



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES ANNUAL REPORT 2016 - 2017

NATION BUILDERS UNIVERSITY



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UNIVERSITY OF PETROLEUM & ENERGY STUDIES [UPES]

VISION AND MISSION OF UPES

VISION

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

MISSION

- To develop industry focused professionals with global outlook in Energy, Infrastructure, Transportation, IT and allied sectors.
- To deliver world class education meeting or preferably exceeding students' expectations.
- To inculcate integrative thought process among students that draws professional respect.
- To develop knowledge creation environment through training, research & development, and consultancy.
- To facilitate effective interactions among faculty and students, and foster networking with stakeholders.
- To practice and promote high standards of professional ethics, transparency and accountability at all levels.
- To develop environmentally sustainable & reciprocal relationship with society at large.

CHANCELLOR'S MESSAGE

I am extremely delighted to present the Fourteenth Annual Report of UPES. UPES has seen a steady growth and is a preferred choice of students and their parents.

This year has seen UPES developing further in curricular, extra-curricular activities and the academia-industry interface.



The Annual Convocation of the University was held at the Campus facility on 12th June 2017. Dr. K.K. Paul, the Hon'ble Governor of Uttarakhand & Visitor UPES presided over the Convocation. Shri Prakash Javedkar, Hon'ble Union Minister of Human Resource Development, GoI; Hon'ble Shri Trivender Singh Rawat, Chief Minister of Uttarakhand; Dr. Dhan Singh Rawat, Minister of State (Independent Charge – Higher Education, Cooperatives & Protocol) & Mr. Phil Shaw, CEO, Lockheed Martin India Pvt. Ltd also graced the ceremony.

The University is pleased to announce that 1409 students of School of Engineering, 590 students of School of Business and 206 students of School of Law graduated this year. Apart from this, 33 Ph.D Scholars (20 from Engineering & Sciences, 11 from Management and 2 from Law) received their Ph.D Degrees. Congratulations to all of them and we are proud of their achievements.

UPES successfully placed 90%+ of the eligible students during the Academic year 2016-17.

UPES continues to augment its infrastructure facility at Campus - New Academic Block "AB-11" has been added which provides for additional laboratory and faculty seating area.

UPES Team Astral, competed with other global teams from reputed Universities like Arizona State, University of Manchester, Princeton University, etc and won the CanSat Competition 2017 at Tarleton State University, Stephenville, Texas, USA.

Five teams (**including two teams from UPES**) were selected from all over India for the India Innovates Growth Program 2017 amongst the 1500 applications received from various Universities and Institutions.

As a further fillip to our Industry – Academia interface, UPES continues to organize Round Table conferences for many sectors such as Law, Aerospace, IT, Oil & Gas, HR, Power etc. to discuss pertinent issues and augment industry/academia interaction.

Through Project "**Abhigyat**", a unique and novel initiative for faculty to gain insights and skills through Industry exposure to enrich classroom teachings, about 100 faculty members spent time at various industries and other organizations this year.

As part of our Faculty Development & Research, UPES organizes various national and international Seminars/Conferences. Some of these include "Nano For Energy and Water and Indo-French Workshop on Water Networking, Next Generation Computing Technologies (NGCT 2017), Water Laws and Resources Management: Challenges and Way Ahead, etc.

UPES Foundation Day was celebrated on 8th August 2017. Dr. Kota Harinarayana (Satish Dhawan Chair of Engineering Excellence, Indian National Academy of Engineering (INAE) and Advisor NAL & Former Vice Chancellor, Hyderabad University) delivered the “Foundation Day Lecture”.

The 5th Annual UPES Distinguished Lecture in Chemical Engineering was delivered by Dr. Uday S. Agarwal, FNAE, President (R&D), Grasim Industries Pvt. Ltd, Mumbai. Dr. Agarwal spoke on “**Innovation in Industry: What it Takes**”.

To celebrate Teachers Day (5th September 2017), Prof. A.P. Dimri, Climate Research and Simulation Laboratory (CRSL), School of Environmental Sciences, Jawaharlal Nehru University, New Delhi delivered a lecture on “**Climate Challenges in the Himalayan Region in this Century**”. Prof. Dimri was also conferred the UPES “**Shiksha Ratna Award 2017**”

UPES would like to express its gratitude to the Hon’ble Governor of Uttarakhand Dr. K. K. Paul, the Visitor to the University and the distinguished Members of our Boards for their continued guidance and support. We also appreciate the continued support of the Government of Uttarakhand.

We assure all our stakeholders our deep commitment to develop UPES as a world class institution.

Dr. S. J. Chopra
Chancellor

VICE CHANCELLOR'S REPORT

It is an honour for me to present the Annual Report 2016-17 of UPES. Majorly done under the able guidance of my predecessor; nonetheless 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.



UPES with more than 500+ faculty members is continuously striving to have the best from the academic circles and industry. It has always strived to raise the benchmark of quality of education across its various disciplines – from Engineering to Management and from Law to Design and Computer Science.

Today UPES is among the few universities to have an institutional framework to train its faculty members through industry internship program. At UPES we call it 'Abhigyat', which is an industry –faculty immersive programme that enables faculty members to correlate theory with practical application and enhances their teaching quality. It's an experience that motivates the faculty to discover oneself. More than 100 faculty members opted for Abhigyat this year.

Research & Development is on an upswing at the University. At present, UPES faculty members along with students are involved in 15 projects with an estimated worth of INR 61 Million funded by organizations like DST, Indian Space Research Organization, Pollution Control Boards, Uttarakhand Jal Vidyut Nigam Ltd. etc. Research collaborations with UK, Italy, South Korea, France, Japan, France etc. have been established for carrying out joint research work. Faculty members also filed several patents this year in addition to writing many scholarly articles in reputed journals.

Let me briefly share with all of you the achievements of various Schools at UPES. It's a matter of pride that School of Law, UPES has been ranked 2nd in Northern India region and ranked 7th overall in the country in the category of Eminence by Global Human Resource Centre (GHRDC) Law School Survey 2017.

UPES participated in the National Ranking Institutional Framework 2017 and were in the rank band of 151-200 in Engineering Category and rank band of 101-150 in Overall Category.

UPES inked a prestigious MOU with NITI Aayog. It provides a framework to collaborate on design, developing and conducting consultative policy dialogue and business research to promote and enable high level energy efficiency policy formulation in India by jointly undertaking several collaborative studies.

The University organized several conferences, seminars and workshops during the academic year. Some of them are : International Conference on Nano for Energy and Water, NEW-2017 with 300 + participants, including speakers from USA, Canada, South Korea, Slovenia, France, Malaysia and Bangladesh by School of Engineering; International Conference on Management and Infrastructure conducted by School of Business; 3rd National Trial Advocacy Competition in partnership with the Moot Court Association and 2nd National Mediation Competition – Maadhyastham by School of Law; CIT – Conclave 2016 on Recent trends in Information Technology by School of Computer Science; and Inaugural Design Conclave by School of Design.

School of Business had an eventful year where it successfully received IACBE accreditation for its MBA programs in Oil & Gas and Logistic & Supply Chain Management. It also inked a tie-up with Chartered Institute of Management Accountants (CIMA, United Kingdom) for its undergraduate programs : (BBA- All Domains), BBA (Finance and Accounts) and MBA- all domains. It's tie-up with ACCA-The Association of Chartered Certified Accountants, which is an UK based professional accountancy body whose certification is accepted and recognized in 183 countries, will give students the necessary edge. School of Business also inked a collaboration with Department of Economics & International Business (DoEIB). This will enable in getting its flagship program- MBA (International Business)- affiliated with NSDC (National Skill Development Corporation) through its Sector Skill Council, AMHSSC.

School of Engineering on the other hand has formalized an association with Aditya Birla Group by signing a 5-year MoU with GRASIM for internship of the M. Tech Chemical Engineering students with specialization in Process Design program.

School of Computer Science, in addition to IBM, also has an academic collaboration with Xebia for offering B.Tech in Big Data and DevOps.

School of Design signed academic collaborations with Auto-Desk and General Motors for joint offering of programs.

Like every year, this year too our students have done us extremely proud by winning many prestigious and challenging competitions. Following are some of their achievements worth mentioning:

- Team Astral won CanSat-2017 competition at the USA: Team Astral comprising engineering and design students proved their mettle to grab first rank globally at CanSat-2017. CanSat is a prestigious annual design-build-fly competition with space related themes organized by American Astronautical Society (AAS) and American Institute of Aeronautics and Astronautics (AIAA). Competing with 40 teams across the world in the finals this year in Texas, USA including Princeton University, University of Manchester, University of Alabama, VIT University and National Aviation Academy, this UPES multi-domain team of 23 students emerged as a winner and brought laurels.
- Team Dirt Marshall 2.0 secured 1st rank in "Sledge Pull" at BAJA 2017 under SAE INDIA and won INR 1 lakh as cash prize.
- Team Phoenix from B. Tech Aerospace engineering with specialization in Avionics won 2nd prize and Trophy in the first ever Autonomous Drone Design & Flying Competition.
- Team Futuristic from Department of Electronics Instrumentation & Control Engineering won INR 5 lakhs for product development on reaching the finals of "DST & Texas Instruments Inc. India Innovation Challenge Design Contest 2016."
- School of Law, Moot team won the 4th North Cap University National Moot Court Competition, 2017.
- Vignesh Vasuktan of School of Design got nominated in the top twenty list of International Train Design Contest held in China.
- Gobind Deep Singh of School of Computer Science stood 2nd in India and 9th globally at the Hackathon competition conducted by IBM Watson.

...and many more.

UPES welcomed several international students this year at its beautiful campus. The University signed MoUs with EPF University of France and University of Akron, USA in 2016-17. A high level French delegation visited the Dehradun Campus in an effort to further strengthen Indo-French academic collaboration.

A number of our students bagged international internships and about 41 foreign students are on campus under student exchange program.

UPES has always valued the need of good infrastructure for making lives of more than 11,000 students and few thousand other people including staff and faculty, comfortable and secure. We have built Academic Block 10 at Bidholi Campus to address the requirement of more classrooms and Block-11 is under construction. Kandoli Campus has also been completely renovated and new peripheral wall accentuates its look and ambience. At the same time, IT infrastructure has been further strengthened. After an intensive audit SAP has re-certified UPES as a Customer Centre of Expertise. SAP function deepens with Student Payment Cart, Blackboard integration etc.

Keeping up its commitment of returning to the society, UPES continued to make a positive impact on the lives of hundreds of people from villages in vicinity of its campus and others from hinterland of Uttarakhand, through its major CSR activities in the areas of education, healthcare, blood donation, rural women livelihood & empowerment, skilling & awareness campaigns etc. during the academic year 2016-17. A three-day training workshop on 'Panchayati Raj' for the adjoining villages Gram Sabhas and skilling of jail inmates of Dehradun Jail were amongst the prominent activities during the said period.

The donation of 2124 units of blood collected during its 'Blood Donation Camp' in April 2017 is the highest ever, through a single camp, by an educational institution in Uttarakhand so far.

The University also launched the GEN NEXT TOOL wherein students can log in for a single window clearance for all kinds of grievances and support requests.

Uurja- the annual festival of the University saw great participation of students in its flagship events like Footloose, War of Bands, Talent Hunt etc.

In addition to these great achievements and initiatives, academic year 2016-17 saw more than 90% of our eligible students successfully placed in reputed companies.

And the journey towards excellence continues.

