.A. Khan	Daimler Truck Innovation Center India (DTICI)
Chamber of Sachin Midha	Data Bridge Market Research
Chamber of Sanjeev Kumar	DataGrokr Analytics Private Limited
Chamber of Swapnil Sharma	DataM Intelligence
Chamber of Vaibhav Dixit	Dayjoy Marketing Pvt. Ltd.
Chamber of Vaibhav Jain	Decision Tree Analytics & Services (P) Ltd
Chamber of Vimlesh Kumar Rai	Degpeg
Chamber of Virendra Prasad	Dell Technologies
Chanakya "The Brain" Advocates & Solicitors	Deloitte Consulting India Pvt. Ltd.
Chandel Law Firm	Deloitte Risk & Financial Advisory (USI)
Charter Global Technologies Pvt Ltd.	Deloitte Touche Tohmatsu India LLP
Chaudhary Charan Singh Law Chambers	Denave India Pvt. Ltd. (Shell India)
Chess Management Services Private Limited	Desmania Design Private Limited
Chhattisgarh High Court	Dev Sharma and Associates (Advocates and Consultants)
Cholamandalam MS Risk Services Limited	Devang Processors
CISCO	Devershi Thakur and Associates
CJ Darcl	Dhir & Dhir Associates
Classplus	Digambar Singh Negi & Associates
Cloud Analogy	Digital Age Retail Private Limited (Firstcry.com)
Cloud Mentor	Digital Jalebi
Codestore Technologies	Dr.Reddy's Laboratories Ltd.
Coforge Limited	Dstech Cyberspace Private Limited
Cognizant Technology Solutions	DVT Solutions LLP
Cogo Freight Pvt. Ltd. (Cogoport)	DXC Technology
Commercial Law Chambers	Easemytrip
Commvault System	Ecosense Appliances (Sanjay Group)

Edelweiss Wealth Management	Genesis Ray Energy
Ediplis Counsels	Genpact
EduKyu	Geo Ark
Eka Software Solutions Pvt. Ltd.	GEP Worldwide
Elucidata	GetBasis Private Limited
Elysian Design	Ghanshyam Metal Industries
Emcure Pharmaceuticals Limited	Ghaziabad Precision Products Pvt. Ltd.
Emergent Ventures (EVI)	Ghiya Legal
Emerson Information Technology Solutions	Glencore
Empire Industries Ltd.	Global Content Transformation Pvt. Ltd. (Aptara)
Empor	Global Market Insights Research Pvt. Ltd.
Enverus	Globiva Services Private Limited
Epitome Geotechnical Services Private Limited	Gold Plus Goup
Erudebox Learning Pvt ltd	Goldstone Technologies Limited
ESRI	Gopal Seeds
ETI & CO.	Gracious Legal
Evalueserve	Grand View Research
Evoke Technologies	Grant Thornton
Evosys Global	Grasim Industries (Aditya Birla Groups)
EXL Analytics	GravEiens Edu Services Pvt. Ltd.
ExxonMobil	Gravitas Legal
EY India	Grownbury Pharmaceuticals Pvt. Ltd.
EY-GDS	GTS Telecom Services (I) Pvt. Ltd.
Fendahl Technology	Gujarat State Petronet Limited
Filo	Guljag Industries Limited
Fin Leaf Consultants	Gulnath Industries LLP
Fincare Small Finance Bank	Gupshup Technology
FinEdge Advisory	H.R. Law Chamber
FIS Global Business Solution India Pvt. Ltd	Haier Appliances India Pvt. Ltd.
Flipkart	Haldia Petrochemicals Ltd.
Fly Go First (Go Air)	Haldor Topsoe
Ford Motors Pvt. Ltd.	Halliburton
Forte Legal	Hanu Software
Foundation Futuristic Technologies (forensicsguru)	Haridwar Infrastructure Pvt. Ltd.
Freecharge	Harish Narang & Associates
Frontrow (Splashstar Technologies Pvt. Ltd.)	Harman International (India) Private Limited
Frugal Testing	Harshit Batra & Associates
G.C Purohit & Associate's	HashedIn Technologies
GAD Fashions	HAVI
Gajju Technologies Pvt. Ltd. (Financepeer)	HBG Knowledge
Galytix	HCL Technologies
Ganit Business Solutions	Health Care at Home India Pvt. Ltd.
Gargieyas	Healthians
GATI KWE	Herbal Creations
GE Digital	Hestabit Technologies Pvt. Ltd.
Geetanjali Homestate Pvt. Ltd.	Hikae Projects Pvt. Ltd.

Hike Education	Iuris Legal
Hill Foundation Group of Education	J.S. Sengar & Associates
Hilti India Limited	Jaro Education
Hind Printers	Jeevansathi.com
Hinduja Housing Pvt. Ltd.	Jindal Stainless
Hindustan Unilever Limited	Jio Platforms Limited
Hitachi Vantara	JK Cement
HiTech iSolutions LLP	Johnson Matthey
Holcim Group	Joyce Law
HSA Advocates	JSW Shipping
Hughes Systique	JTG Business Software
Hyspace Technologies Private Limited	Jubilant Biosys
I School Connect	Jubilant Ingrevia Limited
IBM	Jumbotail Technologies Pvt. Ltd.
IC Universal Legal- Advocates & Solicitors	Juris Advocates& Solicitors
ID Tech	JyoSH AI Solutions Pvt. Ltd.
IDS Infotech Ltd.	K.B. Spun Pipes
IFB Industries	Kapoor Industries
IFP-Petro Products (P) Limited	Karan Knitwears
IGP MEDIVENTURES	Karyalaya Zila Basic Shiksha Adhikari, Rampur
IGT Solutions Private Limited	Kashyap Green Homes Pvt. Ltd.
IHS Markit	KEC International Ltd.
IMC Limited	Kent CamEye
INCEDO	Khemani Metal Industries Pvt Ltd
IND Innovation Pvt. Ltd.	Khyati Ispat Private Limited
Inde-Campus Accommodation DD1 Pvt. Ltd.	Kings Stubb & Kasiva
India Glycols Limited	Kissan Iron Works
Indian Airforce	KKL Partners
Indian Energy Regulatory Services	Kline & Company
Indian Oil Adani Gas Pvt. Ltd.	Knowlvers Consulting
Indo-German Pharmacia	Kompanero (ASG Leather Private Limited)
Indxx	Kongsberg Digital
Infopro Learning	Koo Apps
Informatica	Kosan Crisplant India Pvt. Ltd.
Infosys Limited	KPIT
Infyu Labs	KPMG
Inmovidu Technologies	Kronicle Research Private Limited
Innovacer	Kstar Financial Services Private Limited
Insolare Energy	Kuehne + Nagel Pvt. Ltd.
Intelligent Insights Pvt. Ltd. (Intin)	Kyndryl Global Technology Services
Intellipaat	L&T Technology Services (LTTS)
ION Group	Laguman Art
IRM Energy Limited	Lanya Chemical (India) Pvt. Ltd
ITC Ltd.	Larsen & Toubro
ITH Technologies Pvt. Ltd	Laxmi Consultancy
Iuris Jura	Lead squared

















Learning Routes	Microsoft India (R&D) Pvt. Ltd.
Legajoist - Advocates and Solicitors	Mindspright Legal
Legal Experts	Mindtree Ltd.
Legalpath Competent Lawyers LLP	Minmax Pharma
Leverage Edu.	Morae Services India Private Limited
Lex Ingenious	Mordor Intelligence
Lex Legisia Law Firm	Motherson Sumi Infotech & Designs Limited
LexComply	Mount Meru Group
Lexterrae	Mp Birla Group
Lexygen	MRI Software India Private Limited
LGC Petrochemical India Pvt. Ltd. (LG CHEM)	MRN Digital Services Pvt. Ltd.
LIBSYS Limited	MS Laxmi Consultancy
Lifecell International	MS Sethi Asscocities
Lifeworks	MSA Legal
Linde India Ltd.	MSL
Login Global	MSys Technologies Pvt. Ltd.
LogiNext Solutions Pvt. Ltd.	MX Player
Loves Cloud Private Limited	MyCaptain - The Climber
LTI-L&T InfoTech	Nagarro
Luhaif Developers	National Commodities Management Services Limited
Lumina Datamatics	Naukri.com
Luthra & Luthra	Naveen Rice Industries
M9FX Studios Pvt Ltd (Digital Terrain)	Navikenz India Pvt. Ltd.
Maa Durga Legal Associates	Ncommunication
Machintel	NEC Technologies
Maestro Legal	Neophyte Consulting Services
Maha Luxmi Auto	Nerd Classes
Mahindra Comviva	Net SPI
Malbros Impex Pvt Ltd	Netsmartz
Manjeet Freight Carriers	New Era Academy
ManpowerGroup Services India Pvt. Ltd. (Kuehne + Nagel Pvt. Ltd.)	Newton Law Chambers
Mansarover Creation	NIIT Ltd.
Markets And Markets	Nineleaps
Marquis Technologies Pvt limited	Niti Bodh
Maruti Suzuki India Ltd.	Nitya Tax Associates
MB Power (Madhya Pradesh) Limited	nobroker.com
McDermott International Inc.	NPCI
MCube Advisors Private Limited	NRS Engineering
Mebonix Services	Nuberg Engineering Limited
MEESHO (Fashnear Technologies Private Limited)	Nuevo Lex Office
Megha Engineering & Infrastructures Limited (MEIL)	Numocity Technologies Pvt. Ltd.
Menon Verma LLP	Nykaa
Mercados Energy Markets India Private Limited	O.P. Sharma & Associates
Merkle Sokrati Technologies Pvt. Ltd.	Oceaneering International
Metalegal Advocates	Octro Inc.
Microns India	ODEX India Solutions Pvt. Ltd.

OnceHub	Rakuten India
Onmobile Global Limited	RateGain
OPTUM , UHG	RayMach Technologies
Oracle	RB Mathur and Associates
Otsuka Chemical	Real Time Data Services (RTDS)
OwlSurf Digital	Reliance Industries Limited
P&S Intelligence Pvt. Ltd.	Reliance Retail Ltd.
Padmini VNA Mechatronics Ltd.	Reskillll
Panamax Infotech Ltd	Resolut Partners
Panasonic Life Solutions India Pvt. Ltd.	Resonance Energy
Parallax Labs LLP	Revvlocity
Parishkar World	Riemen Solution Pvt. Ltd.
PaSyS Technologies	Rishabh Associates
PeopleSquare HR Consulting	Riskpro India
PeopleStrong Technologies Pvt. Ltd.	Riva Air Travel Pvt. Ltd.
Perennial Systems	Roofmates
Persol Kelly	Royal Enfield
Philips Carbon Black Ltd.	RRG & Associates
Phronesis Partners	RS Ornaments
PI Industries	RSA Legal Solutions
Pickyourtrail	RSM Delivery Center (India) Private Limited
Pierian Services	rtCamp
Pineyards Solutions Private Limited	S. S. Rana & Co.
PlanetSpark	S.K. Fabricators
PlaySimple Games	S.R Chadha Industries Limited
Pon Pure Chemical India Private Limited	Sabarmati Gas Ltd.
Poorit Goyal & Co.	Sachetan Knowledge Companions Pvt. Ltd. (Kompanions)
Posist Technologies Pvt Ltd	Sagus Legal
PPAP Automotive Limited	Saigal Seatrade Pvt. Ltd.
Pricoris LLP	Salesforce
Printtech India	Salvus Law Associates
Progress	Samsung R&D
PSL Advocates And Solicitors	Saraswat and Associates
Publicis Sapient	Saveo Healthtech Pvt. Ltd
Punj Llyod	Schneider Electric
Puri Associates	SCHOTEST
PwC	Science House Medicals Pvt Ltd
Pyramid IT Consulting Pvt. Ltd.	Seabird Logisolution Ltd.
Qdesq	Seal Trading Links LLP
Q-Line Biotech Private Limited	Sentini
QuEST Global Engineering Services	Sethi Motors (Maruti Authorised Service Centre)
QuisLex Legal Services Private Limited	SG Analytics India
R K Associates	Sgurr Energy
R K Infrastructure	Shadowfax Technologies Ltd.
Radiance Renewables	Sharma Project Eng (P) Ltd.
Rakesh Kumar Varshney & Associates (Tax Consultants)	SHC Technologies

Sheen Tex India	Tata ClassEdge
Shell India	Tata Consulting Engineers Limited
Shivganga Drillers Pvt. Ltd	Tata Croma
Shop Bonanza	Tata Electronics Pvt Ltd
Shree Laxami Engineering Company	Tata Power Company Limited
Shree Shyam Trans Logistics	Tata Projects Ltd.
Shri Ji Bitumen Traders	TATA Sia Airlines Limited (Vistara)
Shriram General Insurance Co. Ltd.	Tata Technologies Ltd.
Shwetabh & Associates	TCI Ltd.
Shyam Indus Power Solutions Private Limited	TCS
Shyamal Majumder Advocate Calcutta High Court	TDW Technologies Pvt. Ltd
Siemens Technology & Services Pvt. Ltd.	Teachnook
SigmaRed Technologies Inc.	Team Samrat Multiventure
Silicon Lab	Tech Destiny
Sinco India	Tech Jockey (SISL Infotech)
SiteRecon	Tech Mahindra
SkilloVilla	TechEra Knowledge and Careers Pvt. Ltd.
SKNJI Industries and Infrastructure	Techmihirnaik Group
Skolar	Technip Energies, Noida
Skye Air Mobility Private Limited	TechnipFMC
Sledgehammer Oil Tools Pvt. Ltd.	TechSci Research
Smartivity Labs Pvt. Ltd.	Tekie
SMS India Pvt. Ltd.	TekLink Software Pvt. Ltd.
SocialSnap	Tempus Law
Solar Square Group	Tequire Solutions Private Limited
Spade's Ace Productions Pvt. Ltd.	Thakran & Thakran
Sparrow Risk Management Pvt. Ltd.	The Chambers
Sparsh Cargo Pvt. Ltd.	The Solar Labs
Spice Route Legal	Think Gas
Spicejet Limited	Think Gas (Bagpat Green Energy Private Limited)
SS Associates	Thrillophilia
SSK Advocates & Solicitors	Thrivetribe Wellness Solutions Private Limited
Startoon Labs Pvt. Ltd.	TIBCO
Stock Market Mentor	TIP Knowledge Services Pvt. Ltd. (The Insight Partners)
Story Design	Titan Engineering & Automation Ltd.
Strategic Analysis India Pvt. Ltd.	TiVo Tech Private Limited (an Xperi Company)
Studio Carbon	Tiwari & Tiwari Law Offices
Successive Technologies	TLGS Consulting Services
Suez Water Technologies & Solutions	To The New
Sunstone Eduversity	TorcAI Digital Private Ltd.
Surya Food & Agro Ltd.	Torrent Gas Ltd.
SVN Enterprises Private Limited	Total Oil
SVS Industries	Trainer goes online
Synopsys Software Integrity Group	Transfunnel Consulting Pvt. Ltd.
Synoptek	Translab Innovations Private Limited
TATA Advanced System Limited	Transsystem Logistics International