Dr. Deependra Kumar Jha
Vice Chancellor, UPES

CORPORATE GOVERNANCE

- Established & Governed by the “University of Petroleum & Energy Studies Act, 2003 (Act No. 15 of 2003) as passed by Uttarakhand State Legislature and notified in Uttarakhand Govt. Extraordinary Gazette dated July 10, 2003
- Approved u/s 2(f) of UGC Act vide University Grants Commission’s notification no. F.9-20/2003 (CPP-I) dated June 4, 2004
- Re-accredited by National Assessment & Accreditation Council since October 2013

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

 Board of Governors	Highest regulatory body to lay down policies, approve 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 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 [2015-2018]

CHAIRMAN

Dr S.J Chopra

Chancellor

University of Petroleum & Energy Studies

MEMBERS

Nominee of Govt. of Uttarakhand

Principal Secretary (HE), Government of Uttarakhand

Five Members Nominated by HERS

Mr. Utpal Ghosh, President, UPES

Mr. Sachin Jain, Secretary, HERS

Mr. Rajat Mukherjee, Partner, Merger and Acquisition Practice Group, Khaitan & Co. Law Firm

Mr. Yudhister Bahl, Chairman, HERS

Dr. Arun Nigavekar, Former Chairman, UGC, Pune

Nominee of IIT / IIM / IIS / ISM / IIP nominated by Chancellor

Prof. Surendra Prasad, Professor, Indian Institute of Technology, New Delhi

Three Academician Nominated by the Visitor (19th April 2013 to 18th April 2016)

Shri K.M. Sahni, IAS (Retd), Former Secretary to Gol

Shri. J.K. Batish, Former Chief Hydrologist, Dept. of Agriculture, Government of Haryana

Mr. Davinder Sandhu, Partner KPMG

Three nominees of O & G Cos., nominated by the Chancellor

Ms. Nishi Vasudeva, Former CMD, HPCL

Mr Arun Balakrishnan, Former CMD – HPCL

Shri S.Y. Siddiqui, Chief Mentor, Maruti Suzuki India Ltd

MEMBER SECRETARY

Dr. Deependra Kumar Jha,

Vice-Chancellor

University of Petroleum & Energy Studies

BOARD OF MANAGEMENT
[2015-2018]

CHAIRMAN

Dr. Deependra Kumar Jha,
Vice-Chancellor
University of Petroleum & Energy Studies

MEMBERS

Nominee of Govt. of Uttarakhand

Principal Secretary (HE), Government of Uttaranchal

Five Nominees of HERS

Mr. Utpal Ghosh, President, UPES

Mr. Yudhister Bahl, Chairman, HERS

Mr Randeep Sisodia, President, HERS

Vacant

Vacant

Nominee of IIT / IIM / IIS/ ISM / IIP nominated by Chancellor

Dr. Suman Bhattacharya, National Head – ODL, TCS

Two Professors of the University by rotation on the basis of seniority for a period of 1 year

Dr. S.K. Banerjee, Associate Dean (College of Engineering Studies), Department of Mathematics, UPES

Dr. Atul Razdan, Associate Dean (UG Business School), UPES

Two Deans of the Faculties nominated by the Chancellor

Dr. D.N. Pandey, Director (CoMES), UPES

Dr. Kamal Bansal, Dean (CoE), UPES

SECRETARY

Ms. Deepa Verma

Registrar

University of Petroleum & Energy Studies

**ACADEMIC COUNCIL
[2015-2018]**

CHAIRMAN

Dr. Deependra Kumar Jha,
Vice-Chancellor

MEMBERS

Pro-Vice Chancellor

Mr. Utpal Ghosh, President, UPES

Deans of the Faculties

Dr. Kamal Bansal, Dean (College of Engineering Studies), UPES

Dr. D.N. Pandey, Director (College of Management & Economic Studies), UPES

Dr. Tabrez Ahmad, Director (College of Legal Studies), UPES

Two Professors other than Deans by rotation in order of seniority

Dr. Manish Prateek, Director, College of Engineering Studies, UPES

Dr. Suresh Kumar, Director, Dept. of Mechanical Engineering, College of Engineering Studies, UPES

One Member from Amongst the Heads of Constituent Colleges/Centres to Be Nominated by The Vice Chancellor

Prof. Subir Ranjan Das, Vice President (Academic Affairs), UPES

Five Distinguished Academicians nominated by the Vice Chancellor

Dr. M.O. Garg, Director General, Council of Scientific and Industrial Research

Dr. R K Malhotra, Former Director (R&D), Director General, Petrofed

Vacant

Dr. S.C. Sharma, General Manager- Corporate Planning, ONGC

Prof. J.P. Gupta, Advisor (Quality Assurance), UPES

Twelve Management Professionals

Mr. V.M. Kaul, Former Director (Personnel), PGCIL

Mr. Badrinath Durvasula, Sr. Vice President – Legal, Adani Ports and SEZ Ltd

Dr. Ajay Deshpande, Director (Technology), EIL

Mr. Ashutosh Pasricha, Manager, Schlumberger Information Solutions, Gurgaon

Prof. V.K. Nangia, Head, School of Management, IIT Roorkee

Mr. P.C. Srivastava, Former Executive Director (Health, Safety & Environment), BPCL, Mumbai

Mr. R.B. Madhekar, Former Dy. Director, MACE, Gurgaon

Dr. K. Munshi, Director, Industrial Design Centre, Indian Institute of Technology Bombay

Mr Atul Kumar, Former GM & Head, Larsen & Turbo

Mr. Ravi Sundaram, Director, GENGRS Geotechnica Pvt Ltd

Vacant

Vacant

Nominee of Bar Council of India (Special Invitee)

Mr. Vijay Bhatt, (Advocate) – HC Nainital & Member – BCI Trust, Nainital

SECRETARY

Ms. Deepa Verma,

Registrar,

University of Petroleum & Energy Studies

FINANCE COMMITTEE
[2015-2018]

CHAIRMAN

Dr. Deependra Kumar Jha
Vice-Chancellor
University of Petroleum & Energy Studies

MEMBERS

Nominee of Govt. of Uttarakhand

Secretary (HE), Government of Uttarakhand

Pro-Vice Chancellor

Mr. Utpal Ghosh, President, UPES

One Dean on basis of Seniority

Dr. Kamal Bansal, Dean, College of Engineering Studies, UPES

Nominee of Chancellor

Mr. Sachin Jain, Secretary, HERS

Nominee of Board of Governors

Mr. Yudhister Bahl, Chairman, HERS

MEMBER SECRETARY

Mr. Sanjeev Kumar Goyal
Finance Officer,
University of Petroleum & Energy Studies

OFFICERS OF THE UNIVERSITY

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

- ✚ the Visitor (Governor of Uttarakhand)
- ✚ the Chancellor
- ✚ the Vice Chancellor
- ✚ the Pro-Vice Chancellor
- ✚ the Deans of Faculties
- ✚ the Registrar
- ✚ the Finance Officer
- ✚ other officers as declared by the Statutes to be officers of the University

MEETINGS OF STATUTORY AUTHORITIES AND MAJOR DECISIONS TAKEN

During the period under report, the record of meetings held and important decisions taken are given below:

(i) BOARD OF GOVERNORS

Meeting No	Date	Major Decisions Taken
BOG/Special/FEBRUARY/2017	6-Feb-17	<p>The Board approved the revision of UPES Charter for inclusion of the following areas of instruction: Humanities, Social Sciences, Natural Sciences, Technology, Medical & Health Services and Formal Sciences</p> <p>It was informed that H.E. Governor of Uttarakhand has already been briefed about the expansion, who showed his appreciation and advised to file the application with Principal Secretary (HE). H.E. also opined that the entire process including Legislation etc would take at least 6 months. The Board while approving the revision in Charter and filing the application with the Government, suggested following measures to be taken care of:</p> <ul style="list-style-type: none"> • Definition of areas of instruction as per UGC • Potential for Job Creation in various courses • Quality of Resources (both Faculty and Physical required) • To benchmark our proposal on Charter Expansion with other Universities Act so that it is all encompassing • Market Research to be conducted for launching of programs • Focus on areas, which are innovative in nature
BOG/41/SEPTEMBER/2017	22-Sept-17	<p>The Board while taking note of the need of change of UPES brand with values and timelines for its launch both internally and externally expressed that the members to be informed about the New Logo Launch.</p> <p>Adopted Audited Accounts of UPES for financial year ending 31st March 2017 and suggested in further meetings to invite Auditors while presenting the Audited Statements to the board for approval.</p>

		Took note of the appointment of Dr. Deependra K Jha as Vice Chancellor of UPES effective from 8 th August 2017.
BOG/042/DECEMBER/2017	22-Dec-2017	Approved the Financial Budget for the calendar year 2018
		The Board considered and approved the Draft Annual Report of UPES for the year 2016-17
		Interacted with UPES alumni – Nilay Mehrotra, B.Tech (Automotive Design – 2011-2015 batch) and a girl student – Monika Sharma, B.Tech Aerospace (Specialization in Avionics Engineering – 2015-2019 batch)

(ii) BOARD OF MANAGEMENT

Meeting No	Date	Major Decisions Taken
BOM/043/Sept/2017	22-Sept-17	Approved the Academic Programs, Student Intake in Academic Session 2016-17 as approved by Academic Council.
		Recommended the Audited Accounts of UPES for the year ending 31 st March 2017 for consideration and adoption by the Board of Governors.
		The board took note of the change in bank signature grid as approved by the Finance Committee.
		The Board accorded its interim approval while taking note of the approval granted by Finance Committee to present delegation of financial powers effective 10 th July 2017 to various functionaries of the University. However the board was informed that the Decision Matrix is being reviewed further and the revised Matrix will be put up for approval in its next meeting.
		Considered and approved the proposed scholarship scheme for UPES Alumni effective Academic Session
		Took note of the appointment of faculty and non-faculty including leaving / relieving / termination made by the University duly approved by its Sub-Committee constituted for the purpose vide its meeting held on December 14, 2016.
		The board dissolved the sub-committee constituted vide its meeting held on Dec 14, 2016 and recommended a new Selection Committee to approve appointments and further directed that as per Clause 4.8 of the First Statutes, all selection committee minutes will be approved by the Chancellor before issue of Appointment Orders. All appointments made during the intervening period will be
		Took note of the contracts / MOUs executed from December 11, 2016 till September 2017
		Noted the appointment of Mr. Sachin Jain as Non-Executive Director Finance of UPES in his capacity as Secretary, HERS effective July 1, 2017.

Meeting No	Date	Major Decisions Taken
		Took note of the Corrigendum in the agreement with Education Trademark BV, Netherlands that since these agreements are on auto renew mode, the end date of these agreements be read as “indefinite” unless termination notice is issued by any party.
BOM/044/December/2017	21-Dec-17	<p>Approved the School wise organization structure effective session 2017</p> <p>Approved the faculty recruitment/ number to be made during academic session 2018-19</p> <p>Approved the regulations governing conduct, discipline and appeal 2017</p> <p>Considered and approved the recommendations of the finance committee for revision in fee effective academic year 2018</p> <p>The Board approved the recommendation of the Finance Committee for revision of Honorarium for non-executive members of the Board – Board of Governors, Board of Management, Academic Council and Finance Committee with immediate effect</p> <p>Ratified the appointment of faculty and senior functionaries and the resignations / terminations made by the University</p> <p>Ratified the Contracts/ MoUs executed from 1st September 2017 to 30th November 2017</p> <p>Consired and Recommended the Draft Annual Report of the University for the year 2016-2017 to Board of Governors for Approval</p>

(iii) **ACADEMIC COUNCIL**

Meeting No	Date	Major Decisions Taken
AC/027/MAY/2017	20-May-17	<p>Considered and approved Recommendations of the Board of Studies of the Constituent Colleges with respect to changes in the Course Syllabi proposed for existing and new courses effective Academic Session 2017 with following suggestions:</p> <p>College of Engineering Studies</p> <ol style="list-style-type: none"> 1. Introduction of e-waste management as individual course 2. General clause on History of Management to be included in the basket of Open Electives 3. Electrical mobility to be included in the basket of Open Electives 4. Technological & Ideation Combination projects for Post Graduate Students of M.Tech / M.Des level, wherein students of engineering discipline and design are awarded a joint project. <p>College of Management & Economic</p> <ol style="list-style-type: none"> 1. Innovative Project should be formulated with specific reference to Urban Infrastructure & Smart Cities Students 2. On one of the change proposed in LSCM i.e. change from “Demand Planning and Procurement Management” to “Demand Planning & Forecasting”, it was suggested not to remove procurement Management from the curriculum. 3. While discussing revisions made in the curriculum of MBA PM, the Council wanted to know the relevance and details of course “Power Pricing, PPA & International Contract Management”. Similarly, in MBA IB programme, it was suggested to rename the nomenclature of course “Economics of Management Decisions”. <p>College of Legal Studies</p> <ol style="list-style-type: none"> 1. Legal aspects to be looked into the Course content on Contract Management 2. Mandatory Project to be introduced for Contract Management which is multidimensional on Tech/Legal/Management aspects 3. In order to make the B.Com, LLB Honors with emphasis on Taxation Law more relevant and market oriented, the council suggested for the Introduction of GST, the content of which may be presented in the next Academic Council Meeting for changes retrospectively

Meeting No	Date	Major Decisions Taken
		<p>Approved the proposal for offering extra credit to fast learner students and shifting of HBO courses in VIII semester of B.Tech Programmes and also suggested looking into minimum attendance criteria for these additional courses for which authorization was given to Vice Chancellor.</p> <p>Approved value added certification for undergraduate and post graduate students of BBA (all domains) and MBA (Finance) of College of Management and Economic Studies</p> <p>Approved the proposal for mandatory 2 credit venture ideation program at Undergraduate level across all constituent colleges effective Academic Session 2017.</p> <p>The Council while approving the introduction of Part Time M.Tech program for working professionals suggested looking at various modalities involved and authorized the Vice Chancellor to approve the same</p> <p>Took note of Council approval accorded for introduction of the following new program effective Academic Session 2017:</p> <ol style="list-style-type: none"> 1. BCA 2. BBA (Accounting & Information Systems) 3. BA (Hons.) Economic with Specialization in Energy Economics <p>Ratified and approved the minutes of the admission supervision committee and authorized the Vice Chancellor for any further amendments, if any.</p> <p>Considered & Approved Minor amendments in the Ph.D regulation</p> <p>Approved the introduction of 11-month duration post graduate program in Health, Safety and Environment (PGP-HSE) including its course content which is to be offered through Centre of Continuing Education effective July 2017. The Council suggested change in eligibility criteria as Science & Engineering Graduates from a recognized University with minimum of 50% marks.</p> <p>Approved the results of batches graduating in 2017 and further authorized the Vice Chancellor to approve the results of year back students, if any, so as to enable them to receive their degrees in the 2017 convocation</p> <p>Approved the award of University and Instituted medals for 2017 convocation</p> <p>Approved the Smart Degree Template amended as per the regulation of UGC effective for Graduating Batch 2017. The Council also emphasized that any duplicate degree/correction in degree of earlier graduating batches should also be in Smart Degree Format.</p>

		<p>Took note of Co-option of Dr. Dayanand Pandey, Director of COMES in place of Dr. Anirban Sengupta under “Dean of the Faculties” for residual term upto 31 August 2018</p> <p>Approved the credit transfer from Certified Petroleum Management program to MBA Oil & Gas Management Program</p> <p>Approved the following new evaluation scheme for MBA programs: a. Assignment 50% b. End Term Assessment 50%</p>
AC/028/NOVEMBER/2017	11-Nov-17	<p>The Council approved the Organization Structure and the School Wise Organization structure effective Academic Session 2018</p> <p>The Council while approving the faculty recruitment / number to be made during the Academic Session 2018-19, advised UPES to devise its own norms for recruitment of faculty with emphasis on industry experience.</p> <p>Approved the rectifications of enrollments to various academic programs 2017-18</p> <p>Approved introduction of new programs as under: College of Engineering - B.Tech (CSE) with specialization in Artificial Intelligence and Machine Learning programs in collaboration with IBM</p> <p>School of Design - Proliferation of existing Digital Design program into three different Specializations as Communications & Media Design – Graphics; Communications & Media Design - Animation & VFX and Communications & Media Design – Interaction Design and a new program on Interior & Retail Spaces</p> <p>College of Management & Economics Studies – BBA Power Management</p> <p>College of Legal Studies - B.Sc, LLB Hons with specialization in IPR/ Food, Health & Environmental Law/ Medical and Forensic Law</p> <p>The Council accorded its approval to the draft “Information Bulletin 2018-19” specifying the courses on offer, their intake, eligibility, admission criteria etc. and suggested removing the IAS coaching from BA Public Policy program.</p> <p>The Council further reiterated its earlier decision to allow additional intake of 10% over and above the sanctioned intake in each program to take care of the drop outs.</p>

	<p>Approved re-nomenclature of the following program effective Academic Session 2018:</p> <ul style="list-style-type: none"> • B.Des Transportation Design as B.Des Transportation & Mobility Design • B.Des Industrial Design as B.Des Industrial & Product Design • B.Tech (CSE) with specialization in e-commerce, retail & Automation as B.Tech (CSE) with specialization in e-commerce • B.Tech (CSE) with specialization in Mobile Computing as B.Tech (CSE) with specialization in Mobile Application Development
	<p>Considered and approved the amendment in the Ph.D regulation and suggested that the Draft Regulation be circulated for inputs by the Council before finalization</p>
	<p>Members ratified the approval accorded through circulation for re-approval of the existing programs through Distance Mode as well as launch of new programs as per the UGC new Distance education regulation 2017</p>
	<p>Considered and approved the minor amendments in the eligibility criteria for admission in programs offered through distance mode by CCE of UPES</p>
	<p>Considered and approved the launch of Skill Based Programs which would be Certificate / Diploma programs with emphasis on skill development with 3 to 10 months' duration and the delivery of the program would be online mode with virtual classroom facility</p>
	<p>Approved the constitution of the Academic Equivalence Committee. The Council highlighted the need to take note of the fact that while evaluating different courses, the Committee should keep in mind that many courses which run in foreign countries do not have the same duration vis-à-vis a similar course run in India</p>
	<p>The Council members while approving the continuation of the same Admission Supervision Committee for the Academic Year 2018-19 as previous year suggested that one or two Academic Council members must be taken as a part of the committee. The report of the committee will be tabled at Academic Council for ratification</p>

(iv) FINANCE COMMITTEE

Meeting No	Date	Major Decisions Taken
FC/001/MARCH/2017	28-Mar-17	<p>Endorsed the recommendations of the Fee Committee for the course fee of following three new programs effective from Academic Session 2017:</p> <ol style="list-style-type: none"> BBA (Accounting & Information System) BA (Economics with specialization in Energy Economics) Bachelor in Computer Application with integrated training to earn industry certifications

FC/002/JUNE/2017	30-Jun-17	Approved the revised Delegation of Authority Matrix effective from 10 July 2017
		Took note of the change of authorized signatories to National Pension Scheme
		Approved the scholarship scheme for UPES Alumni and recommended to Board of Management for approval
FC/003/SEPTEMBER/2017	22-Sept-17	Resolved that the Audited Accounts of UPES for the Financial Year 2016-17 to be placed before the Board of Management for its consideration and review.
		Approved the change in Banking Signature Grid due to new appointments
		Took note of the appointment of Mr. Sachin Jain, Non-Executive Director Finance, UPES as the “nominee of the Chancellor” on the Finance Committee for the residual term i.e. upto 31 August 2018
FC/004/DECEMBER/2017	21-Dec-17	Approved the Financial Budget for the Calendar Year 2018 and resolved that the Financial Budget be placed for further review before the Board of Management and thereafter with its recommendation for adoption by Board of Governors
		Considered and recommended the revised Honorarium for non-Executive members of the board – Board of Governors, Board of Management, Academic Council and Finance Committee to the Board of Management with immediate effect
		Endorsed the view of the Fee Committee and recommended revision of course fee effective academic session 2018 to the Board of Management

INTERNAL COMPLIANCE

INTERNAL COMPLAINTS COMMITTEE (2017-18)

For the Academic Year 1st July 2017 to 30th June 2018, the “Internal Complaints Committee under the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013” for the UPES would have the following members:

- Mrs Deepa Verma, Director IA - Chairperson
- Ms. Monika Jain – Director, HR
- Dr. Prashant Rawat – Professor & DSA, Convener
- Dr Priya Zadoo, Director RLEK Dehradun – Rep NGO
- Dr. Mandira Aggarwal – Associate Professor, COES
- Dr. Veena Krishnan – Counselor
- Mr. Baij Nath – Legal Advisor/ Representative
- Ms. Anshu Paliwal – Associate Proctor – Member Secretary

Further, for the Academic Year 1st July 2017 to 30th June 2018, the Internal Complaints Sub-Committee under the “**Sexual Harassment of Women at Workplace (Prevention, Monitoring and Gender Sensitization) Act, 2013 – UPES in compliance with Saksham Report**”, the following names are proposed:

- Ms. Monika Jain, Director HR – Chairperson
- Dr. Prashant Rawat, DSA & HOD Nuclear Science, Convener
- Ms. Anshu Paliwal, Associate Proctor – Member Secretary.
- **Members:**
 - ✓ Dr. P C Bhauguna – Associate HOD
 - ✓ Ms. Shilpi Agrawal – Proctor, CoES
 - ✓ Ms. Rajeshwari Deb – Proctor, CoMES
 - ✓ Ms. Shruti Reddy – Proctor, CoLS
 - ✓ Ms. Nandita Mohanta – Sr. Executive, HR
 - ✓ Mr. Ashutosh Dora- Student Affairs Officer

The **objective** of this Committee is to:

- ✚ Prevent discrimination and sexual harassment against women by promoting gender amity among students and employees.
- ✚ By publicizing the policy through multimedia, posters, notices etc.
- ✚ To plan and organize training workshops by outside experts for select groups.
- ✚ To support structured gender sensitization sessions conducted by the UPES counselors for student and faculty/staff.
- ✚ To organize gender sensitization focus groups among campus hostel students.
- ✚ To visit classrooms/ labs/ library/ girls hostels/ campus rounds to randomly ascertain the level of perceptions of safety amongst women. The observations and particulars be recorded.
- ✚ To carry out, crisis management and mediation whenever called upon, to do so.
- ✚ The committee will monitor adequacy of women safety measures like street lighting, traffic regulation etc. and recommend up gradations on as required basis.
- ✚ The committee will have women and student representatives from all the Colleges, who will act as Women Harassment Preventive Cells of respective Colleges.
- ✚ The Committee will also maintain coordination with Women Cell of Dehradun Police to uphold the policy on sexual harassment

In addition, as mandated by UGC following **Gender Champions** have also been identified:

College of Engineering Studies	College of Management & Economic Studies	College of Legal Studies
1. Prashant- B. Tech Mechanical IInd Yr. 2. Nishant Kumar- B. Tech APE Gas Ist yr. 3. Kamaldeep Singh Sodhi- B. Tech APE Gas IInd yr. 4. Mridul Thapa- B. Tech CS OSS Ist yr. 5. Vikash Singh- B. Tech APE Gas IInd yr. 6. Amit Pandey- B. Tech ASE IInd yr. 7. Priyanshu Singhal- B. Tech APE Gas Ist yr. 8. Yaduraj Khullar- B. Tech CSE CCVT IInd yr. 9. Tanya Vashisht- B. Tech CSE IFE IInd yr. 10. Mansha Ranjan- B. Tech CSE CSF IInd yr. 11. Vineet Puri- B. Tech APE Gas Ist yr. 12. Hitanshu Chandel- B. Tech GSE IInd yr. 13. Utkarsh Raj- B. Tech CSE OG IInd yr. 14. Prahlad Kumar Bang- B. Tech Production IInd yr.	1. Kartik Vishwakarma- BBA AM 2. Urja Marwah- BBA OG 3. Sharonn Narsinghni- BBA FSM 4. Vineet Shrivastav- BBA Aviation 5. Aditya Agarwal- BBA FAS 6. Pragya Taneja- BBA FAS	1. Harshika Kapoor – B. Com LLB Sem V 2. Harshit Singhla- – B. Com LLB Sem V 3. Yeshaswini Singh— B. Com LLB Sem V 4. Janmejai Shah- BBALLB FT Sem III

The roles and responsibilities of these Gender Champions are:

- Provide overall guidance to the peer group in integrating/ mainstreaming gender in all activities of the institution in the form of focused group discussions, debates, poster competitions etc.
- Engage a variety of stakeholders from the school, college, civil society organizations, women's groups and media in gender mainstreaming activities.
- Identify gaps in college's activities vis-d-vis gender and make recommendations on how to address these gaps e.g. observe classrooms to detect bias in interactions
- Promote Gender Champion Club in their educational institutions and undertake innovative activities like creating a website or blog on gender equity and regularly writing an equity column on issues on, e.g. untold stories of extraordinary men and women who changed lives of women and girls, about enabling legislations, government schemes or about finding a new Gender Champion in his/her educational institution, or competitions to analyze greeting cards from gender perspective, organize film fest on gender equity etc.
- Organize awareness programmes on various gender issues including legislations to influence behavior change. This could be facilitated through workshops' theme based plays, films, painting competition, etc.

- f) Organize the school annual function or the college fest on theme of gender equality and women's empowerment and encourage students to sign up and express their support for gender justice and equality in attractively designed gender champion booths.
- g) Popularize phone numbers of such services as police helpline, women helpline, hospitals among students.
- h) Arrange for providing necessary life skill education and information/ guidance about existing public services to their fellow students.
- i) Document best practices to measure the extent of behavior change and display the same through exhibitions, fests, annual magazines etc.
- j) Organize exposure visits to various public service institutions at the village, block district and city level (public health centres, hospitals, post offices, banks, police stations, block office, SDM/ DM office to facilitate knowledge about gender issues as they affect diverse populations.
- k) Demonstrate knowledge of important Government schemes, events, legislation and court rulings which has a major impact on the treatment and experience of diverse groups.

During the period **1 April 2016 to 31 March 2017**, following are the Annual return on cases of Sexual Harrassment submitted to UGC

1	Number of complaints of Sexual harassment received in the year	A. 01 case (ICC case of severe nature) B. 02 Cases (DC cases of Eve Teasing of mild nature) C. 01 case (DC case of Eve Teasing of very mild nature) D. 07 cases (Summarily Disposed Cases of eve teasing of extremely mild nature)
2	Number of complaints disposed off during the year	11
3	Number of cases pending for more than 90 days	Nil
4	Number of workshops on awareness programmes against sexual harassment conducted during the year	21 sessions on women safety for students 21 sessions on Gender Sensitization for students.
5	Nature of action	A. Services Terminated B1. Debarred for a month from all the classes and put on Discipline Probation. B2. Debarred from all the assistance in Campus Placement process and put on Discipline Probation. C. Suspended from classes and counselled. D. Counselled and Parents informed.

ANTI RAGGING (2017-18)

For the Academic Year 1st July 2017 to 30th June 2018, the “UGC regulation on Curbing the Menace of Ragging in Higher Educational Institutions, 2009” as promulgated u/s 29 of UGC Act has been adopted by UPES. The Anti Ragging Committee comprises of 27 members including District authorities, Local Media, NGO, Parents, Students and Faculty/ Staff members of UPES.

Annual Anti Ragging Meet did not hold this year.