Triveni Turbines	Vimaana Technology
TrueBlue India LLP	VITE Fintech
Turing	VMware Inc.
TÜV SÜD South Asia Pvt. Ltd.	Vutts & Associates LLP Advocates
uFaber Edutech Pvt. Ltd.	Wadia Ghandy & Co.
UKCA & Partners	WatchGuard Technologies India Pvt. Ltd.
Ultima Switchgears Ltd.	Waterfarmers Aquaponics
Unimrkt Research	Webenza India Pvt. Ltd.
United Airlines	Wiley mthree
University College London (UCL)	Wipro Limited
Uno Minda	Wobot Intelligence
Unocal Lubricants Ltd.	Worley
Unschool	Xebia
Upadhyay & Co. Advocates and Consultants	Xenon Stack
UpDater Services Pvt. Ltd. (UDS)	xero degrees
UPL Limited	Xiaomi Technology India Private Limited
UTI Mutual Fund	Xiarch
Va Tech Wabag Ltd.	Xp Wallet Technologies Pvt. Ltd.
Valley Culture	Xperi (CareerNet)
Value Creed	XYZ Ultimate Solutions
Valued Epistemics (GREedge)	Yamaha Motor Solutions India Pvt. Ltd.
Varroc Engineering	YuppTV
Vedic India	ZenOnco.io
Veeksha Law	Zensar Technologies Ltd.
Veolia India Private Limited	Zeon Lifesciences Ltd.
Veritas	Zeta
Verkko Management Consultants Pvt. Ltd.	Zeus Numerix Pvt. Ltd.
Verzeo	ZS Associates
Vesuvius India Limited	Zscaler
Vibrant Energy	Zucol
Victoriam Legalis	

SOME OF OUR ALLIANCES

STUDENTS SUPPORT AND EXTENSION ACTIVITIES

The Dean of Student Welfare Office (DSW Office) is conceptualized to foster all round development of UPES students. UPES understands that Extracurricular and Co-curricular activities are just as important as academics. Dean of Student Welfare Office closely works with students to ensure a wide range of initiatives and activities for engaging them throughout the academic year.

The office focuses as much on emotional well-being and mental health as it does on physical well-being through various activities such as Personal Counseling, Yoga & Meditation, etc.

The DSW Office maintains a special focus on personal values, making students appreciate cultural differences, and adapt to a diverse society.

MANDATE OF DEAN OF STUDENTS WELFARE OFFICE

- To serve as the first point of contact for students for any unheard issues.
- To develop, coordinate and run relevant prevention programs that help them become responsible citizens.
- To provide them a platform to exhibit their skills and talents, through the mode of various activities where like-minded people meet each other, exchange ideas, and develop into better human beings.
- To provide emotional support to the students in the form of personal counseling & mentoring and to help them identify personal values, appreciate differences, and adapt to a diverse society.

The Dean of Students Welfare Office encompasses the following areas:

STUDENT'S COUNSELLING: Offers a variety of Personal and Clinical Counselling and support to students in times of need.

- Personal Counselling:

- Home Sickness
 - Academic Overload
 - Relationship Problems
 - Exam Pressure
 - Peer Pressure
 - Attendance
 - Year Back
 - Adjustment Issue
- Clinical Counselling: UPES full-time Clinical Psychologist adopts a holistic approach and includes all domains of a student's life while providing group and one-to-one counseling. The counselor aids the students with problems of adjustment, temperament, anxiety, depression, and family & relationship issues. There are special sessions on gender sensitization, drug abuse, prevention of sexual harassment, and so on.
- We also have ties ups with hospitals and Psychiatrists in case the student needs any medical intervention or psychiatric help.

STUDENT CLUBS AND SOCIETIES

Student-run Clubs and Societies provide unique opportunities for networking, mentoring, and bonding over common interests. They provide support both within the student community and to local communities outside the institution. They also serve as a platform for students to showcase their talents & learn new skills.

School/Department/Cluster based Student Chapters* are intended to provide a platform through which students may share their special concerns and run programs for students and other members of the community with an interest in school/department-specific knowledge & information.

*These chapters are solely managed & run by the respective Schools/Departments/Clusters

SCHOOL WISE STUDENT DRIVEN CHAPTERS LIST

Sr.	School Name	Name of Student Chapter/ Clubs
1	School of Engineering	Society of Petroleum Engineers (SPE)
2		AAPG [American Association of Petroleum Geologist]
3		IEEE Student Branch - (CODE : STB 10991)
4		Infinity Space Club
5		UPES FIPI Student Chapter (Federation of Indian Petroleum Industry)
6		AEROCUB
7		SAE INDIA UPES Collegiate Club (Society of Automotive Engineers)
8		FSAI (Fire & Security Association of India)
9		American Society of Safety Professionals (ASSP) Student Section
10		UPES-AEE - Association of Energy Engineers
11		Green Up
12		American Society of Mechanical Engineers (ASME)
13		American Society of Civil Engineers Student Chapter (ASCE)
14		American Society of Safety Engineer (ASSE) - HSE
15		IICHe UPES Student Chapter
16		ASHRAE
17		UPES SEG Student Chapter (Society of Exploration Geophysicists)
18		ACE Chapter
19	School of Computer Science	UPES-CSA Student Chapter
20		Microsoft Technical Community
21		Computer Society of India (CSI)
22		UPES ACM - Student Chapter UPES ACM-W Student Chapter
23		UPES ACM - Student Chapter UPES ACM Student Chapter
24		Cyber Sentinel
25		United Club of Developers
26		Hypervision
27		Open Source
28	School of Law	Society of Law and Literature
29		Moot Court Assoc.

CULTURAL CLUB LIST

Sr. No.	Name of Cultural Clubs
1	Adventure Club
2	Art & Design Club
3	Film & Photography Club
4	Health & Wellness Club
5	Literary Club
6	Performing Arts - Dance
7	Performing Arts - Music (Vocals & Bands)
8	Performing Arts - Theater

EVENTS CONDUCTED

CULTURAL AND SOCIAL

The Cultural and Social side of UPES provides numerous opportunities for students to get involved, have fun, showcase their talents, and compete against other colleges in a variety of competitions. UPES under the aegis of Department of Dean, Student Welfare Office organizes various cultural event throughout the year

EVENTS LIST

Sr. No.	Title of the Activity Organized	Date of the Activity	Number of Participating Students
1	Excellence Award	25-Nov-21	234
2	Wow Wednesday	8-Dec-21	150
3	Chancellor's Cup	9-Dec-21	16 As Players & 1500 Plus as Supporters
4	73rd Republic Day	26-Jan-22	140
5	Wow Wednesday	2-Mar-22	235
6	Wow Wednesday	16-Mar-22	38
7	Road Traffic Safety Awareness Program	29 & 30 March 22	5000
8	Blood Donation Drive	11 & 14 April 22	1700
9	AAGAAZ - The Homecoming	22-Apr-22	6000

SPORTS ACTIVITIES

Sports play a pivotal role in shaping the mental and physical health of the students. Keeping in view the importance of sports in today's era and its importance in shaping individual's personality, health and fitness, the university lays considerable emphasis on students' participation in various games, sports and other physical activities. The university has a well-developed Sports Department under the aegis of Dean of Student Welfare Office which encourages students to participate in various sports activities.

Sr. No.	Title of the Activity Organized	From Date	To Date
1	UPES Cricket Team Trail	3-Dec-21	4-Dec-21
2	Monal Cricket Cup	21-Feb-22	28-Feb-22
3	Badminton	10-Mar-22	4-Apr-22
4	Chess	31-Mar-21	3-May-21
5	Basketball Trial	11-Apr-22	11-Apr-22

SCHOOL WISE STUDENT ACTIVITIES

Sr. No.	School	Program Title	Type of Activity	Date	Participants
1	SOCS	Azure Fundamentals Explained: A hands on Experience	Online	22-Jul-21	48
2	SOCS	Runtime Terror	Online	8-Sep-21	35
3	SOCS	TEDP	Online	4-Oct-21	15
4	SOCS	Funtopia 2.0	Online	11-Oct-21	77
5	SOCS	CSR UPES - CSA	Online	24-Oct-21	32
6	SOCS	Debate Competition	Offline	15-Nov-21	8
7	SOCS	Project Expo	Offline	7-Dec-21	56
8	SOCS	TECH-E-THON	Offline	15-Dec-21	49
9	SOCS	FDP 1.0	Online	15-Dec-21	20
10	SOCS	Pen It	Online	15-Jan-22	44
11	SOCS	Coding Event - UPES ACM & ACM-W/ OPEN Chapter/ Smartanalyzers	Online	15-Jan-22	70
12	SOCS	Coding competition on HackerRank	Online	22-Jan-22	22
13	SOCS	Hypervision - CSR	Online	22-Jan-22	80
14	SOCS	Hypervision - CSR	Online	29-Jan-22	82
15	SOCS	CSR Activity by ACE Student Chapter	Online	24-Jan-22	30
16	SOCS	CSR Event - UPES ACM & ACM-W	Online	30-Jan-22	60
17	SOCS	Capture the Flag	Online	8-Feb-22	60
18	SOCS	UPES CSI Hackathon 6.0	Online	11-Feb-22	145
19	SOCS	Hypervision Alumni Connect	Online	12-Feb-22	74
20	SOCS	Treasure Hunt	Offline	14-Feb-22	50
21	SOCS	Prodigy'22 - UPES ACM & ACM-W	Offline	20-Feb-22	134
22	SOCS	Ideathon	Offline	24-Feb-22	20
23	SOCS	Hackathon 1.0	Offline	25-Feb-22	150
24	SOCS	Treasure Hunt (Tech+Fun)	Offline	10-Mar-22	50
25	SOCS	Open Source Drive	Offline	19-Mar-22	45
26	SOCS	IEEE Sight Event	Offline	22-Mar-22	24
27	SOCS	Techvista (Idea Presentation)	Offline	27-Mar-22	42
28	SOCS	Hypervision - Technical event	Offline	1-Apr-22	44

Sr. No.	School	Program Title	Type of Activity	Date	Participants
29	SOCS	Triathlon (Brain Games eg., Chess)	Offline	12-Apr-22	40
30	SOCS	YUGMAK	Offline	14-Apr-22	130
31	SOCS	Coding Event - UPES ACM & ACM-W/ OPEN Chapter/ Smartanalyzers	Offline	20-Apr-22	56
32	SOCS	Coding competition on HackerRank	Offline	23-Apr-22	20
33	SOCS	Hypervision-Fun event	Offline	25-Apr-22	38
34	SOCS	Investiture	Offline	3-Jun-22	25
35	SOHS	Nutrition Month	Online	1-Sep-21	140
36	SOHS	Pharmacist day	Offline	25-Sep-21	80
37	SODS	Art Exhibition	Offline	12-Nov-21	30
38	SODS	Graffiti Art	Offline	15-Nov-21	45
39	SODS	Ink de Basanti	Online	26-Jan-22	44
40	SODS	Characterverse	Online	28-Feb-22	73
41	SODS	Arcadefest	Offline	19-Apr-22	40
42	SODS	Halloween Face Painting Competition	Offline	28-Oct-22	70
43	SOHST	Pharma Week	Offline	24-Nov-21	95
44	SOHST	Saraswati Pooja	Offline	5-Feb-22	40
45	SOHST	Fitness Bootcamp	Offline	7-Apr-22	42
46	SOB	PR - Coverage and News Letter Launch	Online	16-May-21	75
47	SOB/SOE	LaunchPad - Agripreneurship Orientation Program	Online	21-May-21	56
48	SOB	EMCEE (Event 3) - Workshop on Art of Emceeing	Online	17-Jun-21	30
49	SOB	PR - Webinar on Ambitious and Strong Daughters	Online	19-Jun-21	25
50	SOB	Yoga Day Webinar	Online	21-Jun-21	50
51	SOB	Block Chain Event	Online	10-Jul-21	24000+
52	SOB	LaunchPad - Event Stock Market Webinar	Online	17-Jul-21	148
53	SOB	EMCEE - Panel Discussion on Business Ideas	Online	18-Jul-21	70
54	SOB	PR - Agro Supply Chain Summit	Online	24-Sep-21	100
55	SOB	EMCEE 2.0 - Workshop on Art of Emceeing	Online	27-Oct-21	30
56	SOB	LaunchPad - The Business Heist	Offline	24-Nov-21	160

Sr. No.	School	Program Title	Type of Activity	Date	Participants
57	SOB	FIPI - A Webinar on Introduction to SAP ERP & its Business Functions	Online	23-Jan-22	70
58	SOB	Manthan - 'MALANG' Republic Day Quiz	Online	26-Jan-22	160+
59	SOB	Sanskriti - Conversation with Brigadier Govind Singh Sisodia	Online	26-Jan-22	40
60	SOB	Say Cheese	Online	1-Feb-22	200+
61	SOB	GEMS - Logo Making Competition	Online	5-Feb-22	30
62	SOB	LaunchPad - Flavor of Entrepreneurship Event	Online	5-Feb-22	33
63	SOB	EMCEE 2.0 - Panel Discussion on Business Ideas	Online	10-Feb-22	14 Teams (14*3)
64	SOB	LaunchPad - Social Media Report	Online	13-Feb-22	50
65	SOB	Sanskriti - In remembrance of Late Lata Mangeshkar and Bappi Lahiri	Online	25-Feb-22	35
66	SOB	Manthan - Women's Day Edition	Hybrid	1-Mar-22	40
67	SOB	LaunchPad - International Women's Day	Offline	8-Mar-22	50
68	SOB	Manthan - EM Power	Offline	8-Mar-22	100+
69	SOB	Sanskriti - April Fool's Day Prank	Offline	1-Apr-22	35
70	SOB	LaunchPad - Art of Selling Event	Offline	13-Apr-22	10
71	SOB	GEMS - "Talk That Matters"	Online	23-Nov-22	50
72	SOL	LAC Plantation Drive	Online	5-Jun-21	25 - 30
73	SOL	Mock Session for Mediation	Online	14-Aug-21	70
74	SOL	20th Panel Discussion - Interpretive Constitutionalism: Efficacy of Preamble and Its Legitimacy in a Democratic State	Online	16-Aug-21	70
75	SOL	6th UPES Internal Mediation Competition	Online	2-Sept to 4-Sept-21	200
76	SOL	21st Panel Discussion - Existential Crisis: A Ball Game Amid Humanitarian Laws in Afghanistan	Online	9-Sept-21	75
77	SOL	Orientation Session	Online	12-Sept-21	100
78	SOL	3rd Internal Negotiation Competition	Online	14-Sept to 17-Sept-21	100
79	SOL	Approaching Arbitration Moots, A primer to XVI Internal Moot Court Competition. by Bettering Results	Online	17-Oct-21	117
80	SOL	"Knowledge Week"- Quiz Series, Internal Quiz Competition, 2021	Online	18-Oct to 22-Oct-21	60
81	SOL	Physical Camp by Legal Aid Cell	Offline	21-Oct-21	200