Measures Adopted by UPES

Sr.	Guidelines	Measures Adopted
1	Incorporation of Anti Ragging Regulations framed by UGC in Instruction Booklet	UPES in its Student Bulletin 2017-18 has incorporated these under section 29 under the title “UGC regulation on curbing the menace of ragging in Higher Educational Institutions, 2009, as adopted by University of Petroleum and Energy Studies”.
2	Online Anti Ragging Affidavits	Affidavits of the freshers in the prescribed format are being received. Affidavits of parents/ guardian from all the freshers on the prescribed format has been received
3	Anti Ragging Committee	Constituted ARC comprising 22 members including District authorities, Local Media, NGO, Parents, Students and Faculty/ Staff members of UPES. Annual ARC meet did not hold this year so far.
4	Anti Ragging Squad (ARS)	Constituted ARS, comprising of 28 Faculty and Staff members of UPES. The squad was strengthened with the support of special SIS Security Personnel’s (26) deployed to work in dedicated manner for Anti Ragging measures. This was in addition to the general security on campus. On Campus ARS Vigilance responsibility was assigned to each member of ARS. They were made the incharge of their respective areas. Guidelines SOP for carrying out ARS duties were circulated to all members of ARS.
5	Anti Ragging Helpline Cards	Telephone no. of all the members of Anti Ragging Committee & Anti Ragging Squad along with an E Mail ID have been printed and distributed amongst the First Year students & posted on notice board in campus and in other private hostels. Students can contact any member of the ARC & ARS or mail their complaint directly to the DSA in case of problem.
6	Bulk SMS	Bulk SMS were sent to all the senior Students and their parents on 20th, 29 th July & 2 nd & 3 rd August 2017, cautioning the students to refrain from indulging in Ragging as it attracts serious penalties and the same was sent to their parents requesting them to advise their wards not to indulge into ragging.

Sr.	Guidelines	Measures Adopted
7	Awareness / Display of Laws and Effects of Ragging	<p>Notices/ Anti Ragging Poster were put up on all notice boards, corridors and the stair cases not only on the campus but also on both on-campus and off-campus (contracted and private) hostels.</p> <p>Stickers having different slogans on ragging/ substance abuse and prevention of RTA were displayed on all the prominent locations. They were readable from a distance.</p>
8	Induction and Orientations	<ul style="list-style-type: none"> ✓ Freshers were registered a week prior to the senior batches and a 04-day Personality Enhancement Programme was run for them. ✓ Each batch of freshers has been divided (on the basis of their stream and course) and a member of the faculty has been assigned as the Course Coordinator. ✓ During induction & orientation by DSA team all the freshers have been informed about the measures university has adopted to prevent Ragging both on campus and off-campus. ✓ A joint mutual introduction session was carried out amongst freshers and their immediate seniors in presence of respective Course Coordinators and College Proctors. This will cover the formal introduction of freshers with the senior students and vice versa. ✓ Fresher's party for each college were held on 27th Aug, 9th, 10th and 16th Sept. 2017 where the senior students hosted the freshers and the freshers performed before the seniors in presence of faculty.
9	Hostels	<ul style="list-style-type: none"> ✓ The security at the On-Campus boys' & girls' hostel has been augmented and care has been taken that the fresher's and seniors are housed in separate blocks. Similar instructions have been given to the off campus (private) hostels. ✓ A list of privately run hostels (GIRLS & BOYS) where ever UPES students are residing has been prepared, wherein contact details of wardens/ owners have been incorporated. ✓ 15 Anti Ragging Affidavits were received out of 82 Private Hostels. Remaining were asked for. ✓ Meetings of all the off campus (private hostels) held on different dates in July & August 2017 and they were made aware of the UGC regulations on Anti-Ragging measures to be adopted. They were asked to abide by the same and ensure implementation of ARM in their respective hostel premises.

Sr	Guidelines	Measures Adopted
		<ul style="list-style-type: none"> ✓ The hostel owners were given hostel kits which comprised of format on Anti Ragging Affidavit, Anti Ragging Poster (2), Anti Ragging Helpline card (2) and guidelines for all the hostel owners to follow. ✓ Surprise checks during the late hours was conducted by the Anti- Ragging Squad as nominated by the DSA to ensure the following; <ul style="list-style-type: none"> i. AR Compliance check ii. To ensure no ragging takes place.
10	Pledge by Students participating in Sports/Adventure & EC activities	All the students participating in any sports, adventure or ECA were/are & will be asked to take a pledge that they will refrain from the menace Ragging, Substance Abuse and violation of Road Traffic Regulations.
11	Undertaking from the Service providers, canteen staff and Food Court Staff	Around 338 people working as service providers at different locations of the University have signed undertaking. Sensitised the service providers, canteen staff and Food Court people, and sought their support for keeping the campus ragging free.
12	Undertaking from UPES Faculty & Staff	All the Faculty & Staff members have signed the undertaking that they will unitedly support for the cause of making campus ragging free.
13	Bilingual handouts on awareness on Anti Ragging & Anti Drug	These handouts were given to all the villagers from Nanda ki Chowki to Bidholi, who have housed students as P.G. /on rent. The purpose was to make them aware of these two evils of the society, as many of them run PG in their home and through them indirectly a message to all the students of UPES. The handout was drafted in two languages English and Hindi.
14	Anti Ragging Movie	Anti Ragging Movie was shown to all the senior students by their respective Course Coordinators along with the presentation on Anti Ragging, prevention of substance abuse and Road traffic accidents to reinforce the message.
15	Goonj of Silence “Nukkad Natak”	During our Annual Youth Festival Fresher’s Party and UURJA, our students perform different acts on social evils. In this they also cover ragging/ substance abuse through mime performance to communicate a message at large to the student community.

Discipline and Grievance DATA

Sr.	Action Points	Total No. Cases Reported	Total No. Cases Redressed
1	Grievances	26 Cases	26 Cases
2	Ragging Cases	06 Cases	06 Cases
Discipline Cases			
1	Major	06 cases	04 cases
2	Minor	35 cases	26 cases
3	Summary Disposal	16 cases	15 cases
1	PDA	21 cases	21 cases
2	Library Defaulters	26 cases	18 cases

UPES's CONTRIBUTION TO THE DEVELOPMENT OF THE STATE OF UTTARAKHAND

SPECIFIC BENEFITS

- 25% academic/tuition fee concession to Uttarakhand domiciled students (subject to income criteria).
- Academic fee waiver scholarships to meritorious students from the State (subject to fulfillment of specific academic criteria).
- Economic development of the State through introduction of highly specialized courses in the field of Oil, Gas, Power, Mining and Transportation with high employment potential.
- Supplementing State Government's efforts by creating facilities for specialized technical education in the State thereby saving precious government resources.
- Giving preference to local candidates in employment.
- Supplementing limited employment potential of the State by providing job placements to Uttarakhand domiciled students in reputed organizations through campus recruitment. This measure is a substantial contribution to the employment potential efforts of the State and will lead to the economic development of the people.
- Undertaking community development programmes for social causes in the State.

FEE CONCESSION TO UTTARAKHAND DOMICILED STUDENTS

As a part of our continued commitment to the society at large, the University extended fee concession to the students under different categories to the tune of Rs.146.89 lakh during the financial year 2016–17.

SCHOLARSHIPS

In addition, UPES has disbursed an amount of Rs.207.17 lakhs towards Scholarships to meritorious students during the financial year 2016–17.

SPECIAL SCHOLARSHIP SCHEME FOR UTTARAKHAND

In order to attract the meritorious students of Uttarakhand, the University offered a special scholarship scheme to the Uttarakhand students. The features of the scholarships are as follows:

- Top 150 students from Uttarakhand state board will be offered admission based on class 12th performance and subject to meet the UPES eligibility criteria
- Merit order allotment of 1 seat per program.
- The seats reserved under this category will be within the 15% reservation for Uttarakhand resident students.
- Should have “Sthai Niwas Praman Patra” (Permanent Residence Certificate)
- Students will be entitled only for 1 scholarship at a time (either through Uttarakhand Board Toppers or through Uttarakhand Resident category)
- 25% of tuition fee waiver for Boys and 35% for Girl students in first year
- The Scholarship will be renewed in the Second Semester provided the student obtains CGPA of 8/10
- Scholarship in subsequent years will be as per merit scholarship policy of the University

PROGRAMMES SPECIFICALLY ORGANIZED FOR DEVELOPMENT OF UTTARAKHAND STATE

COMMUNITY DEVELOPMENT PROGRAMME

PROMOTING PRIMARY EDUCATION:

UPES continued to assist the Uttarakhand Government's efforts towards promotion of education amongst the rural masses in the year 2017 too. A 'Comprehensive Infrastructural Revamping' of 07 Government run Primary Schools was undertaken this year in the villages located within a radius of 5 Kms from UPES campus. Furthermore, the University blessed all the 295 enrolled students of these schools with a complete set of winter attire:

a. Infrastructural works undertaken in each school includes:

- Repairs of Floors & Roofs
- Complete Renovation of Toilets
- Repairs of all Doors & Windows
- Repairs of Furniture
- Plumbing Retro-fitting
- Whitewashing of buildings including boundary walls
- Augmentation of Drinking Water facilities
- Re-painting of all Signages

b. Complimentary Winter Attire was given to each student including:

- Woolen Trek Suit
- Woolen Inner Set
- Socks - 2 Pairs
- Shoes - One Pair



PROMOTION OF GIRL CHILD EDUCATION:

Committed to promotion of Education for the Girl Child, UPES continued to support the education of the under-privileged meritorious girls from villages neighboring its campus this year too. Over the last few years, the University adopted 51 nos. of such girls from the nearby villages and has been supporting them not just only by financing their educational expenses but also by providing them with opportunities & platforms for overall



development of their personality. In the year 2017, the University organized the following activities for the adopted girls:

- Summer Camp: for tutorials, dancing, drawing, painting & sketching
- Outing for Motivational Movies
- Gifting them a 'Dress' each of their own selection
- Gifting of a 'School Bag' each to the younger girls
- Gifting of a 'Wrist Watches' each to the senior girls



PROVIDING EQUITY IN EDUCATION THROUGH 'PROJECT ABHILASHA'

This initiative was launched by UPES in 2004 and has been pursued regularly ever since. The objective of this initiative is to identify under privileged bright students of class 11 and 12 from the hinterland of Uttarakhand and invite them to participate in a month long free of cost residential program in the campus to impart focused training in physics, chemistry and mathematics to enable them to compete and qualify various engineering entrance examinations.

UPES continued to assist the meritorious underprivileged students of Uttarakhand from far flung regions in the year 2017 too.

PROJECT SAMVEDNA: (Day Care for children of construction workers)

The ongoing construction activities in the UPES Campus makes it a transit home to hundreds of construction worker families for specific periods. Many of the workers are accompanied by children, among whom, the infants & the young ones need to be cared for while their parents are working. UPES has been extending care by providing education & day-care to the children of construction workers employed in construction projects within its campus from the past many years. In 2017 too, a 'Day School' was set-up in the Bidholi Campus of the University to cater to the 25+ children of such workers with the following facilities:

- B.A., N.T.T. qualified full-time Teacher
- Full-time Matrons - 2 nos
- Educational Charts & Books
- Toilet facilities
- Mid-day Meal facility; inclusive of a fruit
- Toys & Games
- Drinking water facility
- All Children were gifted with a brand new Woolen dress, socks & shoes on the occasion of 'DIWALI 2017'



SKILLING RURAL WOMEN TOWARDS ECONOMIC EMPOWERMENT:

Reposing full faith in the words of *Diane Mariechild* "A woman is the full circle. Within her is the power to create, nurture and transform". UPES continued to support numerous women empowerment activities for the rural womenfolk from villages established within close proximity to its campus through its project '**Rural Women Technology Park**' that was supported & catalyzed by the **Department of Science & Technology (DST), Govt. of India** in the year 2015. The project catered to three components (i) Paper Recycling (ii) ICT Assisted Art & Craft Design & (iii) Identification & Cultivation of Medicinal & Aromatic Plant Species in project area of Sahaspur Block, Dehradun district (Uttarakhand).

Training & Skilling of rural women in making of green (wood-free) pencils; handicrafts designing (*jewellery, baskets, art & crafts etc.*) through IT intervention and cultivation of aromatic & medicinal plants (*Stevia, Chamomile (tea), Tulsi, Ashwagandha, Sarpagandha, Lemon Grass, Aloe Vera & Kaliyari*) under the '*Women Technology Park*' Initiative of UPES continued in the year 2017 adding to their economic empowerment. Taking the initiative, a step further, UPES also helped the eve-entrepreneurs with various options for marketing of their produce. Newer initiatives are under planning to augment their economic empowerment further in the times ahead.

CONTRIBUTIONS TOWARDS 'SKILL INDIA MISSION': (Skilling of Inmates at Dehradun Jail)

UPES launched a new initiative under its CSR activities in 2017 benefitting the inmates of the Dehradun District Jail. The initiative aimed at skilling the inmates through a Computer Technology Training program wherein 25 inmates were shortlisted & selected for a '90-Hour Training Program' spread over four months inside the jail premises. The participants were trained in 'Hardware & Networking' skills and all of them completed their training successfully. The evaluation process was carried out by a certified agency authorized by the Govt. of India. The objective of this skilling program was to augment the livelihood options of the inmates during the service of their respective sentences and after their release.



SUPPORTING 'LAST MILE GOVERNANCE': (Training in Panchayati Raj)

Panchayati Raj system is an integral part of governance of state of Uttarakhand. UPES has been regularly contributing to the development of the villages around its *Kandoli & Bidholi* campuses. Understanding the existing gaps in *Panchayati Raj* governance system, UPES organized a two-day training for the elected representatives (including the *Gram Pradhans / Deputy Gram Pradhans / Ward Members*) of the neighboring *Villages/Gram Sabhas* this year. The participants attending the training were exposed to various aspects of the Panchayati Raj system that also included understanding their rights & entitlements under the various central & state government schemes.

DOCTOR AT-THE-DOORSTEP:

Continuing its legacy of providing Medical Services to the residents of the neighboring villages on a weekly basis carrying a qualified medical Doctor along with a compounder. The patients were provided with medical services, including medicines, at their doorsteps in their respective villages. All medicines dispensed to the patients were at 'zero cost' to the beneficiaries. UPES was able to touch the lives of approximately 1400 rural patients this year through its Free Medical Mobile Van.

SAVING LIVES: (Annual Blood Donation Camp)

"Save a Life ... Donate Blood" - The noblest of all acts in contributing to the society is giving away a part of your own self. UPES has been conducting 'Blood Donation' Camps in its campus regularly for the past many years in service to the humankind. Continuing the tradition of 'bettering' its own previous records in all spheres, UPES students & Staff members donated **2124 Units of blood** during the Annual Voluntary Blood Donation Camp held at its campus in April this year. **This donation is the highest ever by an educational institution in Uttarakhand through a single blood donation camp so far.** The cumulative equivalent of this donation was approximately 750 liters of blood.

'DIGITAL INDIA MISSION': (Acquainting Rural Masses)

Aligning itself with the 'Digital India Mission', UPES joined hands with the Software Technology Park of India (STPI) in promoting awareness of financial literacy amongst the rural residents of the 9 villages situated in the proximity of its campuses. UPES student volunteers visited the villages of *Upper Kandoli, Lower Kandoli, Bidholi, Saila, Kharakhet, Paundha, Thangaon, Beerapur and Misrajpatti* and physically demonstrated the use of digital transactions applications which included 'SBI Buddy', 'BHIM' and '*99#' through their mobile phones and display of charts in order to acquaint the residents with the available technology for 'Cashless Transaction' for their personal convenience with special focus on addressing the apprehensions and safety concerns. The student volunteers were also assisted by the faculty and STPI Officers.

IT SUPPORT TO VEDIC STUDIES: (Modern Technology aiding the Ancient Education)

Reaffirming support towards 'Education for the youth' in any form, UPES took upon itself the task of providing 'Technology Support' to 'Shrimad Dayanand Arsh Jyotirmath, Gurukul' established within close proximity to the UPES campus amidst the dense forest surroundings at Paundha. Operating on the principles of 'self-sustenance', the 18-year-old Gurukul is currently home to over 125 meritorious students pursuing their Vedic studies from all parts of the country. Besides their rigorous education curriculum, the Students at Gurukul are exposed to various sporting activities as well. During the year, UPES provided the following as part of the technology support & equipping its students with IT skills:

- 5 Nos. Laptops;
- 5 Nos. Desktops
- Volunteers (UPES Students and Staff) to train the Gurukul teachers & students.

INDUSTRY LINKAGES

Recognising UPES' commitment towards delivering domain focused programs, several organisations of national and international repute have pledged to invest knowledge resources in the university. Not only that, many have established labs and knowledge centres within the campus towards the common goal of industry strengthening through superior manpower. MoUs have been signed with several key organisations like IBM, Phillips Carbon Black, L&T. This year the following key MOUs were executed:

MoU with Xebia IT Architects India Pvt. Ltd.

- Offers Two new specializations in DevOps (the technology behind automation) and Big Data has been launched in B. Tech Computer Science & Engineering stream.
- Development of curriculum and courseware for specific course modules
- Training of selected UPES faculty in curriculum and courseware under "Train the Trainer" (T3) methodology
- Responsible for arranging Tech Talks and Seminars by industry experts to connect the students' learning with the industry
- Organize technical Webinars and Xebia Knowledge Exchange (XKE) sessions for UPES students by Xebia Subject matter experts

MoU with NITI Aayog

- Provide framework to collaborate for designing, developing, and conducting consultative policy dialogue and business research to promote and enable high level energy efficiency policy formulation in India.
- Examine the various energy sector issues such as resource availability. Production, consumption, sectorial demand, local and global environmental impacts and implication of changes in energy prices and technology
- Jointly study the impact of renewable penetration on grid integration in India and Japan and Implication of clean coal technologies (CCT) energy scenarios of the two nations
- To build scenario for 2032 and 2047 for India and Japan keeping the intended National Determined Contribution (INDC) commitment of both countries in consideration

MoU with GRASIM (Aditya Birla Group)

- One year internships of M.Tech Chemical Engineering with specialization in Process Design program
- Selected students will work on cutting edge Technology & Research under leading doyens of industry and receive a monthly stipend of Rs 22,000 during the internship.

MoU with Chartered Institute of Management Accountants (CIMA)

- Value added Certification for students of BBA (all domains) and MBA (Finance)
- CIMA will grant 11 exemptions from CIMA's certificate which includes exemption from operational and management level exams to MBA and BBA students. With this accreditation, the students will be able to join CIMA through an accelerated route designed specifically for MBA and BBA graduates of our University.

MOU with the Association of Chartered Certified Accountants (ACCA)

- Value-added Certification for students of BBA (all domains) and MBA (Finance)
- ACCA will grant 6 paper exemptions out of 13 for the ACCA qualification and the student has to write only 7 papers to qualify ACCA

MOU with Multicommodity Exchange (MCX)

- Provision of content and reading materials of the curriculum "Commodity Derivatives"
- Conduct MCX Certified Commodity Professional (MCCP) Certification for UPES students
- Faculty assistance to conduct a Faculty Development Program for UPES teaching staff

ACADEMIC REPORT

● ACADEMIC PROGRAMMES OFFERED AND ENROLLMENTS IN 2017-2018

Courses	Approved Intake	Registered
COLLEGE OF ENGINEERING STUDIES		
B.TECH PROGRAMS		
Aerospace Engineering	60	59
Aerospace Engineering with Specialization in Avionics Engineering	50	40
Applied Petroleum Engineering with Specialization in Gas	130	125
Applied Petroleum Engineering with Specialization in Upstream	130	128
Automotive Design Engineering	70	64
Chemical Engineering with Specialization in Refining & Petrochemicals	130	121
Civil Engineering with Specialization in Infrastructure Development	50	43
Electrical Engineering	30	23
Electronics & Communication Engineering	50	43
Fire & Safety Engineering	60	54
Geo-Informatics Engineering	30	30
Geo-Science Engineering	30	20
Mechanical Engineering	100	86
Mechatronics Engineering	30	26
Mining Engineering	30	11
Power System Engineering	30	7
CIT PROGRAMS		
Computer Science & Engineering with Specialization in IT Infrastructure	50	46
Computer Science & Engineering with Specialization in Banking, Financial Services and Insurance	30	15
Computer Science & Engineering with Specialization in Big Data	60	57
Computer Science & Engineering with Specialization in Business Analytics and Optimization	130	126
Computer Science & Engineering with Specialization in Cloud Computing & Virtualization Technology	160	159
Computer Science & Engineering with Spl. in Cyber Security & Forensics	160	161
Computer Science & Engineering with Specialization in Dev Ops	50	47
Computer Science & Engineering with Specialization in Mainframe Technology	30	22
Computer Science & Engineering with Specialization in Oil & Gas Informatics	60	58
Computer Science & Engineering with Spl. in Open Source & Open Standards	100	96
Computer Science & Engineering with Spl. in E-Commerce, Retail and Automation	30	7
Computer Science & Engineering with Specialization in Graphics & Gaming	40	34
Computer Science & Engineering with Spl. in Internet of Things and Smart Cities	80	70
Computer Science & Engineering with Specialization in Mobile Computing	30	14
BCA	80	74
BACHELOR OF DESIGN (B. DES) & B.PLAN PROGRAMS		
B.Des	140	135
Bachelor of Planning	20	12
TOTAL B.TECH	2260	2013

Courses	Approved Intake	Registered
M.TECH PROGRAMS		
Aerospace Engineering with Spl. In Unmanned Aerial Vehicles (UAV)	10	4
Automation & Robotics Engineering	10	8
Chemical Engineering with specialization in Process Design Engineering	10	7
Computational Fluid Dynamics	10	7
Computer Science & Engineering	10	5
Energy Systems	10	8
Health, Safety & Environment with specialization in Disaster Management	25	22
Health, Safety & Environmental Engineering	60	53
Nuclear Science & Technology	10	2
Petroleum Engineering	20	21
Pipeline Engineering	10	8
Renewable Energy Engineering	15	11
Rotating Equipment	10	4
Structural Engineering	10	9
M.DES PROGRAMS		
Industrial Design	10	8
Interaction Design	10	2
Transportation Design	10	9
M.PLAN PROGRAM		
M. Plan with Specialization in Urban & Regional Planning/ Transportation Planning/ Environmental Planning	10	9
TOTAL M.Tech-M.Des-M.Plan	260	197
CoES Grand Total	2520	2210
COLLEGE OF MANAGEMENT & ECONOMICS STUDIES		
BA PROGRAMS		
BA (Public Policy & Administration)	40	33
BA Economics (Specialization in Energy Economics)	30	21
BBA PROGRAMS		
Accounting and Information System	20	13
Auto Marketing	30	21
Aviation Operations	80	72
BBA General - Core Specialization in Human Resources Management /Marketing Management/Operations Management	60	58
Digital Marketing	40	40
E-Business	20	11
Financial Analysis & Services	60	59
Foreign Trade	50	50
Logistics Management	50	47
Media Management	20	6
Oil & Gas Marketing	60	55
TOTAL BA + BBA	560	486

Courses	Approved Intake	Registered
MA PROGRAM		
MA Economics (Specialization in Energy Economics)	20	13
MBA PROGRAMS		
Aviation Management	30	25
Business Analytics	30	27
Energy Trading	30	26
International Business Management	50	44
Logistics & Supply Chain Management	80	80
MBA with Specialization in (HR/Marketing/Finance/Operations)	50	42
Oil & Gas Management	100	98
Port & Shipping Management	20	10
Power Management	70	62
Urban Infrastructure & Smart Cities	10	9
TOTAL MA + MBA	490	436
CoMES GRAND TOTAL	1050	922
COLLEGE OF LEGAL STUDIES		
B.Tech Computer Science & Engineering LLB (Hons) with Specialization in Cyber Laws/(IPR)	60	27
B.Com LLB (Hons) with Specialization in Taxation Laws	120	111
BA LLB (Hons) with Spl. in Criminal Laws/ Labor Laws/ Constitution Law	240	246
BBA LLB (Hons) with Specialization in Corporate Laws	180	177
TOTAL LLB	600	561
LLM PROGRAM		
LLM with specialization in - Energy Law/Business Law/ International Economic Law/Law & Technology	25	23
TOTAL LLM	25	23
COLS GRAND TOTAL	625	584
GRAND TOTAL	4195	3716

DOCTORAL PROGRAMMES

Discipline	Registered			
	January 2017		July 2017	
	Pre PhD	PhD	Pre PhD	PhD
Engineering	10	4	30	2
Management	6	12	13	3
Science	1	1	1	1
Law	3	2	7	0
Others	0	0	0	0
TOTAL	20	19	51	6

ACADEMIC PROGRESSION

University follows Semester system and continuous evaluation process both for Graduate and Post graduate Program

College of Engineering Studies

S. No.	PROGRAMME	TOTAL STRENGTH	QUALIFIED	PASS %age
Batch 2013-17				
1	B Tech (Aerospace Engineering)	32	32	100
2	B Tech (Aerospace Engg) with Spl. in Avionics	30	30	100
3	B Tech (APE) with specialization Gas Stream	38	35	92.10
4	B Tech (APE) with Upstream specialization	38	37	97.40
5	B Tech (Automotive Design Engg.)	61	61	100
6	B.Tech (Civil Engg)	59	59	100
7	B Tech (Electronics Engg)	56	55	98.20
8	B.Tech (Geo Informatics)	38	37	97.40
9	B Tech (Geo Science Engg)	40	40	100
10	B.Tech (Instrumentation & Control Engg)	37	37	100
11	B.Tech (Mechanical Engg)	64	64	100
12	B.Tech Mechantronics Engg	54	54	100
13	B Tech Material Science with specialization in NanoTech	39	38	97.40
14	B Tech (CSE) – Business Analytics Optimization	51	51	100
15	B.Tech CSE – Cloud Computing Virtualization	53	51	96.20
16	B.Tech CSE E-Commerce	27	26	96.30
17	B.Tech CSE – Infrastructure Management	46	46	100
18	B Tech (CSE- MainFrame Technology)	47	47	100
19	B Tech (CSE) – Oil & gas Informatics	66	66	100
20	B Tech (CSE) – Open Source S/W & Open Std.	62	62	100
21	B Tech (CSE) – Telecom Informatics	36	36	100
22	B Tech (Power System Engg)	61	60	98.40
23	B Tech (Fire & Safety Engg)	32	32	100
24	B Tech (Chemical Engg.)+Refining & Petrochemical	39	39	100
25	B.Sc (Petroleum Operations)	5	5	100
Batch 2015-17				
1	M.DES (Industrial Design)	10	10	100
2	M.Des (Product Design)	5	5	100
3	M.Des (Transporation Design)	17	16	94.12
4	M.Plan	7	4	57.14
5	M.Tech (Embedded Systems) specialization Wearable Technology	5	5	100
6	M.Tech (Energy Systems)	24	24	100
7	M.Tech (Disaster Management)	11	11	100
8	M.Tech (Health, Safety & Environment)	43	43	100
9	M.Tech (Petroleum Exploration)	24	23	95.83