Sr. No.	School	Program Title	Type of Activity	Date	Participants
82	SOL	Youth Parliament Association Orientation	Online	23-Oct-21	91
83	SOL	XVI Intra Moot Court Competition, 2021	Online	24-Oct-21 to 31-Oct-21	200
84	SOL	22nd Panel Discussion - Fostering Backward Classes: Censorious and Comparative Interpretation	Offline	26-Oct-21	70
85	SOL	SATSANG: The Alumni Lecture Series	Online	30-Oct-21	50
86	SOL	LAC Slogan Writing Competition	Online	9-Nov-21	15
87	SOL	IV Novice Parliamentary Debate	Online	17-Nov to 20-Nov-21	90
88	SOL	Writer's Club Workshop on Creative Writing	Online	20-Nov-21	90
89	SOL	National Cyber Law Client Counselling Competition	Online	27-Nov to 28-Nov-21	24
90	SOL	4th National - You, Amend Your Constitution, 2021	Offline	27-Nov-21	20
91	SOL	2nd National Human Rights Extempore Competition, 2021	Offline	27-Nov-21	20
92	SOL	23rd Panel Discussion - Stripping off the Cloak of Secrecy: Manohar Lal Sharma v. UOI	Offline	29-Nov-21	75
93	SOL	National Seminar on 'Contemporary Issues in Intellectual Property Rights: A Multi-disciplinary Perspective'	Online	3-Dec-21	30
94	SOL	Aarambh	Offline	4-Dec to 6-Dec-21	200
95	SOL	Orientation and Awareness Session	Offline	7-Dec-21	70
96	SOL	Ist Novice Mediation Competition	Online	20-Jan-22	72
97	SOL	Orientation sessions for the Debating Premier League	Online	22-Jan to 24-Jan 22	90
98	SOL	Guest Lecture with Adv. Pradeep Rai	Online	26-Jan-22	80
99	SOL	IV Surana & Surana National Insolvency Moot Court Competition	Online	4-Feb to 6-Feb-22	81
100	SOL	Debating Premiere League	Online	7-Feb to 21-Feb-22	112
101	SOL	Two day Workshop on Basics of Moot Court for first year students	Offline	24-Feb-22	50
102	SOL	IVth Intra Competition	Offline	26-Feb to 27-Feb 22	79
103	SOL	Panel Discussion on Women in IP	Online	8-Mar-22	40
104	SOL	Just Alumni Things - 1 of 2022	Online	8-Mar-22	80
105	SOL	Session on Memorial Making	Offline	11-Mar-22	90
106	SOL	IXth Novice Moot Court Competition	Offline	25-Mar-22	120

Sr. No.	School	Program Title	Type of Activity	Date	Participants
107	SOL	Webinar on Making of an Award and its enforcement	Online	30-Mar-22	200
108	SOL	4th National Mediation Competition	Online	1-Apr-22	72
109	SOL	2nd National Negotiations Competition	Online	1-Apr-22	72
110	SOL	Patent Drafting Competition	Online	8-Apr-22 to 9-Apr-22	46
111	SOL	National Constitutional Quiz Competition	Offline	9-Apr-22	137
112	SOL	3rd episode of Satsang	Online	9-Apr-22	50
113	SOL	Intra Youth Parliament Competition	Offline	10-Apr-22	70
114	SOL	DEXTRA	Offline	11-Apr-22 to 13-Apr-22	333
115	SOL	Poster Making	Online	14-Apr-22	50
116	SOL	National Debate competition	Online	15-Apr-22 to 17-Apr-22	150
117	SOL	Paras Diwas moot court competition	Online	15-Apr-22	60
118	SOL	Master class with Patent Attorney	Online	19-Apr-22	50
119	SOL	Session on Constitutional Vision of Justice	Online	19-Apr-22	80
120	SOL	Just Alumni Things - Special Edition Event	Online	22-Apr-22	50
121	SOL	IP Fiesta [Pitch Bowl & Quiz]	Offline	26-Apr-22	120

EXTENSION ACTIVITIES

NATIONAL SERVICES SCHEME (NSS) ACTIVITIES

Title of the activities	Number of teachers coordinated in such activities	Number of students participated in such activities	Number of Male students participated in such activities	Number of Female students participated in such activities	From Date	To Date
Chitrakala 2.0	4	50	18	32	28-Jun-21	10-Jul-21
Swachhta Pakhwada 2021	5	200	90	110	10-Aug-21	15-Aug-21
Catch The Rain	4	82	46	36	8-Aug-21	8-Aug-21
Webinar: Health & Sportsmanship	5	55	32	23	13-Aug-21	13-Aug-21
Webinar: LGBTQ+ Community	5	53	27	26	14-Aug-21	14-Aug-21
75th Independence Day Celebration Adititva: 75 Glorious Years of Independence	4	60	34	26	15-Aug-21	15-Aug-21
Abhivyakti 2.0	4	70	39	31	14-Sept-21	14-Sept-21
NSS Day Celebration - Organ Donation (Jagrukta Abhiyan)	5	89	47	42	24-Sept-21	24-Sept-21

Title of the activities	Number of teachers coordinated in such activities	Number of students participated in such activities	Number of Male students participated in such activities	Number of Female students participated in such activities	From Date	To Date
Green Village Clean Village	4	245	133	112	2-Oct-21	2-Oct-21
उन्नतिकर्षण - Case Study Challenge	5	45	19	26	24-Sept-21	26-Oct-21
Daan Utsav - Joy of Giving Week	5	5	4	1	8-Oct-21	8-Oct-21
Webinar on 'Health is Everything'	4	62	34	28	16-Oct-21	16-Oct-21
Donation Drive	4	25	15	10	21-Oct-21	27-Oct-21
Aikyam - National Unity Day	4	80	44	36	31-Oct-21	31-Oct-21
Diwali 2021	4	243	132	111	1-Nov-21	6-Nov-21
Children's Day Celebration: Masti Ki Pathshala	5	30	14	16	16-Nov-21	16-Nov-21
Election Commission	5	75	40	35	17-Nov-21	17-Nov-21
Badging Ceremony and Interaction with the Volunteers of Bidholi Campus	3	52	37	15	25-Nov-21	25-Nov-21
Interaction with the Volunteers of Kandoli Campus	4	71	38	33	26-Nov-21	26-Nov-21
Constitution Day 2021	4	243	126	117	25-Nov-21	30-Nov-21
Youth Day 2022	4	56	34	22	12-Jan-22	13-Jan-22
Webinar on Career Opportunities in Military after Graduation and Post-Graduation	4	64	30	34	15-Jan-22	15-Jan-22
73rd Republic Day Celebration	4	63	32	31	26-Jan-22	26-Jan-22
Sarvshakti- Seeking Strength in Community Welfare	4	44	25	19	9-Feb-22	13-Feb-22
Holi Celebration 2022	4	50	34	16	16-Mar-22	16-Mar-22
NSS UPES 7-Day Camping Programme	5	42	23	19	4-Apr-22	11-Apr-22
Annual Voluntary Blood Donation Camp	4	76	39	37	11-Apr-22	14-Apr-22
व्यसन: A Nukkad Natak on 'Mobile Addiction'	4	20	8	12	13-Apr-22	13-Apr-22
Cleanliness Drive	5	35	15	20	22-Apr-22	23-Apr-22
Orientation Session - Bidholi Unit 2022	4	44	19	25	14-May-22	14-May-22
Orientation Session - Kandoli Unit 2022	4	40	25	15	20-May-22	20-May-22
Fit India Freedom Cycle Rally (World Bicycle Day)	4	10	6	4	3-Jun-22	3-Jun-22
World Environment Day	4	34	14	20	5-Jun-22	5-Jun-22
Klick It 3.0	4	128	70	58	26-May-22	6-Jun-22
YogMahotsav 2022	5	222	120	102	16-Jun-22	21-Jun-22

CORPORATE SOCIAL RESPONSIBILITY

Since its very inception, UPES has been aware, sensitive and active in its responsibilities towards the society in general and the neighboring community in particular. The University encourages active participation of the students in implementation of its voluntarily initiated societal responsibility interventions that aim to encourage, empower & equip the lesser privileged in the society. The focus areas of the interventions are categorized under education for the underprivileged at the primary level; special focus to support Girl Child education at all levels; economic empowerment of rural women and contributing towards Nation Building activities.

Being an educational establishment, it has been the endeavor of UPES to improve the living conditions of the developing parts of our society by helping them build their skill set. University has been making constant efforts to make them aware about various advancements in technology and research so as to empower them and thereby making them self-reliant.

Organizing CSR activities brings in spark among the children and senior citizens of rural background. The joy of heart doesn't need amenities, but care and attention and this is what, our CSR community takes charge to fulfill.

S.No.	Title of the Activities	Organizing Unit/ Agency/ Collaborating Agency	From Date	End Date
1	'Project 'Dronasthali' During lockdown period in June 2021 a project named Dronasthali was implemented which was designed with an aim to educate our teaching fraternity to effectively use WhatsApp in teaching students. Dr. Juhi Garg and Dr. Deepshikha Bhargava lead this online workshop. The beneficiaries were 30 teachers from nearby RPV's (Rajkiy Prathamik Vidyalay)	UPES-CSR	4 June, 2021	5 June, 2021
2	'Daan Utsav' Clothes Donation Drive at slum area Nanda ki Chowki.	UPES-CSR	8 Oct, 2021	8 Oct, 2021
3	'Furniture Donation in RPVs Bidholi' (30 Tables & Chairs)	UPES-CSR	28 Oct, 2021	28 Oct, 2021
4	'Uttarakhand Skill Development Mission' <ul style="list-style-type: none"> • Cloud Computing • Cyber Security • Mobile Robotics • Mobile Application (IT solutions for businesses) 	UPES-CSR	8 Nov, 2021	12 Nov, 2021
5	'Winter Clothes Donation Drive' at slum area Nanda ki Chowki	UPES-CSR	22 Dec, 2021	22 Dec, 2021
6	'Donation of Hospital Furniture' Bed and Stretcher at PHC Doonga and Paundha.	UPES-CSR	8th Feb, 2022	8th Feb, 2022
7	'Beating Period Poverty Together' – Project 'Lakhon Khawahishen' (Menstrual Hygiene Training at Villages)	UPES-CSR	25 Feb, 2022	9 May, 2022
8	Skill Development Program for UPES Security Guards, Bidholi Campus (English Training, 2 Month)	UPES-CSR	28 Feb, 2022	28 Apr, 2022
9	UPES Used Furniture Donation at Govt. Middle School, Kandoli	UPES-CSR	11 Mar, 2022	11 Mar, 2022

S.No.	Title of the Activities	Organizing Unit/ Agency/ Collaborating Agency	From Date	End Date
10	Commencement of RPV Kandoli 'Learnshaala'	UPES-CSR	28 Mar, 2022	28 Mar, 2022
11	<p>Classroom intervention at Kandoli 'Learnshaala'</p> <p>Volunteers have been regular in this Learnshaala. The subject specific academic intervention that we are doing is also in consultation with School Teachers. Volunteers have been majorly catering to Mathematics & G.K as these are the initial requests School Teachers made to us.</p> <p>Our focus remains on few points during classroom intervention:</p> <ol style="list-style-type: none"> 1. Conceptual clarity rather than traditional method of teaching. 2. Doing activities in which all students of class are involved, even the ones who are shy. 3. Use simple language rather than jargons. 	UPES-CSR	April 2022	May 2022
12	Skill Development Program for UPES Security Guards - Kandoli Campus (English Training)	UPES-CSR	9 May, 2022	9 July, 2022
13	<p>POCSO Sessions at Govt. Schools In order to ensure safety of students and create awareness about sexual assault and sexual harassment, UPES-CSR organized a weeklong awareness Workshop on 'Protection of Children from Sexual Offences Act' POCSO from May 23rd to 27th in 5 Govt. schools.</p> <ol style="list-style-type: none"> 1. High School Kotra Santoor - May 23rd 2. High School Upper Kandoli - May 24th 3. High School Doonga - May 25th 4. Inter College Misraspatti - May 26th 5. Junior School Phulsani - May 27th <p>UPES resource persons delivered the sessions in a very comprehensive way so that it's easy for the child to understand. It is a very sensitive topic and our resource persons very responsibly handled it.</p>	UPES-CSR	23 May, 2022	27 May, 2022
14	<p>Solar Lamp Distribution American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) reached out to UPES for Solar Lamp distribution in our supported villages.</p> <p>50 families from Sela village were benefitted from this activity. This village was identified on the basis of topography and necessity of these kind of lamps.</p>	UPES-CSR	24 May, 2022	24 May, 2022
15	Infrastructure work at RPV Bakarna	UPES-CSR	June 2022	July 2022

SOCIAL AWARENESS ACTIVITIES

S.No.	Title of the Activity Organized	Date	Number of Participating Students	Organizing Body
1	'Uttarakhand Skill Development Mission' <ul style="list-style-type: none"> • Cloud Computing • Cyber Security • Mobile Robotics Mobile Application (IT solutions for businesses)	8 to 12 Nov, 2021	15	UPES-CSR
2	'Beating Period Poverty Together' – Project 'Lakhon Khawahishen' (Menstrual Hygiene Training at Villages)	25 Feb to 9 May, 2022	15	UPES-CSR
3	Skill Development Program for UPES Security Guards Bidholi Campus (English Training, 2 Months)	28 Feb to 28 Apr, 2022	10	UPES-CSR
4	Commencement of RPV Kandoli 'Learnshaala'	28 Mar, 2022	25	UPES-CSR
5	Classroom Intervention at Kandoli 'Learnshaala' Volunteers have been regular in this Learnshaala. The subject specific academic intervention that we are doing is also in consultation with school teacher. Volunteers has been majorly catering to Mathematics & G.K as these are the initial requests school teacher made to us. Our focus remains on few points during classroom intervention: 1. Conceptual clarity rather than traditional method of teaching. 2. Doing activities in which all students of class are involved, even the ones who are shy. 3. Use simple language rather than jargons.	April to May, 2022	30	UPES-CSR

MENTOR – MENTEE PROGRAM

UPES practices Mentor-Mentee System in all Schools. As per the UPES Mentor-Mentee policy, each student is assigned a Faculty Mentor upon his / her joining to UPES. The Faculty Mentor has advisory role and guides / assists the student in the pursuit of his / her academic career throughout his / her tenure at UPES. Students are expected to consult their Faculty Mentors on any matter relating to their academic performance and the courses they may take in various semesters / summer terms. The Faculty Mentor is assigned to extend guidance to the students enabling them to complete their courses of study for the required degree in a smooth and timely manner. The Faculty Mentor is the person to whom the parents / guardians should contact for performance related issues of their wards.