Batch 2015-17				
10	M.Tech (Pipeline Engg.) (Exchange)	24	24	100
11	M.Tech (Robotics Engg.)	9	7	77.78
12	M.Tech (Rotating Equip) (Exchange)	13	13	100
13	M.Tech (Structural Engg.)	17	14	82.35
14	M.Tech (ASE+UAV) (Exchange)	4	4	100
15	M.Tech (REE) (Exchange)	13	13	100
16	M.Tech (CFD) (Exchange)	1	1	100
17	M.Tech (AIANN) (Exchange)	5	5	100
18	M.Tech (NST) (Exchange)	1	1	100
19	M.Tech (CE+PDE) (Exchange)	19	17	89.47

College of Management and Economic Studies

S.No	PROGRAMME	TOTAL STRENGTH	QUALIFIED	PASS %age
Batch 2014-17				
1	BBA (Auto Marketing)	14	13	92.86
2	BBA (Financial Services & Marketing)	39	39	100
3	BBA (Foreign Trade)	26	24	92.31
4	BBA (Oil & Gas Marketing)	43	41	95.35
5	BBA (Retail Management)	9	9	100
6	BBA (Aviation Operation)	31	28	90.32
7	BBA (Logistic Management)	33	30	90.91
Batch 2015-17				
1	MBA (Aviation Management)	15	15	100
2	MBA (Business Analytics)	16	16	100
3	MBA (Energy Trading)	25	24	96
4	MBA (International Business)	50	43	86
5	MBA (Logistics & Supply Chain Management)	113	104	92.03
6	MBA (Oil & Gas Management)	93	91	97.85
7	MBA (Port & Shipping Management)	18	17	94.44
8	MBA (Power Management)	42	42	100
9	MBA (Infrastructure Management)	11	11	100
10	MA (Energy Economics)	12	12	100

College of Legal Studies

Name of the Programme	TOTAL STRENGTH	QUALIFIED	PASS %age
2011-17 batch			
B.Tech (Energy Technology)+LLB (IPR)	20	20	100
B.Tech (Computer Science)+LLB(Cy. Law)	16	16	100
2012-17 batch			
BA LLB (Hons) Energy Laws	118	103	87.29
BBA LLB (Hons) Copr. Law	51	49	96.08
2016-17 batch			
LLM	19	17	89.47

PLACEMENTS

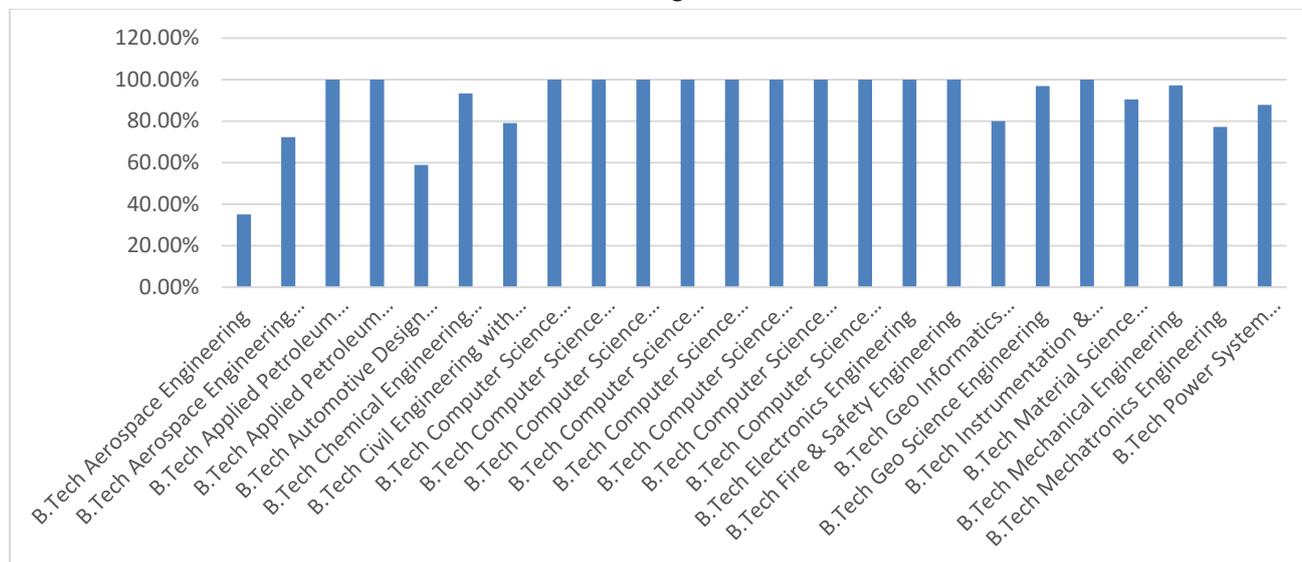
The Career Services Team has been playing a vital role in the placement of students. Since inception, the Department has managed to maintain 90% placement.

During the year 2016-17, 1467 out of 1600 eligible students (92%) were placed across all programs

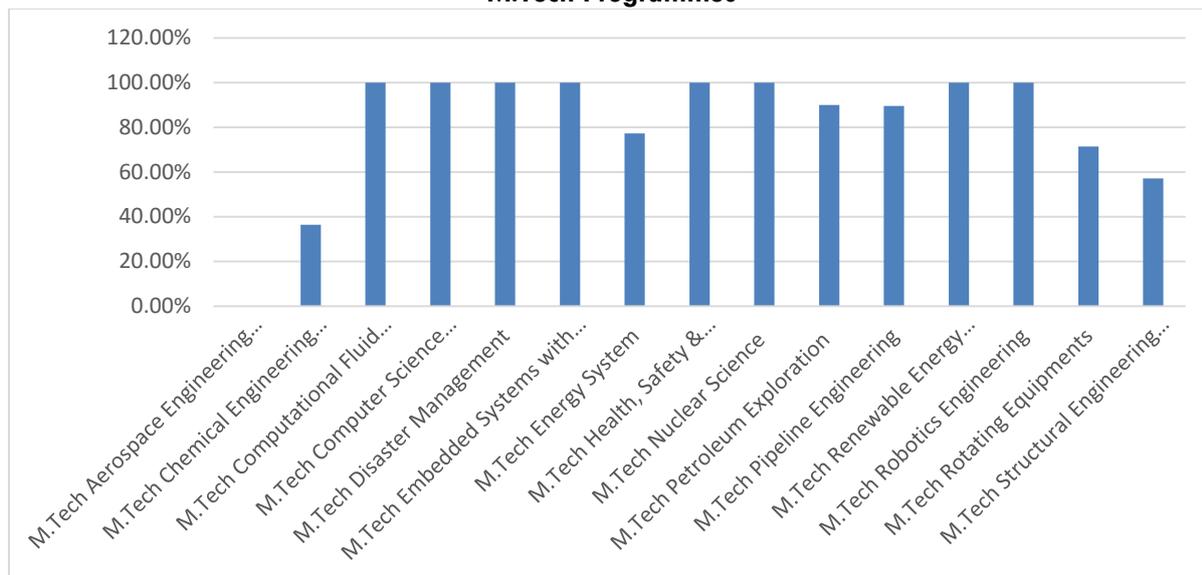
Degree	Highest CTC per annum (In lakhs)	Avg. CTC per annum (In lakhs)	No. of companies visited
B. Tech	26.71	4.03	132
M. Tech	29.76	4.77	47
MBA	16.00	4.77	118
LLB	6.00	3.63	43

☐ Programme-wise breakup is as under:

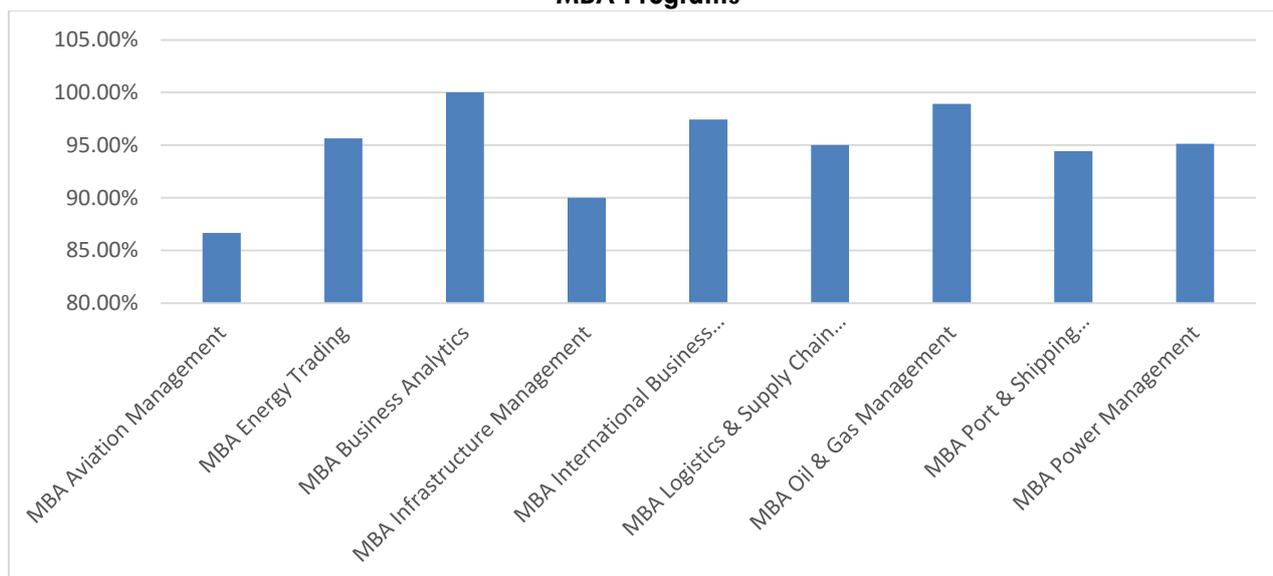
B.Tech Programmes



M.Tech Programmes



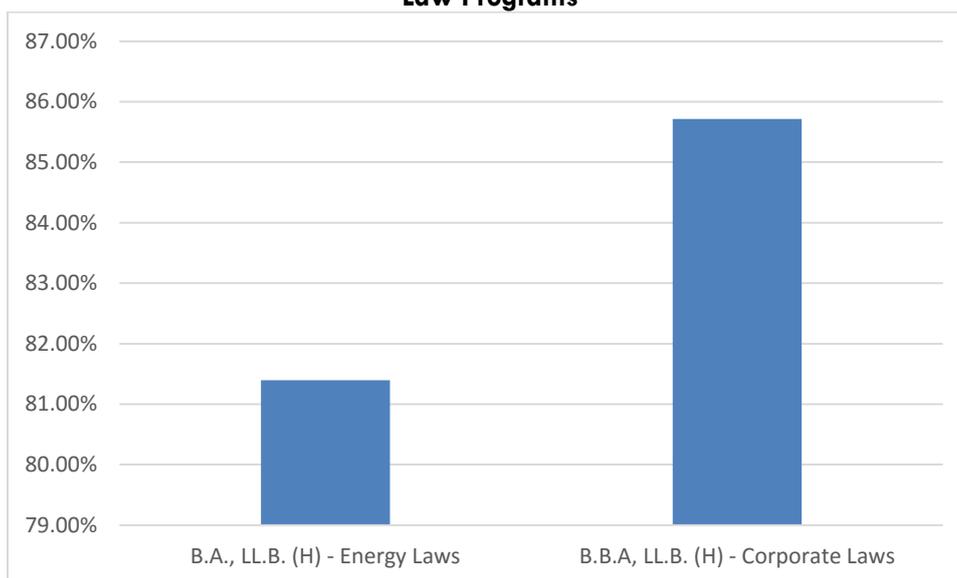
MBA Programs



BBA Programs



Law Programs



Companies visited for recruitment 2016-17

360 Digital Transformation	L&T ECC
3SC Solutions	L&T Hydrocarbon
Aarvee Associates	L&T Infotech
ABPS Infrastructure	Lead Law
Accenture	Legistify
Ace Designers	LG Electronics
ACME	Linde India
Adani Gas	Link Legal
Adani Ports & SEZ	Lumium Design
Aditya Birla Solar	Lybrate
Aditya Engineering College	M.J Logistics Services Ltd
Adobe India	Madura Fashions
Adv Neeraj Arora	Maersk Line
Adv. Dharmendra Kumar Singh	Mahanagar Gas Limited
Adv. Jai Singh Chouhan	Mahindra & Mahindra
Adv. Jitendra Gupta	Mahindra Finance
Adv. Rajesh Kumar	MAN Trucks
AIMIL	Manikaran Power
Air Vistara	Marcura India
AIS	Markets & Markets
Akash Educational Services	Maruti Suzuki
Alba Law Office	Marvel Geo Spatial
Allied Analytics	MEC Intelligence
Amazon	Meritnation
Amazon Warehousing	MerlinHawk
Amplus Energy Solutions	Microsoft Corporation
APAR Industries	Mindcrest
AppDirect	Miracle Infotainment
Armstrong International Pvt Ltd	Miraclus Medical Implants
Arrka Consulting	Moblize
Asahi India Glass	Modor Intelligence
Athena Legal	Moglix
Aveva Softwares	Motilal Securities Pvt Ltd
AVG Logistics	Mount Meru Group
Avinex Softwares	Mphasis
Azure Power	Multi Commodity Exchange of India
Bharat Star Services	Muthoot Finance
Big Boyz Toys	Mythrah Energy
Birla Soft Technologies	Mythrah Energy