A Faculty Mentor is expected to:

1. Guide a student on rules and regulations of the academic programme
2. Pay special attention to the academically weaker students
3. Guide and liaise with the parents of students
4. Monitor and analyse performance of the students on regular basis
5. Encourage students to satisfy the mandatory attendance requirement
6. Analyse and try to solve personal problems of the students
7. Record all the activities in the mentor diary in the prescribed format

Each student registers for a set of courses as advised by his / her Faculty Mentor at the commencement of every semester. Students with backlog may continuously seek help from their faculty mentors.

A mentoring program framework operates through a software 'MentorCity' to provide automation in the process and to avoid loss of data w.r.t. mentee's growth. The key features of the framework are as under:

- Serve as a framework & roadmap to identify Mentoring Program priorities and designate roles, responsibilities, and criteria for meeting those priorities.
- Develop relationships within school to address the need for a high-performance team of faculty who guide, are adaptable and inspire students and fellow colleagues to produce tangible results.
- Provide institutional knowledge and accountability for the program's success factors and desired outcomes.
- Help students in their transition to the University environment and navigate their programs of study.
- Help ascertain career paths for students and support their personal growth.
- Provide opportunities for students to build academic & social skills and practice professional networking skills.
- Equip students with the understanding and tools to make ethical and informed decisions.

STUDENT INDUCTION / ORIENTATION PROGRAMS

UPES conducts a student orientation program to create an atmosphere that can reduce the anxiety associated with the transition from school to college, promote a positive attitude and stimulate an interest in learning. It creates a welcoming atmosphere for students and their families to meet faculty, staff and fellow students.

This program was also a testimony to how students can continue with their learning even during transition.

We Planned and executed the following events:

- Knowing your University
- Interaction with Leadership
- Interactive Workshops Series
- Academic Interface
- Industry Interface and Interaction with Industry Leaders
- Meeting with Star Alumni
- Cultural Extravaganza

GRIEVANCE REDRESSAL

The University is very meticulous when it comes to redressing the student grievances related to academic and non-academic matters. There is robust and transparent Grievance Redressal mechanism which is in practice to ensure that the grievances are resolved promptly, neutrally and in complete confidentiality. The primary objective is to introduce a fair, impartial and consistent mechanism for redressal of various issues faced by the students/parents in accordance with UGC guidelines. While this platform allows all students to voice their concerns, it is imperative that the concern must qualify as a grievance that is serious enough to deserve the attention of the committee. A Grievance Redressal Committee is constituted in order to address the grievance and ensures speedy resolution of the problems / complaints / grievances including sexual harassment and ragging cases.

Action Points	Total No. of cases Reported	Total no. of Cases Addressed
Grievances	NIL	NIL
Ragging cases	NIL	NIL
Harassment	NIL	NIL

LIBRARY

The UPES Library, with its wide range of collection of knowledge resources and innovative information services, fills an essential requisite in the intellectual pursuits of our students, faculty and the surrounding community. UPES Library, a hybrid Centre with the state-of-the-art technological applications holds knowledge resources predominantly related to Engineering, Science & Technology, Management, Law, Allied Health Science and allied subjects. The entire collection of books, print journals/magazines along with its wide range of e-collection including e-journals, e-books, online databases, non-book materials etc., are accessible through the Institute network.

LIBRARY FACILITIES

Infrastructure (Library Space)	Bidholi & Kandoli Campus - 33965 Sq. ft.
No. of Books Titles	30230
No. of Volumes	208033
No. of E-Books	274871
No. of Journals	49
No. of E-Journals	21349
E-Proceedings	31237
E-Standards	4093
No. of Databases	68
No. of Magazines	34

VARIOUS INITIATIVES TAKEN BY THE UPES LIBRARY DURING THE ACADEMIC YEAR 2021-22

All UPES Libraries offered access both physical & virtual to all its members during the academic year.

- Access to E-resources
 - a. E-Books (2.74 lakhs+ titles) from ProQuest Academic, Bloomsbury, McGraw Hill, PHI, Pearson, Elsevier, Springer, John Wiley, EBSCO, Cambridge, Oxford, Taylor & Francis, etc.
 - b. Access to 21000+ e-Journals, 32057 e-proceedings and 4582 e-standards
 - c. 68 Databases like Scopus, Web of Science, ScienceDirect, IEEE xPlore DL, Emerald Management, SCC Online, Westlaw Asia, LexisIndia, Statista, IndiaStat, Hein Online, JSTOR, T&F Online Journals, EBSCO Business Source Ultimate and other EBSCO Resources, CMIE ProwessIQ, etc.
 - d. Access to Harvard Business case Studies to support teaching, learning & research
- Important resources activated during the academic year 2021-22
 - a. Access to 3,80,000 + Indian Electronic Theses and Dissertation for research students from Shodhganga
 - b. Access to 39,000 + modules (E-text / Video) - Open Educational Resources in all subject areas to support remote classroom needs from e-PG Pathshala (<https://epgp.inflibnet.ac.in/Home>).
 - c. Free access to ProQuest 'COVID-19 resources' (articles from books & journals related to COVID-19)
- The Library has implemented remote access tool **OpenAthens** to access e-resources 24x7. Users are able to access and download the full text e-resources, e.g., e-journals, e-books and all other e-contents) anywhere, any time (24x7).

- Access to previous year question papers through OpenAthens. This facility is made available throughout the academic year 2021-22.
- Students were also informed of the various UGC and MHRD online platforms available to access e-content and e-courses.
- The UPES Library has digitized its 325 thesis and 1011 Postgraduate dissertations and uploaded them to the Digital Repository created using the Open Source Software DSPACE.
- All faculty members, research scholars and interested students have access to URKUND / OURIGINAL software for checking of plagiarism as provided by INFLIBNET and MHRD. Also, library implemented an anti-plagiarism tool 'TURNITIN' for checking of plagiarism.
- Access to licensed version of the GINGER, an online proofreading tool, checks text for grammar, punctuation, and style, and features a contextual spelling checker.

The activities taken during the year 2021-22:

Conducted 39 Library Orientation / Inductions / Webinars to acquaint and upskill faculty and students to access and search of E-Resources and E-Library facilities:

S.No.	Program Title (Library Orientation / Inductions / Webinars)	Schedule Date	School	Batch (Semester)
1	How to access Statista statistical database	12-Jul-21	SOB	All Faculty
2	Library Orientation	19-Aug-21	All School	Students - First Semester
3	Visit to Gyan Kosh	25-Aug-21	SOE	M.Tec Batch
4	Library Orientation	26-Aug-21	All School	Students - First Semester
5	Webinar for Library Orientation	10-Sept-21	SOL	Students - First Semester
6	West Law Asia	15-Sept-21	SOL	B.Com. LL.B. 3rd Semester
7	Training Program on "How to access e-resources" Library Orientation	15-Sept-21	SOB	Students - First Semester
8	EBSCO Discovery Service : An Effective Learning & Research Platform	18.09.2021	SOB	Faculty Members
9	Web of Science (WoS) & Journal Citation Reports (JCR)	24-Sept-21	All School	Faculty Members
10	Webinar for Library Resources	29-Sept-21	SOHS	Students - First Semester
11	How to Access Statista Statistical Database	29-Sept-21	SOB	Faculty & Students
12	Online Training Session with LLM Students on E-Library - How to use the online library/Finding E-resources	27-Sept-21	SOL	LLM Batch
13	Online Library Orientation and How to Access e-Resources Session	9-Oct-21	SOB	MBA Batch
14	Training Session of Lexis Advance India	14-Oct-21	SOL	Faculty & Students
15	Webinar for Access to Bloomsbury Design & Fashion Central Online Database	21-Oct-21	SOD	Faculty & Students

S.No.	Program Title (Library Orientation / Inductions / Webinars)	Schedule Date	School	Batch (Semester)
16	User Training Session of the SCC & Hein Online Database(1)	23-Oct-21	SOL	Students - First Semester
17	Scopus + ScienceDirect - Integrating Scopus in Research Workflow - UPES	23-Oct-21	SOB	SOB Faculty Members
18	Training session of Lexis Advance	13-Nov-21	SOL	2nd Year Batch
19	User Training Session of SCC & Hein Online Database	24-Nov-21	SOL	Students - First Semester
20	Workshop on 'Read & Publish and Author's Publishing Journey'	27-Nov-21	All School	Faculty members
21	Unlock Your Research Potential With IEEE Xplore	4-Dec-21	SOCS	Faculty & Students
22	How to Effectively use ScienceDirect - Reading & Publishing Quality	18-Dec-21	All School	Faculty members
23	OpenAthens - (EBSCO Discovery & Mobile App with Open Athens for UPES)	28-Dec-21	Staff	Library Staff
24	Webinar for Access to UPES Resources via Open Athens	11-Jan-22	All School	All Batches
25	Webinar for Access to UPES Resources via Open Athens	12-Jan-22	All School	All Batches
26	Webinar for Access to UPES Resources via Open Athens	13-Jan-22	All School	All Batches
27	Webinar for Access to UPES Resources via Open Athens	14-Jan-22	All School	All Batches
28	Webinar for Access to UPES Resources via Open Athens	15-Jan-22	All School	All Batches
29	Author Workshop on "Essentials of Research Article Writing"	19-Jan-22	All School	Faculty Members
30	Online-Workshop on Research Support Services using OpenAthens	19-Feb-22	CCE	CCE Students
31	Ouriginal(URKUND) Training	24-Feb-22	All School	Faculty Members
32	Library Induction for Online Library	01-Mar-22	All School	PhD Scholars
33	EBSCO Host Session on Communication & Mass Media	07-Mar-22	SOB	All Faculty/Students
34	Induction - Library for New Joinee (HR)	12-May-22	All School	Faculty Members
35	Webinar on Web of Science (WOS) & Journal Citation Reports (JCR)	14-May-22	All School	Faculty Members & Research Scholars
36	Training session on "Enabling a Perfect Research Ecosystem with Mendeley"	18-May-22	All School	Faculty Members & Research Scholars
37	How to Access UPES e-Library (OpenAthens), Bloomsbury Fashion Central and Bloomsbury Design Library	31-May-22	SOD	Faculty Members & Students
38	Training for Turnitin Feedback Studio	8-Jun-22	All School	Faculty Members
39	Library Orientation Session and Session for SCC, Hein Online, and Westlaw Asia database	28-Jun-22	SOL	Library Induction for Faculty Members

All UPES Libraries were moved to a virtual services model by providing:

- Easy access to e-resources from outside the campus:
 - a. E-Books (2.49 lakhs+ titles) from Bloomsbury, McGraw Hill, PHI, Pearson, Elsevier, Springer, ProQuest Academic, John Wiley, EBSCO etc.
 - b. More than 53000 e-Journals, e-proceedings and e-standards
 - c. 68 Databases like Scopus, Web of Science, ScienceDirect, IEEE xPlore DL, Emerald Management, EBSCO business Source ultimate, etc.
 - d. Access to Harvard Business Case Studies to support teaching, learning & research.
- Has activated the following online resources from renowned publishers as under:
 - a. Access to 3,31,000 + Indian Electronic Theses and Dissertation for research students from Shodhganga
 - b. Access to 22,000 + modules (E-text / Video) - Open Educational Resources in all subject areas to support remote classroom needs from e-PG Pathshala (<https://epgp.inflibnet.ac.in/Home>).
 - c. Free access to over 700 textbooks from Cambridge University Press until 31 May 2021
 - d. Free access to ProQuest Dissertation and Theses Global Full Text; Advance Technology and Aerospace Database; Agricultural & Environmental Science Database; American Psychological Association – PsycArticles and Factiva database (<https://www.proquest.com/>)
 - e. Free access to 'COVID-19 resources' (articles from books & journals related to COVID-19) from Oxford University Press
 - f. Trial access activated for Grammarly Software for technical writing.
(URL: www.grammarly.com/edu)
 - g. Trial access activated for EBSCO Humanities International Complete & EBSCO Humanities Source Ultimate from
- Extended access to previous year question papers. This facility was made available only for the lockdown period.
- Students were also informed of the various UGC and MHRD online platforms available to access e-content and e-courses
- All faculty and interested students got access to URKUND software for checking of plagiarism as permitted by INFLIBNET and MHRD.
- Off-campus permission was provided to students to access e-library and to use e-resources. Borrowing period of all borrowed books from the library was extended and overdue fines for late return of books and other library materials was waived off. Book reservation facility was suspended.
- Conducted 11 webinars to acquaint and upskill faculty and students to access and search of e-resources and e-library facilities

Sr. No.	Name of the Webinar Topic	From Date	To Date
1	Workshop on 'Enhance your Research using Mendeley Smart Referencing System'	15-Apr-21	15-Apr-21
2	Library Orientation & Access to E-Resources	14-Apr-21	14-Apr-21
3	PhD Orientation Program Invite	12-Apr-21	12-Apr-21
4	Library Orientation Program: Remote Access to Library Resources - Registration	5-Apr-21	5-Apr-21
5	Webinar: "Improve your research quality using Smart Referencing tool Mendeley"	19-Jan-21	19-Jan-21
6	Online Training for Westlaw & Thomson Reuters Proview Law E-Books	18-Jan-21	18-Jan-21
7	Library Induction Program	15-Jan-21	15-Jan-21
8	Library Induction Program	13-Jan-21	13-Jan-21
9	FW: IEEE Awareness Session	12-Jan-21	12-Jan-21
10	Invitation to Training Session: IEEE xPlore Digital Library and EBSCO Discovery Services	6-Jan-21	6-Jan-21

SCHOLARSHIPS / FINANCIAL AID PROVIDED

AID PROVIDED BY UPES

Scholarship/Financial Aid	Benefited Students
Domicile Scholarship	1117
Alumni Scholarship & Foreign Students Fee Concession	100
Employee Wards Concession	30
Fees Relaxation	90
Scholarship Expenses	831
Covid Scholarship	485
Scholarship for Girls	2464

AID PROVIDED BY GOVERNMENT BODIES

Scholarship/Financial Aid	Benefited Students
Bihar Credit Card Scheme	25
Bihar Post Matric Scheme	9
E- Kalyan (Jharkhand)	1
National Scholarship Portal	15
West Bengal Credit Card Scheme	33

UPES COUNCIL FOR INNOVATION AND ENTREPRENEURSHIP (UCIE)

UCIE has been leading the University in driving entrepreneurship in its ecosystem since its incorporation as a Section 8 company in 2015. Through mentoring, guidance, and support from ideation to product development, and finally incorporation, UCIE has helped startups like Pension Box and Homeversity to get to the stage of raising Angel Investor Funding.

Runway Incubator – Launch

In 2021-22, UCIE launched Runway Incubator, its entity focused specifically in identifying, selecting, and mentoring idea stage startups and taking them to the level of early revenue and growth stage.



Runway Incubator is a crucial stakeholder in the local ecosystem as a Nodal Agency and recognized business incubator by the Government of Uttarakhand. UCIE has amongst its partners Startup Uttarakhand, TiE Dehradun Chapter, HEADSTART, The Indian Network, Techstars, FICCI FLO, and Atal Incubation Centers, with whom resource exchange and event partnerships have been carried out in the past year.

Runway Incubator – Cohort onboarding

Runway Incubator launched its first Cohort on March 26th and 27th, 2022. It was an interactive two-day event wherein the first day witnessed business professionals and entrepreneurs engage in a lively panel discussion. The panel discussion was succeeded by an impromptu business plan competition in which the participants participated with great spirit. All entrepreneurs were asked to make their pitch decks and presentations on the second day and most entrepreneurs even secured huge investments from Angel Investors during the event.

In its first cohort, Runway had about 120 startups in its pre-incubation programme. The startups ranged from sectors such as manufacturing engineering to agri-tech, fin-tech, deep-tech, ed-tech, travel and tourism to Himalayan products. About 15% of the cohort comprised of women led startups. Apart from UPES students, faculty, and alumni, there were significant external startups in the pre-incubation program. The common thrust of the startups is to provide solutions through products and services to enable life in the 21st century with sustainability and responsible use of resources as well as aimed at lowering the carbon footprint. The 15-week pre-incubation programme comprised of intensive online classes and workshops on the following basic aspects of setting up and running a business including entrepreneurship mindset and skill set, business ideation, ideation to scaling, teamwork for startups, value proposition canvas, business model canvas, product pricing, fund-raising for startups, and legal aspects of running a business. In addition, the startups also had one-on-one sessions with mentors to identify their challenges and provide specific help and guidance to reach the next level.



List of Incorporated Companies

Sr. No.	Name of Legal Entity	Name of Promoter	School	Sector	Date of Incorporation
1	F&T Nature	Paurush Dobhal	SOE	Green Tech	28-Apr-21
2	Aevitas	Irfan Ansari	SOB Alumni	Service	15-Oct-18
3	Bettering Result	Varsha Gupta	SOL	Ed Tech	16-Sept-20
4	Tachyon Automobile	Naman Gandhi	SOE	EV	12-Aug-22
5	Anime Devta	Dev Taneja	SOE	E Commerce	19-Apr-22
6	Buzzinga Chips	Dia Goel	SOB Alumni	FMCG	7-Jul-21
7	Himalayan Threads	Kirti Rawat	Alumni	Handicraft	31-Mar-21
8	Indian Hemp Store	Siddharth Gupta	SOB Alumni	E Commerce	2-Mar-22

Sr. No.	Name of Legal Entity	Name of Promoter	School	Sector	Date of Incorporation
9	Naira Fresh Farms	Lokendra Dutt Sharma, Dr. Geetanjali Raghav	Faculty/Staff	Organic	6-Apr-22
10	Mahri Angithi	Sami Rehman	Faculty/Staff	FMCG	14-Jun-22
11	Find Your True North	Pooja Khanna	Faculty/Staff	Ed Tech	10-May-22
12	Wish and Wait Organics	Aakansha Simra	Faculty/Staff	Organic	18-May-22
13	Elthridium	Akhil Damodaran	Faculty/Staff	Blockchain	11-Apr-22
14	66 Libra Design	Debashis Majumder	Faculty/Staff	Design	20-May-22
15	Neanic Solution	Ashish Mathur	Faculty/Staff	Ed Tech	12-Feb-22

List of Pre-Incubated Companies

Sr. No.	Proposed Startup Name	Name of Promoters	Sector
1	Hara	Prabhleen Kaur Matharu, Bhasha Maheshwari, Eshika Mareddy	Fashion
2	Sansku	Sanskar Aggarwal	Ed Tech
3	Yan3	Michael Joshua Manuyag Ferns, Abhishek Rein, Abhinav Rai, Nilima Jaiswal, Ryan Allen Singh	Blockchain
4	PriCom	Mohit Jain	Deep Tech
5	Vindyavasini	Nuveni Raina	Health Tech
6	Geniuls	Bhuwan Chandra	Ed Tech
7	Universal Charger	Rachit Birla	Manufacturing
8	Legisnation	Kumar Rishabh Parth	Legal Aid
9	Alo Utensils	Ch. Jayanth Srinivas	Green Tech
10	Play.School	Aryan Saxena	ED Tech
11	DoNoGonate	Karanveer Singh Marwah	Social Enterprise
12	Vennverse	Shubham Dubey	Blockchain
13	Sparetus	Shivam Chaturvedi	E Commerce
14	Karanda	Vikrant Kuntal	Blockchain
15	Noice Cancellation Pod	Mrinnang Kumar	Deep Tech
16	Kalakrit	Khyati Gupta	Handicraft
17	PowerUGot	Swapnil	Green Tech
18	KrishE Moto	Jagrit Chandrakar	Automobile

Sr. No.	Proposed Startup Name	Name of Promoters	Sector
19	Live Village Life	Gagan Deep Madan	SAAS
20	KrishEMotor	Jagrit Chandrakar	Agri TEch
21	Frenic Farm	Ravi Ranjan Ray	Agri TEch
22	All about Propertise	Lakshmi Pratap Singh	E Commerce
23	FindACoach	Ujwal Jalali	SAAS
24	Mountain Bags	Shubham Shrivastava	Manufacturing
25	DARD	Devyansh Sharma	Deep Tech
26	Mind Reps	Shobhit Kumar	Ed Tech
27	Furr Ball	Vansh Gautam	E Commerce
28	Influencing Ninja	Navdeep Dogra	SAAS
29	Secure and Search	Shrishti Goyal	IT
30	Sneka Indai	Vinayak Kaushal	Blockchain
31	U Green	Gaurav Dweidi	Green Tech
32	Manage My Subscription	Sanyam	E Commerce
33	Saneki	Annapurna Boruah	Fashion
34	Cormorant	Dr. Hiranmoy Roy	Service
35	Piston	Abhishek Bist	Automobile
36	E3	Annapurna Boruah	Ed Tech
37	PenX	Shubham Thakur	Manufacturing
38	Farm Tech	Dr. Deepak Kumar	Agri TEch
39	DAAC	Siddharth prakash	Design
40	Samosa Ji	Monika Manglik	FMCG
41	Live Stock Exchange	Dr. Sakthi Ganesh Murugesan	Fin Tech
42	SitaBot	Dr. Natraj Mishra	Agri Tech
43	Soyafresh Farm	Pradeep Chauhan	Health Tech
44	Roadz	Achal Agrawal	Deep Tech
45	Sense 3D	Bhupendra Singh	Manufacturing
46	SCS Planet	Ravi Singhal	Travel/Tourism
47	Edible Cutlery	Divya Rawat	Green Tech
48	GeoArc	Abhishek Mishra	Deep Tech



Aagaaz The Homecoming 1



Aagaaz The Homecoming 2



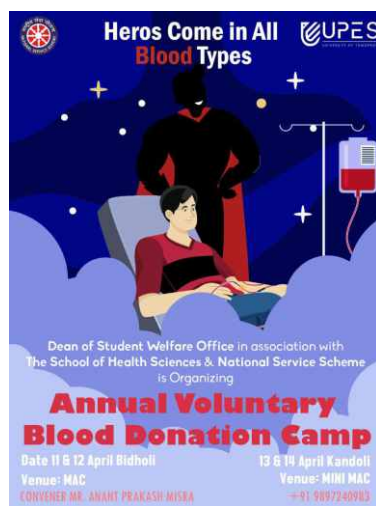
Aagaaz The Homecoming



Conversation with Prasiddhi Singh- Environmental Activist



Excellence Awards 2021



Blood Donation Camp



Aagaaz The Homecoming



Aagaaz The Homecoming 3

ALUMNI ASSOCIATION

DETAILS OF ALUMNI CHAPTER / MEET

Sr. No.	Location / Place of the Meet	Date of the Meet	Number of Participants
1	Virtual	22-Apr-22	60
2	Delhi	27-May-22	150
3	Virtual	11-Jul-21	15
4	Virtual	24-Jul-21	20
5	Virtual	18-Sept-21	7
6	Virtual	8-Oct-21	35

LIST OF PLACEMENT RELATED TALKS / LECTURES ORGANIZED

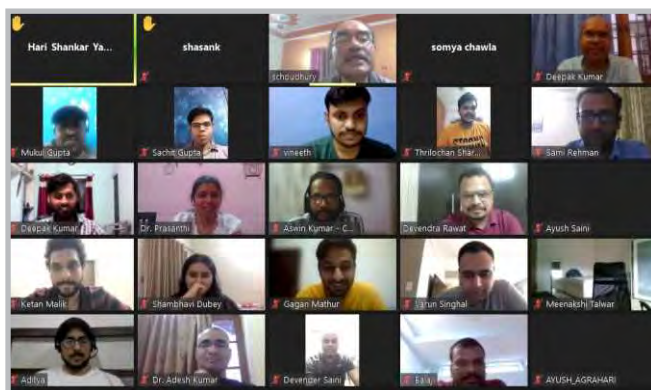
S.No.	Name of the Guest Speaker	Title of the Talk / Lecture	Date	Number of Participants
1	Ankit Jaggi	Preparatory Session for Postman	28-Jul-21	350
2	Nikhil Moghe	Pre Placement Interaction for KPMG	21-Sep-21	55
3	Arpit C Gupta	Interaction with Unplaced Students	17-Oct-21	35
4	Noormansha Narula	Pre Placement Interaction for Dell Digital Design	17-Oct-21	30
5	Manik Garg	Campus to Corporate with Work 2.0	13-Nov-21	35
6	Ankit Dubey	About Industry Trends	12-Nov-21	20
7	Kush Chadha	How to Increase your Job Opportunities through LinkedIn and Video Resume	16-Nov-21	40
8	Rishabh Kapur	Studying Overseas	20-Nov-21	75
9	Shashank Kondam	Life after College	16-Jan-22	80
10	Japneet Singh	Future of Aerospace	22-Jan-22	35
11	Siddharth Gupta	Future of Hemp Industry in India	22-Jan-22	30
12	Uday Vikas	Design for Positive Product Transformation	29-Jan-22	25
13	Shubham Shrivastava	Kick-Off the Selection Process	12-Feb-22	35
14	Sumeet Shetty	E-commerce Supply Chain, Corporate Behaviour and Learnings	19-Feb-22	75
15	Ashutosh Bhardwaj	Paving Your Path in the Data Analytics World	27-Feb-22	15
16	Ashutosh Bhardwaj	Introduction to Power BI	6-Mar-22	7
17	Neel Sharma	Business Analytics in Today's World	21-Mar-22	11
18	V Swaminathan	Engineers in the World of IT	17-Apr-22	350
19	Debajyoti Mohanty	Impact on Talent Management in the Post - Covid Scenario	23-Apr-22	101

DETAILS OF ALUMNI REGISTERED FROM 2022 BATCH

S.No.	School	Name of the Program	Number of Alumni registered
1	SOE	B.Sc. Hons. (Chemistry)	10
2	SOE	B.Sc. Hons. (Mathematics)	7
3	SOE	B.Sc. Hons. (Physics)	14
4	SOE	B.Tech (Aerospace Engineering)	38
5	SOE	B.Tech (Aerospace Engineering with Spl. in Avionics)	34
6	SOE	B.Tech (Applied Petroleum Engineering with Specialization in Gas)	118
7	SOE	B.Tech (Applied Petroleum Engineering with Specialization in Upstream)	121
8	SOE	B.Tech (Automotive Design Engineering)	21
9	SOE	B.Tech (Chemical Engineering with Specialization in Refinery and Petrochemicals)	140
10	SOE	B.Tech (Civil Engineering with Spl. in Infrastructure Development)	19
11	SOE	B.Tech (Electrical Engineering)	16
12	SOE	B.Tech (Electronics & Communication Engineering)	35
13	SOE	B.Tech (Fire & Safety Engineering)	45
14	SOE	B.Tech (Geo Informatics Engineering)	11
15	SOE	B.Tech (Geo Science Engineering)	12
16	SOE	B.Tech (Mechanical Engineering)	55
17	SOE	B.Tech (Mechatronics Engineering)	28
18	SOE	M.Sc (Chemistry)	5
19	SOE	M.Sc (Petroleum Geoscience)	11
20	SOE	M. Tech. (Automation & Robotics Engineering)	6
21	SOE	M.Tech (Chemical Engineering with Spl. in Process Design Engineering)	12
22	SOE	M.Tech (Computational Fluid Dynamics)	9
23	SOE	M.Tech (Energy Systems)	3
24	SOE	M.Tech (Health Safety & Environmental Engineering)	88
25	SOE	M.Tech (Health Safety & Environmental Engineering With Spl. in Disaster)	14
26	SOE	M.Tech (Petroleum Exploration)	17
27	SOE	M.Tech (Renewable Energy)	5
28	SOE	M.Tech (Structural Engineering)	4
29	SOCS	B.Tech (Computer Science Engineering with Spl. in Artificial Intelligence and Machine Learning)	59
30	SOCS	B.Tech (Computer Science Engineering with Spl. in Banking, Financial Services and Insurance)	19
31	SOCS	B.Tech (Computer Science Engineering with Spl. in Big Data)	89
32	SOCS	B.Tech (Computer Science Engineering with Spl. in Business Analytics and Optimization)	120
33	SOCS	B.Tech (Computer Science Engineering with Spl. in Cloud Computing and Virtualization Technology)	115
34	SOCS	B.Tech (Computer Science Engineering with Spl. in Cyber Security and Forensics)	119
35	SOCS	B.Tech (Computer Science Engineering with Spl. in DevOps)	66