BIS Research	Nachi Robotics
Biswajit Sarkar Associates	Nagarro Softwares
Boston Analytics	Nandan Group of Companies
Brisk Marine	Naturetech Infra
ByJus Think & Learn	Navchart Maritime Co.
Cairn India	NEC Technologies
Capital Small Finance Bank	Nestle India
Care Container Lines Pvt Ltd	NIIT GIS
Ceasefire Industries	NIIT Technologies
Celebi	Nlink Tech Pvt Ltd
Ceva Logistics	NRP Projects Pvt Ltd
CGI Information System & Management	Occams Business Research & Consulting Pvt. Ltd
Chaostruct Software System India Private Limited	Odex India
Clean Max Solar	Onergy
Climate Connect Limited	Ooms Polymer Modified Bitumen Pvt Ltd
Code Brew Labs	OPG Power
Cognizant	Ophtho Remedies Pvt Ltd
CommVault Systems	Orionis IP
Comtech IT Solutions Pvt Ltd	Ornate Solar
Corporate IP Consultant	Otsuka Chemicals
Cybertech Systems	Outlook Industrial Consultants, Dubai
Cyient Ltd	P&S Market Research
Cypress Money	Padmini VNA
Dave Girish & Co	Panasonic India
Decathlon Sports India	Patanjali Ayurved
Dell R&D	PDPU
DENSO	Philip Carbon Black Limited
Desmania	Phophecy Sesorlytics India
Detector India	Pick Tick Entertainment
Deugro	Pidilite
DHL Global	Planys Technologies Private Limited
DIESL	Policy Bazaar
Digital Agents Interactive	PortDesk
Dr. Reddy's	Pramata Knowledge Solutions Pvt. Ltd
DS Transport Corporation	Prithvi Propmart
EBZ Systech	Proc Mart
Effectual Services	Progressive Media
Elekore Energy Systems	PWC
Environmental Design Solutions	Quislex
Eon Electric	RANE
E-Procurement Technologies Ltd	Reliance Industries Limited

Eureka Forbes	Reliance Retail
Evalueserve	remfry & Sagar
Everest Industries	Results Survey
Exchange 4 Solar	Rimjhim Ispat Ltd
EXIRV Performance Marketing Pvt Ltd	Route Mobile
EY Consulting	SA Consultants & Forwarders
F1F9	Sagar & Sagar Associates
FANUC India Pvt Ltd	Sandeep Khunder & Associates
FedEx	Sanjay Rane & Associates
Future Tech Design	Sanmarg Projects
G Trans Logistics	Sanwariya Gas Ltd
G2 Integrated Solutions	Saraph & Associates
Gati KWE	Sarr Freight
General Motors	Sastra Robotics
Geo Tec International	Schenker India
Ghaziabad Precision Products	SCM For You
GHCL	Seashell Logistics Pvt Ltd
Glencore	Shell
Global Data	Shreyas Relay Systems
Globus 8	Siemens
GM Insights	Sify Technologies
GMR Dial	Sindhu Chambers of Law
GMR Energy	SKF India
Go Air	SKM Designs Pvt Ltd
Gokul	SKS Law
Goldstone Technologies	Smartech Energy Services
Grand View Research	Solomon & Roy
Grasim Industries Limited	Sony India
Green World Group	Sparrow Risk Management
Grofers India	Sparsa Digital
Gudgudee	SPIC
GVK MIAL	Sports XS
Harksh Technology	SRB Group
Haryana City Gas	SRCL
HDFC	SREI
Hexaware	Staqu Technologies Pvt Ltd
Hind Terminals	Stellarix
Hi-Tech Agro Energy Pvt Ltd	Sterling & Wilson
Hi-Tech Robotics	Store Hippo
HiTechos	SYLVYN
Holiday Travel Triangle Pvt Ltd	Synergiz Global Services

HOPP Worldwide	Tafe Motors
HP Enterprises	TATA Elxsi
Hyundai Motors	Tata Projects
IBM	Tata Technologies
Idam Infrastructure	TCIL
Idea Firm	TCS
IERS	Tech Labs
IIDC Limited	Tech Mahindra
IMC Ltd	TechSci Research
India Meets India	Tega Industries
Indian Energy Exchange	TERI - The Research Insitute
Indian Energy Regulatory Service	The Lean Apps
Indian Navy	Thomson Reuters
Indigo Airlines	TI Cycle
Indus Tower	Tieto Corporation
Industrial Design Studio	To the New Digital
Inext Logistics & Supply Chain	Total Oil Limited
Infiniti Research	TradelIndia.com
Infinium Solutions	Transsystems Logistics
Infosys	Transworld Terminals
Infrainsights Consulting Pvt Ltd	Tricon Energy
Infralnsights Consulting Pvt Ltd	Ujaas Power
Ingenious E brain Solutions	Unysis India
Intense IP	UPES
Interocean	V Parmar Wind Power
Interra IT	VA TECH WABAG
Invent India	Varroc
Jaro Education	Vedanta Limited
Jindal Rectifiers	Verde Consulting
JLL INDIA	VigVen Techmark Pvt Ltd
Kairali Airlines	Vistara
Karvy Stock Broking	Viyatra Technologies
KCC Institute of Technology	VKJ Projects
KEC International	Voice Tree
Kellton Technology	Volga Infotech
Keysight Technologies	Wadia Ghandy
Khurana & Khurana	Weatherford Drilling
KPIT	Wipro
KREO	Worley Parson
Kuehne + Nagel	Xebia IT Architects
L&T	Yamaha Motor Solutions

THE FIFTEENTH CONVOCATION

The stately ceremony of 15th Convocation of University of Petroleum & Energy Studies (UPES), Dehradun held at the Bidholi campus on 12th June'17 presided over by Dr K K Paul, Hon'ble Governor of Uttarakhand and also a 'Visitor" to the University witnessed the presence of Shri Prakash Javadekar, Hon'ble HRD Minister, Government of India as the "Chief Guest" along with Sh Trivendera Singh Rawat, Hon'ble Chief Minister of Uttarakhand as the "Guest of Honor" & Dr Dhan Singh Rawat, Higher Education Minister of Uttarakhand as the "Distinguished Guest" in the pre-lunch session. The degree distribution continued in the post lunch session, which was presided over by Mr Phil Shaw, Chief Executive, Lockheed Martin India Pvt Ltd who also looks after their entire business in South Asia region.

A total of 2391 students were awarded their respective Degrees at the convocation. In addition, 6 students were awarded Gold Medals while 62 students were awarded Silver Medals.



A report on the progress of the University for the Year was presented by the Vice Chancellor. Medals to **68 meritorious** students of different programme.

Degrees Conferred		Award of Ph.D Degrees	
B.Tech Program	: 1100	Engineering	: 20
M.Tech Program	: 205	Management	: 11
BBA Program	: 184	Law	: 2
MBA Program	: 375		
LLB Program	: 188		
LLM Program	: 17		
M.Des Program	: 31		
M.Plan Program	: 4		
DL Mode MBA Program	: 205		
DL Mode BBA Program	: 49		

ACADEMIC MEDAL

☐ Gold Medal- 06 students

Programs	Awarded to
Best Undergraduate Student of CoLS	Sweta Singh
Best Undergraduate Student of CoES	Prasantha Rastogi
Best Undergraduate Student of CoMES	Saina Kohli
Best Postgraduate Student of CoES	Neha Mehra
Best Postgraduate Student of CoMES	Ashwin G.
Best Postgraduate Student of CoLS	Mohit Aggarwal

☐ Silver Medal – 62 students

Programs	Awarded to
Topper in BBA, LL.B.(Hons) (Spl. Corporate Laws)	Soumya Bhushan
Topper in B.Tech (Computer Science & Engineering), LLB (Hons.) Spl. Cyber Laws	Barkha Khattar
Topper in B.Tech (Energy Technology), LLB. (Hons.) Spl. Intellectual Property Rights	Mridul Sondhi
Topper in B.Tech (APE) (Specialization: Gas Stream)	Shivonshu Srivastava
Topper in B.Tech (APE) (Specialization: Upstream)	Shashank Pandey
Topper in B.Tech (Aerospace Engineering)	Arpit Choudhary
Topper in B.Tech (Aerospace Engineering) (Spl. Avionics)	Shodoob
Topper in B.Tech (Automotive Design Engineering)	Shoryo Sood
Topper in B.Tech (Chemical Engineering) (Spl. Refining & Petrochemicals)	Devansh Sharma
Topper in B.Tech (Civil Engineering) (Spl: Infrastructure Development)	Ankur Tiwari
Topper in B.Tech (CSE) (Spl : Business Analytics & Optimization)	Ankkito Sood
Topper in B.Tech (CSE) (Specialization: Oil & Gas Informatics)	Himoni Bhatt
Topper in B.Tech (CSE) (Spl: Cloud Computing & Virtualization Technology)	Simron Gupta
Topper in B.Tech (CSE) (Specialization: Telecom Informatics)	Avijit Show
Topper in B.Tech (CSE) (Specialization: Mainframe Technology)	Ayush Vordhon
Topper in B.Tech (CSE) (Spl. E-Commerce, Retail & Automation)	Rhythm Raj
Topper in B.Tech (CSE) (Spl.: IT Infrastructure)	Kanchon Sharma
Topper in B.Tech (CSE) (Spl. Open Source & Open Standards)	Shrlyo Arora
Topper in B.Tech (Electronics Engineering)	Varchas Mohan Choudhry
Topper in B.Tech (Fire & Safety Engineering)	Deeprai Sinha
Topper in B.Tech (Geo Informatics Engineering)	Tonpreet Bawa
Topper in B.Tech (Geo Sciences Engineering)	Subhonkor Choudhury
Topper in B.Tech (Instrumentation & Control Engineering)	Voyolodo Kiron Kumar
Topper in B.Tech (Mechanical Engineering)	Voibhov Agaorwol
Topper in B.Tech (Mechatronics Engineering)	Parth Jindal
Topper in B.Tech (Power System Engineering)	Ankshit Dixit

Programs	Awarded to
Topper in M.Des (Industrial Design)	Bharath A
Topper in M.Des (Product Design)	R Abhiram
Topper in M.Des (Transportation Design)	R.Rovishankar
Topper in M.Tech (Aerpspace Engineering) (Spl. Unmanned Aerial Vehicle)	N C Ajay Vlshwath
Topper in M.Tech (Artificial Intelligence & Artificial Neural Networks)	Rajat Subhra Bhowmick
Topper in M.Tech (Computational Fluid Dynamics)	Abhilash K Prabhu
Topper in M.Tech (Embedded Systems) (Spl: Wearable Technology)	Shruti Choudhary
Topper in M.Tech (Energy Systems)	Aayush Rastogi
Topper in M.Tech (Health, Safety & Environment)	Appil Oro
Topper in M.Tech (Health, Safety & Environment) (Spl. Disaster Management)	Robin V. John Fernandes
Topper in M.Tech (Nuclear Science & Technology)	Dhyonendro Joshi
Topper in M.Tech (Petroleum Exploration)	Sanjay P Saji
Topper in M.Tech (Pipeline Engineering)	Abu Toho
Topper in M.Tech (Renewable Energy Engineering)	Gowthoom S. K
Topper in M.Tech (Robotics Engineering)	Sajal Sharma
Topper in M.Tech (Rotating Equipment)	Ayush Gupta
Topper in M.Tech (Structural Engineering) (spl. Offshore Structures)	Diptendu Roy
Topper in M.Plan	Vibhor Goel
Topper in BBA (Auto Marketing)	Siddhortho Duggol
Topper in BBA (Aviation Operations)	Anish Madhuchandra
Topper in BBA (Logistic Management)	Hamza Hashmi
Topper in BBA (Oil & Gas Marketing)	Simran Duo
Topper in BBA (Financial Services & Marketing)	Akshi Soni
Topper in BBA (Retail Management)	Akonsha Thakur
Topper in MA (Economics) (Specialization: Energy Economics)	Naina Chopra
Topper in MBA (Aviation Management)	Kanishka Bosumatary
Topper in MBA (Business Analytics)	Manov Saxena
Topper in MBA (Energy Trading)	Abhinav Gupta
Topper in MBA (Infrastructure Management)	Gollopudi Uday Shanker
Topper in MBA (International Business)	Divishi Saxena
Topper in MBA (Logistics & Supply Chain Management)	Sumedha Pandey
Topper in MBA (Oil & Gas Management)	Punit Gupta
Topper in MBA (Port & Shipping Management)	Himani Mohanta

❑ **Institutional Medal (Gold) – 03 students**

- Shashank Pandey - Best Corporate Student (Siddhomal & Sons Gold Medal)
- Punit Gupta - Narayan Sahai Memorial Gold Medal
- Nehra Mehra - I N Mehta Gold Medal

CAMPUS ROUND UP

CONFERENCES, WORKSHOPS AND EXHIBITIONS

INTERNATIONAL CONFERENCE ON MANAGEMENT OF INFRASTRUCTURE [9th & 10th FEBRUARY 2017]

The 5th edition of the two-day International Conference on Infrastructure Management (ICMI-2017) concluded on 10th February. The theme of the conference was “Business Environment” focusing on rapid changes being witnessed in world and its potential to impact energy, infrastructure and transportation sectors. It included internal & external business environment (global), Infrastructure and soft Infrastructure.