S.No.	School	Name of the Program	Number of Alumni registered
36	SOCS	B.Tech (Computer Science Engineering with Spl. in E-Commerce, Retail and Automation)	15
37	SOCS	B.Tech (Computer Science Engineering with Spl. in Graphics & Gaming)	48
38	SOCS	B.Tech (Computer Science Engineering with Spl. In Internet of Things & Smart Cities)	66
39	SOCS	B.Tech (Computer Science Engineering with Spl. In IT Infrastructure Management)	37
40	SOCS	B.Tech (Computer Science Engineering with Spl. In Mainframe Technology)	19
41	SOCS	B.Tech (Computer Science Engineering with Spl. in Mobile Application Development)	25
42	SOCS	B.Tech (Computer Science Engineering with Spl. in Oil & Gas Informatics)	50
43	SOCS	B.Tech (Computer Science Engineering with Spl. in Open Source & Open Standards)	49
44	SOCS	BCA (With Spl. in Banking, Financial Services & Insurance)	13
45	SOCS	BCA (With Spl. in Internet of Things)	66
46	SOCS	M.Tech (Computer Science Engineering)	7
47	SOD	B.Des (Communication and Media Design) in Gaming/ Graphics/ Interaction Design/ Animation and VFX	54
48	SOD	B.Des (Industrial and Product Design)	50
49	SOD	B.Des (Interior and Retail Space Design)	10
50	SOD	B.Des (Transportation and Mobility Design)	26
51	SOD	M.Des (Fashion Design)	2
52	SOD	M.Des (Product Design)	6
53	SOD	M.Des (Transportation and Mobility Design)	9
54	SOD	M.Des (User Experience and Interaction Design)	1
55	SOHST	B.Sc (Food, Nutrition and Dietetics)	18
56	SOHST	M. Sc. (Clinical Research)	4
57	SOHST	M. Sc. (Microbiology)	18
58	SOHST	M. Sc. (Nutrition and Dietetics)	6
59	SOB	BBA (Analytics and Big Data)	11
60	SOB	BBA (Auto Marketing)	4
61	SOB	BBA (Aviation Operations)	74
62	SOB	BBA Core (HR)	28
63	SOB	BBA Core (Marketing)	10
64	SOB	BBA (Digital Marketing)	60
65	SOB	BBA (Family Business and Entrepreneurship)	14
66	SOB	BBA (Financial Analysis & Services)	43
67	SOB	BBA (Foreign Trade)	43
68	SOB	BBA (Logistics Management)	29
69	SOB	BBA (Oil & Gas Marketing)	40
70	SOB	BBA (Tourism and Hospitality Management)	7
71	SOB	MA Economics	6
72	SOB	MBA (Aviation Management)	24
73	SOB	MBA (Business Analytics)	15
74	SOB	MBA (Digital Business)	6

S.No.	School	Name of the Program	Number of Alumni registered
75	SOB	MBA General Management (Finance)	35
76	SOB	MBA General Management (HR)	17
77	SOB	MBA General Management (Marketing)	22
78	SOB	MBA General Management (Operations)	2
79	SOB	MBA (International Business Management)	28
80	SOB	MBA (Logistics & Supply Chain Management)	49
81	SOB	MBA (Oil & Gas Management)	53
82	SOB	MBA (Power Management)	15
83	SOL	B.A., LL.B. (H) - Criminal/Labour/Constitution Laws	104
84	SOL	B.A., LL.B. (H) - Energy Laws	111
85	SOL	B.B.A., LL.B. (H) - Corporate Laws	96
86	SOL	B.B.A., LL.B. (H) - International Trade & Investment Laws	59
87	SOL	B.Com., LL.B. (H) - Taxation Laws	96
88	SOL	B.Tech., (CS) + Cyber Laws	34
89	SOL	B.Tech., (ET) + IPR	5



Alumni Meet-1



Alumni Meet-2



Digital Darwinism-1



Digital Darwinism-2

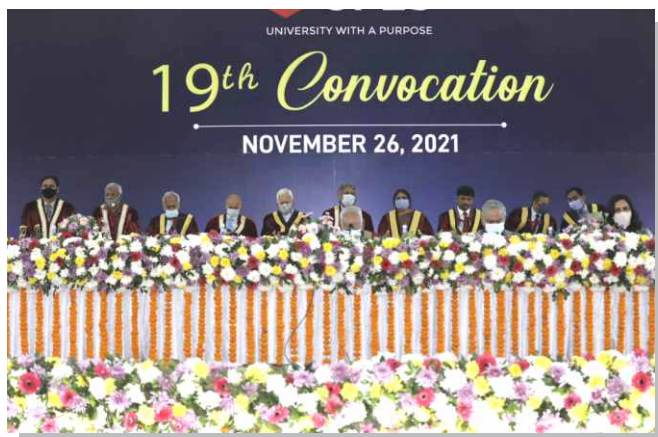
CONVOCATION

The 19th Convocation of UPES was held on 26th November, 2021 for the batch 2021.

The Vice Chancellor warmly congratulated each of the graduate and wished them good luck on their journey.

At the 19th Convocation, details of Academic Medals awarded are as under:

University Gold Medals	: 8
Institutional Gold Medals	: 3
University Silver Medals	: 42
Certificate of Appreciation	: 41
PhD Degrees	: 52
Post Graduate Degrees	: 1003
Under Graduate Degrees	: 2818



FINANCIALS

Raghu Nath Rai & Co

Chartered Accountants

9 Mathura Road, Jangpura 'B', New Delhi-110014
 Phones / Auto Fax: 91-11-24372181-82/ 011-41637508

INDEPENDENT AUDITOR'S REPORT

Report on the Financial Statements

We have audited the accompanying financial statements of University of Petroleum & Energy Studies (University), which comprise the Balance Sheet as at 31st March 2022, the Statement of Income and Expenditure for the year ended, and a summary of the significant accounting policies and other explanatory information.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India:

- in the case of the Balance Sheet, of the state of affairs of the University as at March 31, 2022;
- in the case of the Income & Expenditure Account, of the excess of expenditure over income for the year ended on that date.

Management's Responsibility for the Financial Statements

University Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position and financial performance of the University in accordance with the Generally Accepted Accounting Principles. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the University's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by trust management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

For
RAGHU NATH RAI & CO.
 Chartered Accountants
 FRN: 000451N

Arjun Mehta
 Arjun Mehta
 (Partner)
 Membership No.: 097685

Place: New Delhi
 Date: 23/09/2022

UDIN- 22097685AWNBL9336



E mail: admin@rnrr.in; Website: www.rnr.in

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Balance Sheet as at 31st March 2022

(Amount in Rs.)

Particulars	Note No.	Year ended 31st March 2022	Year ended 31st March 2021
I Sources of Funds			
Capital Funds			
Permanent Endowment Fund	1A	1,48,97,437	1,47,15,439
Development Fund	1B	1,46,64,433	1,41,18,440
General Fund	1C	3,18,94,05,387	3,57,01,31,829
Non - Current Liabilities			
Long term provisions	2	64,23,27,217	69,62,93,234
Other long term liabilities	3	26,74,16,955	30,15,92,162
Current Liabilities			
Trade Payables	4	17,38,83,021	13,21,27,903
Other Current Liabilities	5	1,36,37,94,273	1,32,84,80,432
Short term provisions	6	1,79,53,981	1,80,38,265
Total		5,68,43,42,704	6,07,54,97,704
II Application of Funds			
Non - Current Assets			
Property, Plant & Equipments			
Tangible Assets	7	1,12,96,31,179	1,24,51,91,310
Intangible Assets	7A	3,37,07,158	2,32,71,913
Capital work in progress	7	10,29,86,481	1,42,84,948
Investments	8	51,000	51,000
Long term loans and advances	9	44,61,31,785	56,57,94,262
Current Assets			
Trade Receivables	10	2,44,73,116	25,97,60,259
Cash & Bank Balances	11	2,88,08,81,951	3,47,95,69,901
Short term loans and advances	12	96,31,37,380	43,53,07,134
Other current assets	13	10,33,42,654	5,22,66,977
Total		5,68,43,42,704	6,07,54,97,704

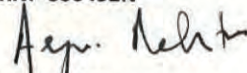
Significant Accounting Policies and Schedule to Accounts are integral part of financial statements

As per our report of even date

For Raghu Nath Rai & Co.

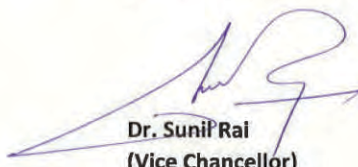
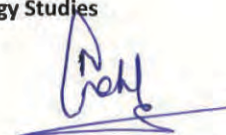
Chartered Accountants

FRN:- 000451N


Arjun Mehta
(Partner)

Membership No:- 097685

For University of Petroleum & Energy Studies


Dr. Sunil Rai
(Vice Chancellor)

Navneet Mehta
(Finance Officer)

Place: New Delhi

Date : 23 SEP 2022



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Cash Flow statement for the year ended on 31st March 2022

	Particulars	Year ended 31st March 2022	Year ended 31st March 2021
A.	Cash flow from operating activities		
	Net Surplus/(Deficit)	(380,726,442)	(423,616,211)
	Adjustment for:		
	Depreciation and amortisation expense	183,109,501	207,022,570
	Finance cost	1,169,577	3,189,509
	Appropriations to Endowment & Development Fund	727,991	207,564
	Interest income	(144,714,530)	(223,555,460)
	(Profit)/loss on sale of fixed assets	7,107	1,134,891
	Lease equalisation reserve	(7,485,185)	(2,745,335)
	Advance & receivable written off	23,914	1,395,482
	Liability written back	(479,746)	(4,500,798)
	Unrealized foreign exchange (gain)/loss	18,066,609	(1,273,300)
	Operating Surplus/(Deficit) before working capital changes	(330,301,204)	(442,741,088)
	Adjustments for changes in working capital :		
	Students and other receivables	235,287,143	(242,326,046)
	Trade payables / Current liabilities	(9,320,957)	(481,283,983)
	Security Deposits from Students	6,129,338	6,511,232
	Loans and Advances	(477,333,969)	(525,263,920)
	Cash generated from operations	(575,539,649)	(1,685,103,805)
	Net cash from operating activities (A)	(575,539,649)	(1,685,103,805)
B.	Cash flow from investing activities		
	Purchase of fixed assets	(68,524,596)	(66,434,923)
	Addition to CWIP & Capital advances	(98,170,914)	(19,440,828)
	Proceeds from sale of fixed assets	2,256	14,196
	Investment	-	-
	Net cash (used) in Investing activities (B)	(166,693,254)	(85,861,555)
C.	Cash flow from financing activities		
	Finance cost	(1,169,577)	(3,189,509)
	Interest Incomes	144,714,530	223,555,460
	Net cash from financing activities-('C)	143,544,953	220,365,950
	Net increase / decrease in cash and cash equivalents (D=A+B+C)	(598,687,950)	(1,550,599,410)
	Cash and cash equivalents at the beginning of the year (E)	3,479,569,901	5,030,169,311
	Cash and cash equivalents at the end of the year [D+E]	2,880,881,951	3,479,569,901
	Cash and cash equivalent comprises of:		
	Cash in hand	791,226	828,795
	Balance with banks:		
	'(i) In saving and current accounts/ overdrafts	1,214,645,344	1,287,927,658
	'(ii) In fixed deposits	1,665,445,381	2,190,813,448

Notes:

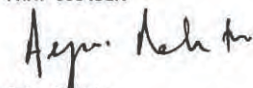
- 1 The above Cash Flow Statement has been prepared under the indirect method set out in Accounting Standard - 3 on "Cash Flow Statement".
- 2 Figures in brackets indicate cash outflow.
- 3 The accompanying notes are an integral part of these financial statements.

As per our report of even date

For Raghu Nath Rai & Co.

Chartered Accountants

FRN:- 000451N


Arjun Mehta
(Partner)

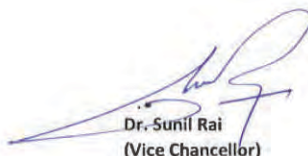
Membership No.: 097685

Place: New Delhi

Date: 23 SEP 2022



For University of Petroleum & Energy Studies


Dr. Sunil Rai
(Vice Chancellor)

Navneet Mehta
(Finance Officer)

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Notes of Financial Statements for the period ended 31st March 2022

1 Capital Funds

(Amount in Rs.)

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
A. PERMANENT ENDOWMENT FUND		
Opening Balance	1,47,15,439	1,46,63,548
Transfer from Income & Expenditure Account	1,81,998	51,891
Closing Balance	1,48,97,437	1,47,15,439
B. DEVELOPMENT FUND		
Opening Balance	1,41,18,440	1,39,62,767
Transfer from Income & Expenditure Account	5,45,993	1,55,673
Closing Balance	1,46,64,433	1,41,18,440
C. GENERAL FUND		
Opening Balance	3,57,01,31,829	3,99,37,48,040
Transfer from Income & Expenditure Account	(38,07,26,442)	(42,36,16,211)
Closing Balance	3,18,94,05,387	3,57,01,31,829
TOTAL FUNDS (A+B+C)	3,21,89,67,257	3,59,89,65,708

Non-Current Liabilities

2 Long Term Provisions

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Provision for Gratuity	44,55,02,583	45,25,06,682
Provision for Leave Encashment	19,68,24,634	24,37,86,552
Total	64,23,27,217	69,62,93,234

3 Other Long Term Liabilities

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Security deposits from students(refundable)	20,41,26,555	20,71,49,862
Security deposit from others(refundable)	31,75,558	26,64,722
Non-Current portion of lease equalisation	6,01,14,842	9,17,77,578
Total	26,74,16,955	30,15,92,162

Current Liabilities

4 Trade Payables

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Total outstanding dues other than of micro enterprises and small enterprises	17,38,83,021	13,21,27,903
Total	17,38,83,021	13,21,27,903



5 Other Current Liabilities

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Deferred revenue	85,12,53,042	95,89,88,447
Advance from students	13,80,81,284	11,69,58,252
Security deposits from students(refundable)	7,92,32,645	7,00,80,000
Security deposits from Others(refundable)	1,02,87,531	13,55,104
Statutory dues	4,92,56,925	4,67,11,802
Creditor for capital goods	57,16,799	76,23,708
Other Payables	19,10,29,009	11,20,04,098
Current portion of lease equalisation	3,89,37,038	1,47,59,021
Total	1,36,37,94,273	1,32,84,80,432

6 Short Term Provisions

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Provisions for gratuity	1,11,45,381	98,03,677
Provisions for leave encashment	68,08,600	82,34,588
Total	1,79,53,981	1,80,38,265



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
 PROPERTY, PLANT & EQUIPMENTS
 Schedule 7 : Fixed Assets

Sl. No.	Particulars	Rate	Gross Block		Depreciation			Impairment		Net Block	
			Opening Balance	Additions during the Year	Assets Sold/Written off during the year	Closing Balance	Opening Balance	for the year	Closing	31st March 2022	31st March 2021
								Provision for dep on assets sold/ written off during the year			(Amount in Rs.)
1	Land / Sports Ground		9,81,53,702	-	-	9,81,53,702	-	-	-	9,81,53,702	9,81,53,702
2	Building	10.00%	1,52,70,75,200	1,31,44,382	-	1,54,02,19,583	80,15,00,118	7,34,01,721	-	66,53,17,744	72,55,75,082
3	Laboratory Equipments	20.00%	31,53,46,258	1,13,16,459	-	32,66,62,717	22,23,55,854	1,93,45,371	-	45,09,828	8,04,51,683
4	Computer & Software	40.00%	32,47,99,624	38,51,364	30,156	32,86,20,833	25,61,14,852	2,82,15,614	-	27,37,852	4,16,80,074
5	Furniture & Fixtures	25.88%	31,21,16,523	59,56,763	16,842	31,80,56,444	24,61,13,231	1,81,76,756	-	19,00,911	5,16,76,621
6	Office Equipments	13.91%	27,68,59,921	1,08,70,918	-	28,77,30,840	15,43,80,289	1,77,39,562	-	19,37,594	12,05,42,038
7	Vehicles	25.69%	93,65,762	70,18,990	-	1,63,84,753	86,43,621	15,09,029	-	82,32,103	7,22,142
8	Library Books	13.91%	8,10,71,974	1,82,60,281	-	9,93,32,255	3,54,89,556	71,38,458	-	5,67,04,241	4,55,82,418
9	Plant & Machinery	13.91%	3,52,50,467	10,01,254	-	3,62,51,720	2,47,44,379	15,96,092	-	99,11,249	1,05,06,088
10	Leasehold Improvement		9,01,88,733	65,73,565	-	9,67,62,298	4,13,36,882	1,59,86,898	-	3,94,38,518	4,88,51,651
11	Machinery under R&D Projects		28			28	-	-	-	28	28
12	CWIP		1,42,84,948	9,81,70,914	94,69,381	10,29,86,481	-	-	-	10,29,86,481	1,42,84,948
	Total		3,08,45,13,140	17,61,64,891	95,16,378	3,25,11,61,652	1,79,06,76,782	18,31,09,501	37,634	1,97,37,50,649	1,28,27,48,172
	Previous Year		3,02,37,99,541	10,35,17,829	4,28,04,330	3,08,45,13,140	1,60,04,13,766	20,70,22,570	1,67,57,573	1,28,27,48,172	1,41,22,99,567

For University of Petroleum & Energy Studies


 (Dr. Sunil Rai)
 Vice Chancellor


 (Dr. Sunil Rai)
 Finance Officer

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
 Year Ended 31st March 2022
PROPERTY, PLANT & EQUIPMENTS
 Schedule 7A : Intangible Assets

Sl. No.	Particulars	Rate	Gross Block			Depreciation			Impairment		Net Block	
			Opening Balance	Additions during the Year	Assets Sold/Written off during the year	Closing Balance	Opening Balance	Provision for dep on assets sold/written off during the year	for the year	Closing	31st March 2022	31st March 2021
1	Software	40.00%	7,58,20,929	5,88,900	-	7,64,09,829	6,19,75,336	54,22,244	-	-	90,09,250	1,38,42,593
2	Library Books	13.91%	1,20,55,887	1,73,37,582	-	2,93,93,468	26,26,567	20,68,993	-	-	2,46,97,908	94,29,320
	Total		8,78,76,816	1,79,26,482	-	10,58,03,297	6,46,04,902	74,91,237	-	-	3,37,07,158	2,32,71,913
	Previous Year		8,39,84,078	38,92,798	-	8,78,76,816	5,61,35,051	64,69,851	-	-	2,32,71,913	2,78,49,026

For University of Petroleum & Energy Studies



(Signature)
 (Dr. Sunit Rai)
 Vice Chancellor

(Signature)
 (Anoushet-Sheela)
 Finance Officer

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
 Year Ended 31st March 2022
PROPERTY, PLANT & EQUIPMENTS
 Schedule 7 : Tangible Assets

Particulars		Rate	Gross Block			Depreciation			Impairment		Net Block				
Sl. No.			Opening Balance	Additions during the Year	Assets Sold/Written off during the year	Closing Balance	Opening Balance	for the year	Provision for dep on assets sold/ written off during the year	Closing Balance	Opening	for the year	Closing	31st March 2022	31st March 2021
1	Land / Sports Ground		9,81,53,702	-	-	9,81,53,702	-	-	-	-	-	-	-	9,81,53,702	9,81,53,702
2	Building	10.00%	1,52,70,75,200	1,31,44,382	-	1,54,02,19,583	80,15,00,118	7,34,01,721	-	87,49,01,839	-	-	-	66,53,17,744	72,55,75,082
3	Laboratory Equipments	20.00%	31,53,46,258	1,13,16,459	-	32,66,62,717	22,23,55,864	1,93,45,371	-	24,17,01,226	45,09,828	-	-	8,04,51,863	8,84,80,576
4	Computer & Software	40.00%	24,89,78,695	32,62,464	30,156	25,22,11,004	19,41,36,516	2,27,95,370	27,560	21,69,02,326	27,37,852	-	-	3,26,70,825	5,21,04,327
5	Furniture & Fixtures	25.88%	31,21,16,523	59,66,763	16,842	31,80,56,444	24,61,13,231	1,81,76,756	10,075	26,42,79,912	19,00,911	-	-	5,18,75,621	6,41,02,381
6	Office Equipments	13.91%	27,68,59,921	1,08,70,918	-	28,77,30,840	15,43,80,288	1,77,39,562	-	17,21,19,851	19,37,594	-	-	11,36,73,395	12,05,42,039
7	Vehicles	25.89%	93,65,762	70,18,990	-	1,63,84,753	86,43,621	15,09,029	-	1,01,52,650	-	-	-	62,32,103	7,22,141
8	Library Books	13.91%	6,90,16,088	9,22,689	-	6,99,38,788	3,28,62,990	50,69,464	-	3,79,32,454	-	-	-	3,20,06,333	3,61,53,098
9	Plant & Machinery	13.91%	3,52,50,466	10,01,254	-	3,62,51,719	2,47,44,379	15,96,092	-	2,63,40,471	-	-	-	99,11,248	1,05,06,087
10	Leasehold Improvement		9,01,88,733	65,73,565	-	9,67,62,298	4,13,36,882	1,59,86,898	-	5,73,23,780	-	-	-	3,94,38,518	4,88,51,851
11	Machinery under R&D Projects		28			28	-	-	-	-	-	-	-	28	28
12	CWIP		1,42,84,948	9,81,70,914	94,69,381	10,29,86,481	-	-	-	-	-	-	-	10,29,86,481	1,42,84,948
	Total		2,99,66,36,324	15,82,38,409	95,16,378	3,14,53,58,355	1,72,60,73,878	17,56,18,264	37,634	1,90,16,54,508	1,10,66,185	-	1,10,66,185	1,23,26,17,661	1,25,94,76,260
	Previous Year		2,93,98,15,464	9,96,25,191	4,28,04,330	2,99,66,36,324	1,54,42,78,735	19,85,52,719	1,67,57,573	1,72,60,73,879	1,10,66,185	-	1,10,66,185	1,25,94,76,260	1,38,44,50,541



For University of Petroleum & Energy Studies

 (Dr. Sunil Rai)
 Vice Chancellor

For University of Petroleum & Energy Studies

 Finance Officer

8 Investments

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
UPES Council for Innovation and Entrepreneurship 5,100 Shares @ Rs.10/- each (previous year 5100 shares)	51,000	51,000
Total	51,000	51,000

9 Long Term Loans & Advances

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Prepaid expenses	27,88,09,521	39,61,16,247
Capital Advances	78,63,654	72,55,492
Security deposit - Considered good	15,94,58,610	16,24,22,523
Total	44,61,31,785	56,57,94,262

Current Assets**10 Trade Receivables**

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
(Unsecured, considered good unless otherwise stated)		
Outstanding for more than six months		
- Receivable from students	82,76,529	35,40,744
- Other receivables	12,10,732	14,29,934
Other Outstanding		
- Receivable from students	1,44,33,041	24,26,04,778
- Other receivables	5,52,814	1,21,84,803
Total	2,44,73,116	25,97,60,259

11 Cash & Bank Balances

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
A. Cash & Cash Equivalents		
Cash in hand	7,91,226	8,28,795
Balance with Banks	1,21,46,45,344	1,28,79,27,658
	1,21,54,36,570	1,28,87,56,453
B. Other Bank Balances		
Fixed Deposit Receipts	1,66,54,45,381	2,19,08,13,448
Total	2,88,08,81,951	3,47,95,69,901

Cash & Bank Balances includes a fixed deposit of Rs.. 2.20 Crores made against permanent endowment fund of the university as per requirement of clause (1) & (2) of section 41 of the UPES Act. Also Fixed deposits of Rs. 2.60 Cr (previous year Rs. 3.21 Cr) pledged.



12 Short Term Loans & Advances

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
(Unsecured, considered good unless otherwise stated)		
Balance with government authorities	6,25,76,629	5,79,76,351
Staff loans	3,67,033	39,54,551
Advance recoverable in cash or in kind - Considered good	69,17,71,803	10,50,63,658
Prepaid expenses	20,49,51,526	26,42,43,661
Security deposit - Considered good	34,70,389	40,68,913
Total	96,31,37,380	43,53,07,134

13 Other Current Assets

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Interest accrued but not due	10,33,42,654	5,22,66,977
Total	10,33,42,654	5,22,66,977



(All amounts in INR, unless otherwise stated)

University of Petroleum & Energy Studies

Significant Accounting Policies and Notes to the financial statements

A General information:

University of Petroleum & Energy Studies is a Statutory University established through an Act namely University of Petroleum & Energy Studies Act, 2003 (Act No. 15 of 2003) [hereinafter referred to as UPES Act] passed by the Uttaranchal Legislative Assembly and assented to by the Governor on July 08, 2003. The University is governed by the UPES Act and Statutes and Rules passed as per Chapter V of the UPES Act.

B Summary of significant accounting policies:

i) Basis of preparation

These financial statements have been prepared in accordance with the generally accepted accounting principles in India under the historical cost convention on accrual basis. These financial statements have been prepared to comply in all material aspects with the accounting standards issued by the Institute of Chartered Accountants of India.

All assets and liabilities have been classified as current or non-current as per the University's operating cycle. Based on the nature and the time between incurrence of expenditure relating to the delivery of Society's services and their realization in cash and cash equivalents, the University has ascertained its operating cycle as 12 months for the purpose of current – non current classification of assets and liabilities.

ii) Transfers:

(a) Transfer from Income & Expenditure Account:

25% of the total interest accrued up to 31st March 2022 from bank in respect of fixed deposit of Rs. 1.95 crores has been transferred to Permanent Endowment Fund as per requirement of clause (4) of section 41 of the UPES Act.

Balance Interest accrued up to 31st March 2022 from Bank in respect of fixed deposit has been transferred to Development Fund as per requirement of clause (4) of Section 41 and sub-clause (e) of clause (1) of section 43 of the UPES Act.

(b) Transfer from Development Fund:

That portion of the Development Fund which has been utilized for the acquisition, construction or major repair of the asset is transferred to General Fund. So long as the asset is not fully acquired or constructed or the activity is completed the proportionate fund is kept in Development Fund.

iii) Tangible assets

Tangible assets are stated at acquisition cost, net of accumulated depreciation and accumulated impairment losses, if any. Cost comprises of the purchase price including import duties and non-refundable taxes and directly attributable expenses incurred to bring the asset to the location and condition necessary for it to be capable of being operated in the manner intended by management. Subsequent costs related to an item of Property, Plant & Equipment are recognized in the carrying amount of the item if the recognition criteria are met.

Items of fixed assets that have been retired from active use and are held for disposal are stated at the lower of their net book value and net realisable value and are shown separately in the financial statements under the head "Other current assets". Any expected loss is recognised immediately in the Statement of Income and Expenditure.

Losses arising from the retirement of, and gains or losses arising from disposal of fixed assets which are carried at cost are recognised in the Statement of Income and Expenditure.

Leasehold improvements are amortized over the term of the lease or useful life which ever is lower.

Depreciation is provided on written down value basis, as per the depreciation rates prescribed in Schedule XIV of the Companies Act, 1956/2013. The depreciation charge for each period is recognised in the Statement of Income and Expenditure. The residual value and the depreciation method are reviewed atleast at each financial year end. If the expectations differ from previous estimates, the changes are accounted for prospectively as a change in accounting estimate.

Land	0.00%
Building	10.00%
Classroom Equipment's	20.00%
Computers	40.00%
Furniture & fixture	25.88%
Office Equipment's	13.91%
Vehicles	25.89%
Library Books	13.91%
Plant & machinery	13.91%



iv) Intangible assets

Intangible assets are stated at acquisition cost, net of accumulated amortization and accumulated impairment losses, if any. Intangible assets are amortised on a written down value basis. The amortisation period and the amortisation method are reviewed at least at each financial year end. If the expected useful life of the asset is significantly different from previous estimates, the amortisation period is changed accordingly.

Assets	Rate of depreciation
Softwares & online courseware	40.00%
Online Library Books	13.91%

v) Capital work in progress

Capital work in progress represents costs incurred to date on a fixed asset which is still under construction at the balance sheet. The cost being incurred on such assets is capitalized when the work is completed and the asset is ready to use.

vi) Revenue recognition

Revenue from the tuition fees, hostel fees, transport fee, computing fees etc or other services is recognised for financial year on proportionate basis when no significant uncertainty exists regarding the amount of consideration that will be derived from rendering of the services and are recognised net of scholarship.

Late Fine is recognized at the time of receipt of money.

Interest Income is recognised on a time proportion basis taking into account the amount outstanding and the rate applicable.

vii) Foreign currency transactions

Initial recognition

Subsequent recognition

Exchange differences on restatement of all other monetary items are recognised in the Statement of Income & Expenditure.

viii) Employee benefits

Provident fund: Contribution towards provident fund for certain employees is made to the regulatory authorities, where the University has no further obligations. Such benefits are classified as Defined Contribution Schemes as the University does not carry any further obligations, apart from the contributions made on a monthly basis.

ix) Leases

As a lessee: Leases in which a significant portion of the risk and rewards of ownership are retained by the lessor are classified as operating lease. Payments made under operating lease are charged to the statement of Income and Expenditure on a straight line basis over the period of the lease.

x) Taxation

The university has obtained exemption from Income Tax u/s 12A vide order dated 12th October, 2004. It will be in force till it is withdrawn by competent authority. No provision for income tax is therefore made in the accounts.

xi) Impairment of assets

The University assesses at each balance sheet date whether there is any indication that an asset may be impaired. If any such indication exists, the University estimates the recoverable amount of the asset. If such recoverable amount of the asset or the recoverable amount of the cash generating unit to which the asset belongs is less than its carrying amount, the carrying amount is reduced to its recoverable amount and the reduction is treated as an impairment loss and is recognized in the Statement of Income & Expenditure. If at the balance sheet date there is an indication that a previously assessed impairment loss no longer exists, the recoverable amount is reassessed and the asset is reflected at the recoverable amount subject to the maximum of depreciated historical cost and is accordingly reversed in the Statement of Income & Expenditure.

xii) Provision, contingent liabilities and contingent assets

Provisions: Provisions are recognised when there is a present obligation as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and there is a reliable estimate of the amount of the obligation. Provisions are measured at the best estimate of the expenditure required to settle the present obligation at the Balance sheet date and are not discounted to its present value.

xiii) Contingent liabilities: Contingent liabilities are disclosed when there is a possible obligation arising from past events, the existence of which will be confirmed only by the occurrence or non-occurrence of one or more uncertain future events not wholly within the control of the University or a present obligation that arises from past events where it is either not probable that an outflow of resources will be required to settle or a reliable estimate of the amount cannot be made.

Contingent assets: Contingent Assets are neither recognized nor disclosed in the financial statements.

xiv) Cash and cash equivalents

Cash comprises cash on hand and balance with banks. Cash equivalents are short-term highly liquid investments that are readily convertible into known amounts of cash and which are subject to insignificant risk of changes in value.



(All amounts in INR, unless otherwise stated)

University of Petroleum & Energy Studies**Significant Accounting Policies and Notes to the financial statements****C Notes to the Financial Statements:**

In view of the volume of University operations, it has been decided to prepare these financial statements in compliance with Accounting Standards issued by Institute of Chartered Accountants of India which was not considered mandatory in the past as the University is non profit institution and does not carry any commercial, industrial or business activity. The financial impact of such compliance and disclosures is given in the respective notes on Foreign Exchange transactions and Lease payments.

1 Cash & Bank Balances:

Cash & Bank Balances includes a fixed deposit of Rs. 2.20 Crores made against permanent endowment fund of the university as per requirement of clause (1) & (2) of section 41 of the UPES Act. Fixed deposits of Rs. 2.60 Cr (previous year Rs. 3.21 Cr) pledged.

2 Employee benefits**Defined contribution plan**

The University has recognized Rs. 6,84,27,747 (March 31, 2021 Rs. 6,92,04,450) for provident fund contributions and Rs. 241,214 (March 31, 2021 Rs. 1,81,930) for ESI contributions in the statement of income & expenditure account. The contribution payable to these plans by The University are at rates specified in the rules of the schemes.

Defined benefit plan

Defined benefit plan of The University is unfunded. The present value of obligation is determined based on actuarial valuation using the Projected Unit Credit Method, which recognizes each period of service as giving rise to additional unit of employee benefit entitlement and measures each unit separately to build up the final obligation. The obligation for leave encashment is recognized in the same manner as gratuity.

I. Changes in present value of defined benefit obligations:

Particulars	Gratuity	Gratuity
	March 31, 2022	March 31, 2021
Present value of obligation as at the beginning of the year	462,310,359	526,407,381
Acquisition adjustment	-	-
Current service cost	81,524,670	87,664,472
Interest cost	31,252,180	36,427,391
Past service cost	-	-
Actuarial (gain) / loss on obligations	(95,604,777)	(161,696,410)
Benefits paid	(22,834,468)	(26,492,475)
Present value of obligations at the year end	456,647,964	462,310,359

II. Amount to be recognized in Balance Sheet

Particulars	Gratuity	Gratuity
	March 31, 2022	March 31, 2021
Present value of obligation as at the end of the period	456,647,964	462,310,359
Fair value of plan asset as at the end of the period	-	-
Funded status/ difference	456,647,964	462,310,359
Net asset/(liability) recognised in balance sheet	(456,647,964)	(462,310,359)
Recognized as under:		
Long term provisions	445,502,583	452,506,682
Short term provisions	11,145,381	9,803,677

III. Expenses/ (Income) recognized in the statement of Income & expenditure account

Particulars	Gratuity	Gratuity
	March 31, 2022	March 31, 2021
Current service cost	81,524,670	87,664,472
Past service cost	-	-
Interest cost	31,252,180	36,427,391
Net actuarial (gain)/ loss recognised in the period	(95,604,777)	(161,696,410)
Expenses recognised in the income & expenditure account	17,172,073	(37,604,547)



IV. Actuarial assumptions

Particulars	Gratuity	Gratuity
	March 31, 2022	March 31, 2021
Mortality table (LIC)	IALM (2012-14)	IALM (2012-14)
Discount rate (per annum)	7.18 %	6.76%
Rate of escalation in salary (per annum)	15.00%	15.00%
Retirement age	60/65 years	60/65 years

V. Amounts recognised in current year and previous four years

Particulars	Gratuity	Gratuity	Gratuity	Gratuity
	March 31, 2022	March 31, 2021	March 31, 2020	March 31, 2019
Defined benefit obligation	(456,647,964)	(462,310,359)	(526,407,381)	(527,553,137)
Surplus / Deficit	69,138,190	171,434,475	61,131,821	55,840,807

3 Leases

Operating leases:

The University has taken premises on operating lease from various parties, lease payments amounting to Rs. 32,79,74,240 (March 31, 2021 Rs. 33,65,97,171) out of which Rs. 30,48,17,305 pertains to non-cancellable operating lease from various parties (March 31, 2021 Rs. 28,35,42,358) has been recognised in the statement of income & expenditure account. With respect to non-cancellable operating lease the future minimum lease rentals are as follows:

Particulars	For the year ended March 31, 2022	For the year ended March 31, 2021
Not later than one year	272,868,549	253,859,666
Later than one year and not later than five years	418,564,329	630,798,089
More than five years	416,940,885	86,014,970
Total	1,108,373,763	970,672,726

4 Related party disclosure

Nature of relationship	Name of related party
Sponsoring Society	Hydrocarbons Education & Research Society
Controlled Enterprise	UPES Council For Innovation and Entrepreneurship
Office Bearers	Dr. S.J. Chopra (Chancellor of The University) Dr. Sunil Rai (Vice - Chancellor of The University) Dr. Veena Dutta (Registrar of The University) upto 31-January-2022 Mr. Manish Madaan (Registrar of The University) w.e.f from 01-February-2022 Mr. Navneet Mehta (Finance Officer of The University)

Particulars	Sponsoring Society	Office Bearers	Total
Courseware and industry service fees paid	46,324,274 (35,602,657)	- -	46,324,274 (35,602,657)
Salary & related payouts	- -	41,942,209 (22,948,979)	41,942,209 (22,948,979)
Amount outstanding as at March 31, 2022			
Trade payable			
Hydrocarbons Education & Research Society			
Investment			
UPES Council For Innovation and Entrepreneurship	51,000 (51,000)	-	51,000 (51,000)

Note 1 : Previous year's figures are given in brackets.

Note 2 : Related parties considered as per the provisions of Income Tax Act.

5 Capital commitments

Particulars	As At March 31, 2022	As At March 31, 2021
Estimated value of contracts in capital account remaining to be executed (Net of capital advances)	80,745,760	44,734,482

6 Contingent liabilities

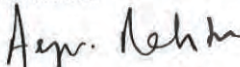
Particulars	As At March 31, 2022	As At March 31, 2021
Claims against The University not acknowledged as debts	2,257,560	2,257,560
Income tax matters***	215,620,644	186,300,000
Total	217,878,204	188,557,560



Note: During the current year, a survey was conducted at the premises of the UPES by the Income Tax Authorities under section 133A of the Income Tax Act, 1961 and subsequently notices for reopening of assessment under section 148 have been received for AY 2013-14 to 2017-18 and 2019-20. Since the proceedings are in preliminary stage, the liabilities, if any, in this respect can not be ascertained. However, UPES does not perceive any adverse implication against the said notices.

- 7 Previous year figures have been regrouped and recasted wherever necessary to conform to the current year's classification.

In terms of an report of even date
For Raghu Nath Rai & Co.
Chartered Accountants
FRN: 000451N

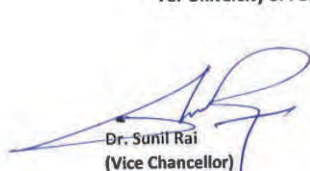

Arjun Mehta
(Partner)
Membership Number: 097685

Place : New Delhi

Date: 23 SEP 2022



For University of Petroleum & Energy Studies


Dr. Sunil Rai
(Vice Chancellor)


Navneet Mehta
(Finance Officer)

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Income & Expenditure statement for the year ended on 31st March 2022

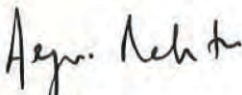
(Amount in Rs.)

Particulars	Note No.	Year ended 31st March 2022	Year ended 31st March 2021
Income			
Income from Academics	14	4,54,21,37,682	3,83,27,17,226
Interest Income	15	14,47,14,530	22,35,55,460
Total Income	(A)	4,68,68,52,212	4,05,62,72,686
Human Resource & Related Costs	16	2,14,41,24,366	1,81,63,66,822
Education Expenses & Student Activities	17	1,95,30,09,932	1,70,19,03,032
Research & Innovation Expenses	18	4,21,92,223	3,47,53,093
Administrative Expenses	19	41,52,30,824	37,98,49,136
Rent, Rates & Taxes		32,80,14,240	33,65,97,171
Finance cost	20	11,69,577	31,89,509
Total Expenditure	(B)	4,88,37,41,162	4,27,26,58,763
Surplus/(Deficit) before Depreciation	(C)=(A)-(B)	(19,68,88,950)	(21,63,86,077)
Depreciation and amortization expense	7 & 7A	18,31,09,501	20,70,22,570
	(D)	18,31,09,501	20,70,22,570
Surplus/(Deficit) after Depreciation	(E)=(C)-(D)	(37,99,98,451)	(42,34,08,647)
Appropriations:			
-to Endowment Fund (Interest on Fixed Deposit)		1,81,998	51,891
-to Development Fund (Interest on Fixed Deposit)		5,45,993	1,55,673
	(F)	7,27,991	2,07,564
Surplus/(Deficit) Transferred to General Fund	(G)=(E)-(F)	(38,07,26,442)	(42,36,16,211)

Significant Accounting Policies and Schedule to Accounts are integral part of financial statements

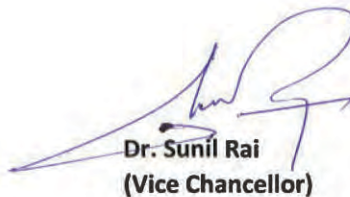
As per our report of even date

For Raghu Nath Rai & Co.
 Chartered Accountants
 FRN:- 000451N



Arjun Mehta
 (Partner)
 Membership No.: 097685

For University of Petroleum & Energy Studies



Dr. Sunil Rai
 (Vice Chancellor)



Navneet Mehta
 (Finance Officer)

Place: New Delhi

Date : 23 SEP 2022



14 Income From Academics

(Amount in Rs.)

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Gross Course Fees	4,23,78,01,667	3,79,78,82,664
Less: Scholarship Expenses	32,32,40,721	24,32,44,965
Less: Finance Subsidy to students	38,543	6,72,99,909
Net Course Fees	3,91,45,22,403	3,48,73,37,790
Tuition Fees from Distance Students (CCE)	14,80,63,860	10,89,87,953
Hostel Fees	18,24,09,582	5,97,32,367
Other Fees	22,38,00,934	10,10,02,713
Enrolment Fees	4,82,20,560	3,68,18,153
Consultancy Income	13,97,548	1,44,79,040
Corporate Training Income	1,34,11,257	21,34,184
Miscellaneous Receipts	1,03,11,538	2,22,25,026
Total	4,54,21,37,682	3,83,27,17,226

15 Interest Income

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Interest on Fixed Deposit Receipts	9,62,47,682	17,47,83,443
Interest on Saving Bank Accounts	4,84,66,848	4,87,72,017
Total	14,47,14,530	22,35,55,460

16 Human Resource & Related Costs

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Staff, Faculty & Related Costs	2,08,45,72,844	1,79,49,01,547
Academic Professional Charges	5,95,51,522	2,14,65,275
Total	2,14,41,24,366	1,81,63,66,822

17 Education Expenses & Student Activities

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Student Welfare/Training Expenses	70,33,44,577	77,89,38,702
Examination Expenses	81,16,325	1,24,00,684
Laboratory Expenses	21,21,989	39,77,292
Library Journals & E-Journals	1,55,70,602	1,38,53,598
Other Library Expenses	8,05,22,796	5,39,34,364
Industrial Tour Expenses	37,760	13,20,280
Royalty & License Fees	9,72,85,358	4,52,12,918
Academic Partner's Expenses	6,06,84,519	7,30,37,196
Hostel Lodging & Boarding Expenses	3,20,48,389	86,21,918
Students Promotion Activities Expenses	59,37,30,463	38,03,34,684
Admission related Expenses	35,95,47,154	33,02,71,396
Total	1,95,30,09,932	1,70,19,03,032



18 Research & Innovation Expenses

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Research & Development Expenses	2,36,62,564	1,98,28,851
Seed Money Expenses	8,75,376	20,81,902
Incubation Expenses	19,87,605	26,08,754
Faculty Development Expenses	1,56,66,678	1,02,33,586
Total	4,21,92,223	3,47,53,093

19 Administrative Expenses

Particulars	Year ended 31st March 2022	Year ended 31st March 2021
IT Hardware & Software Expenses	4,73,67,589	5,20,59,169
Electricity, Generator & Water Expenses	1,97,43,741	80,62,532
Festivals & Functions	45,09,571	39,99,457
Statutory Auditor's Fees	5,60,500	5,60,500
Legal Expenses	1,23,02,393	1,34,81,407
Professional and Consultancy Charges	2,07,32,600	6,02,24,240
Communication Expenses	55,81,738	54,21,015
Insurance Expenses	3,51,60,875	2,86,54,204
Printing & Stationary	45,80,639	35,67,171
Repair & Maintenance- Physical Facilities	1,67,49,940	1,40,22,680
Repair & Maintenance- Academic Support Facilities	1,09,25,028	44,46,822
Green Initiative Expenditure	1,67,17,536	2,58,21,883
Advertising, Publicity & Placement Expenses	17,45,69,197	9,62,90,683
Travelling ,Transportation & Hotel Expenses	1,13,62,048	39,66,169
Housekeeping/Security Expenses	3,38,42,322	3,57,18,789
Other Administrative Expenses	5,25,107	2,35,52,415
Total	41,52,30,824	37,98,49,136

20 Finance Cost

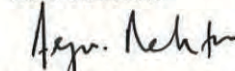
Particulars	Year ended 31st March 2022	Year ended 31st March 2021
Interest on Overdraft account	-	22,89,285
Bank Charges	11,69,577.00	9,00,224
Total	11,69,577.00	31,89,509

As per our report of even date

For Raghu Nath Rai & Co.

Chartered Accountants

FRN:- 000451N



Arjun Mehta

(Partner)

Membership No.: 097685

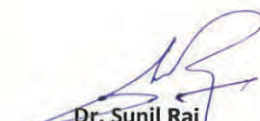
Place: New Delhi

Date :

23 SEP 2022



For University of Petroleum & Energy Studies


 Dr. Sunil Rai
 (Vice Chancellor)


 Navneet Mehta
 (Finance Officer)



www.upes.ac.in | registrar@upes.ac.in | vc@upes.ac.in

ENERGY ACRES : Bidholi Via Prem Nagar, Dehradun-248007, Uttarakhand, India
KNOWLEDGE ACRES: Kandoli Via Prem Nagar, Dehradun-248007, Uttarakhand, India