The ‘Chief Guest’ was Mr. Atul Chandra, President, Petroleum Business, RIL. Mr. Ashok Bhattacharya, Editorial Director- Business Standard, Dr. Anand P. Gupta - Former Professor of Economics (IIM-Ahmedabad), Mr. Ashok Bhattacharya- Editorial Director (Business Standard), Mr. Narender Kumar, Executive Director, GAIL, Mr. Jugal Kishore, CEO, Road Railer, Delhi, Mr. S N Verma, MD, PTCUL, Mr. P C Parekh, Former Coal Secretary, Govt of India and many more shared thought provoking views in their address.

NANO ON ENERGY & WATER (NEW-2017) [22nd - 24th FEBRUARY 2017]



The three-day International Conference was organized under the aegis of Department of Research and Development, UPES, concluded with a Indo-French Thematic school on Water. The Chief Guest for the conference was Prof Ashok Misra- Chairman, BoG, IIT Roorkee, who added another dimension to Prime Ministers ‘Make in India’ theme by stressing that it is now time that we “Innovate in India too”. Representatives from 6 countries including France, Malaysia, South Korea, Slovenia, Bangladesh & USA along with representatives of Universities & Institutes from 18 Indian states and territories participated. 300 participants, 6 plenary talks, 157 invited talks, and more than 100 poster presentations, comprising more than 20

international water and energy experts were the highlight of the conference. A few notable speakers were Prof. Elena A. Rozhkova, Argonne National Laboratory, USA and Prof. Ritesh Agarwal, University of Pennsylvania, USA, Researchers from IITs, CSIR Labs, and Central/State Universities.

THIRD BUSINESS ANALYTICS CONCLAVE [24 FEBRUARY, 2017]

The theme of the conclave was ‘Rise of Algorithm Economy – Analytics for Competitive Advantage.’

Attended by 200 delegates, key note address by one of the top 10 analytics gurus from industry bigwigs like Cognizant, HSBC, eBay, Wells Fargo, Ma Foi, Tata IQ, AIG Science, GE Digital, Societe Generale, Infosys, Lenovo, IBM and Dell was the key feature of this conclave.



Among other notables were Mr. Sameer Dhanrajani, Global Business Leader, Cognizant Analytics & Data Science, Cognizant Technology Solutions, Mr. Pankaj Rai, Sr. Vice President (Strategy), Wells Fargo & Company, Mr. Sanjay Srivastava, Director, Analytics Leader, A Fortune 500 Company, and Mr. Ashish Singru, Sr. Director & Head, Global Analytics Centre & Site Lead, eBay India Pvt. Ltd.

INTERNATIONAL CONFERENCE ON INTELLIGENT COMMUNICATION, CONTROL & DEVICES [15th & 16th APRIL 2017]

Department of Electronics, Instrumentation & Control Engineering, UPES in association with 'Springer' organised 2nd International Conference on Intelligent Communication, Control and Devices. The objective of this conference was promotion of international collaboration in Education and Research in the domain of Intelligent Communication, Control and Devices. The conference was inaugurated by Chief Guest Dr. A Senthil Kumar, Director, IIRS in presence of Guest of Honour, Dr. R P Dixit, retired scientist Group G, DEAL. The conference received 300 research papers from India and abroad. At the national level research papers were received from reputed Institutes including IIT's, NIT's, NSIT, Delhi, Jamilia Milia Islamia University, Aligarh Muslim University along with other institutes from over 14 states.



UPES 2ND LAW ROUND TABLE [28 APRIL 2017]

Theme: 'Preparing Legal Specialists for Tomorrow'.

To deliberate on key drivers of change in the future landscape of legal services and new roles of legal professionals, senior legal experts from the law fraternity met at the second edition of UPES Law Roundtable in Delhi. Delivering keynote address Mr. Utpal Ghosh, CEO and President of UPES emphasised on the need for developing specialized skills, intensive course curriculum for training legal aspirants to succeed in a landscape constantly getting reshaped by legal tech.

During the first panel discussion on 'New Dimension of Law and Lawyering', moderated by Mr. Amit Kapur, Senior Partner J Sagar Associates; Mr. R Venkatramani, Sr. Advocate, Supreme Court of India, member Law Commission of India stressed upon how transformation in legal industry has opened doors for new career avenues such as Legal Knowledge Engineer, Legal Technologist, Legal Hybrid Professional, Legal Process Analyst, Legal Project Manager, Legal Risk Manager among others. Dr. Surat Singh International Lawyer & Advocate, Supreme Court of India, who was a part of the panel highlighted Confidence, Competence, Communication, Connecting, Contribution, Cash Flow and Celebrating success and failures as key attributes to succeed in the changing dynamics of the legal domain.



The second session titled, 'Technology Imperatives for the Legal Fraternity' moderated by Dr. Bushan Tilak Kaul Chairperson, Delhi Judicial Academy witnessed some thought provoking discussion around how the era of digitalisation, automation and artificial intelligence is stirring the legal fraternity.

2nd INTERNATIONAL CONFERENCE ON INTERNATIONAL ECONOMIC LAW [19th & 20th MAY 2017]

The theme of the conference was "Redefining International Economic Law in 21st Century: Challenges Ahead". List of distinguished keynote speakers included Prof. (Dr.) B. S. Chimni, Professor, Centre for International Legal Studies, School of International Studies, Jawaharlal Nehru University, New Delhi; Prof. (Dr.) Vijay Kumar Singh, Professor & Head, School of Corporate Law, Indian Institute of Corporate Affairs,



New Delhi; Prof. (Dr.) Leila Choukroune, Professor & Director, Centre for Social Sciences and Humanities, New Delhi; Prof. (Dr.) S.C. Roy, Professor, Chanakya National Law University; Prof. (Dr.) James J. Nedumpara, Associate Professor, Jindal Global Law School; Dr. Sharmila Mary Joseph, Joint Secretary, Govt. of India; and Mr. Kanad Bagchi, Research Fellow, Max Planck Institute of Comparative Public Law and International Law, Heidelberg, Germany.

UPES INAUGURAL AUTOMOTIVE HR ROUNDTABLE [22 MAY 2017]

Senior HR leaders and professionals from Indian automobile industry met at the Automotive HR Round Table organized by UPES in Pune to deliberate on Talent Strategies for the Automotive Sector, Digitization in HR and Impact of Automation on Jobs.

Delivering keynote address on the theme 'Talent Strategies in the Automotive Sector', Rajeshwar Tripathi, Chief People Officer, Mahindra & Mahindra Ltd. said, "Lack of right talent is an artificial shortage because as organizations and as a nation we have not been able to reap demographic dividend. We are not doing enough to develop our young employees. Therefore, instead of talking about job security, organizations and employees should talk about continuous development to stay relevant, which is the key to job security".



TWO DAY RESIDENTIAL MDP “CRM IN DIGITAL ERA: MORE THAN A DATABASE” [29 – 30 MAY 2017]

The theme of the MDP was how the CRM implementation in today’s digital age along with big data and internet has shifted the strategic paradigm from mere customer acquisition towards customer acquisition and retention. The program had 20 nominations mainly of the middle management cadre from organizations HPCL & IGL, who gained a practical understanding of the CRM strategy, the tools, techniques, and practices of CRM.

Dr. Karunakar Jha, Dr. Neeraj Rawat & Dr. Anita Sengar were the program faculty co-chair for the program. Dr. Mukesh Chaturvedi (an alumnus of the International Visitor Program of USIA, Washington, D.C., USA) Dr. Anshul Saxena (Professor, KCT Business School) were the keynote speakers for the program.



Dr. Dayanand Pandey graced the valediction ceremony and interacted with participants and speakers and reflected about the need to understand the relationship between Customers, CRM and Information Systems.

Participants shared their experiences regarding the framework of CRM practice and its elements in their respective organizations. One of the feedback received was that “the program has helped them question their basics and reinforce their strategies in the right direction” and should be extended for a longer duration.

UPES DESIGN CONCLAVE [2 JUNE 2017]

Prime Minister Shri Narendra Modi’s call for Design in India was appreciated by veterans of the Design Sector at the Design Conclave organized by UPES in New Delhi.



In his keynote address, Anil Saini, Director (Design), General Motors Technical Center India, emphasized on the need for developing specialized skills like transportation design in design departments. According to India Design Report, “From modest beginning Indian Design Industry is on a maturity curve now. At this juncture it needs a strategic and long term direction to fortify the gains already made.

INTERNATIONAL WORKSHOP TO SYNERGIZE LOCAL ENERGY RESOURCES [7th -11th AUGUST 2017]

A 5-day workshop on ‘Smart Grid & E-Vehicles’ was conducted by UPES in association with the Consortium for Rapid Smart Grid Impact (CRSGI) of the Purdue University Northwest, Indiana (USA). Prof. Athula Kulatunga, Prof & Head, Engineering & Technology, Purdue University, USA; Prof. Dionizio Paschoareli Jr., Head – Electrical Engineering, University of Sao Paulo, Brazil and Prof. Sudheera Navratne, Electrical

Engineering, Peradeniya University, Sri Lanka were among the distinguished subject matter experts & speakers at the workshop. Majority of the sessions were conducted with hands-on experience on a contemporary & leading power system analysis software for application.

SEMINAR ON ROLE OF URBAN & REGIONAL PLANNING IN UTTARAKHAND (19 AUGUST 2017)

School of Planning and Architecture organized a one-day seminar on the “Role of Urban and Regional Planning in Uttarakhand” in association with Institute of Town Planners India, Uttarakhand Regional Chapter. It was partially funded by ITPI. Two technical sessions were organized, where a total 14 technical papers were presented. Students of SoPA, UPES and IIT Roorkee also presented their research papers. Apart from paper presentation many eminent personalities, also put forward their views including Shri Narendra Singh, Advisor to Chief Minister of Uttarakhand. Delegates were from various organisations like IIT Roorkee, CBRI Roorkee, Town and Country Planning Dept. Uttarakhand, MDDA Dehradun, Directorate of Urban Development, DIT University. Total 57 students of IIT Roorkee and SoPA, UPES participated in this seminar.



16th Oil & Gas HR Round Table [15 SEPTEMBER 2017]
Theme: “Oil & Gas Sector: Discovering the New Normal”

At a time when Indian and global oil & gas industry is discovering the new normal amidst tumultuous economic scenario and fluctuating commodity prices, senior HR leaders and professionals from the Indian Oil & Gas industry representing marquee companies like Emerson, Reliance Industries, ONGC, Perofac, L&T, Baker Hughes, TOTAL and many more met at the 16th Oil & Gas HR Round Table on September 15, 2017 in Mumbai to deliberate on “Discovering the New Normal” for the Oil & Gas industry. The panel discussions were on ‘Re-Energizing work Capital’, ‘Women Leadership in Oil & Gas’



MATH MANIA 2017

Over 900 students participated in a day event that included numerous competitions and contests including mathematical quiz, poster and oral presentations, logo designing event, mathematical treasure hunt and mathematical games. The highlights of this mathematical fest were a popular lecture by Padma Shri Prof. Dinesh Singh (Former Vice Chancellor, University of Delhi), a renowned mathematician, extraordinary visionary leader and policy maker, who spoke on the history of Indian Mathematics titled “From Indus Valley Civilization to Srinivasa Ramanujan”.



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3rd INTERNATIONAL CONFERENCE ON 'LAW & TECHNOLOGY [1st & 2nd SEPTEMBER 2017]

Theme: "The Road Ahead in Data Protection: National & International Perspectives" and the sub-themes "Data Privacy; Data Protection: Non-IP Perspectives & Data Protection: IP Perspectives".

Chief Guests: Prof. (Dr.) Ashwani Kumar Bansal, Vice Chancellor, MS Brij Government University, Bharatpur (Rajasthan) & Former Dean, CLC, Delhi University.



Distinguished Guests: Prof. (Dr.) Ghayur Alam, Professor in Business Law & MHRD Chair of IP Law, NLIU Bhopal, Prof. T.C. James (Former Director (IPR), Department of Industrial Policy & Promotion and Consultant -Research & Information System for Developing Countries (RIS) & President -NIPO.

Prof. Alam shared his views & suggestions on data protection and the UDAI Aadhar, Prof. James emphasized on the inter-relationship between law & technology and the safeguards required to protect misuse of data.

NAFTANOMICS – OIL & Gas Days [22nd & 23rd SEPTEMBER 2017]

A flagship event of the Department of Oil and Gas began with a scintillating speech by Mr. Rakesh Sarin, CEO, International business & Global services, Suzlon Energy Ltd. He spoke on the increasing importance of renewable energy in today's scenario and its major contribution in the Indian energy basket.



Mr. Surender Singh Sur, Joint Advisor, NITI Aayog, emphasized on the threats posed by global warming and shifting to renewable energy is the only solution left.

1st VICE CHANCELLOR'S ROUNDTABLE [28 SEPTEMBER 2017]

The Roundtable brought Vice Chancellors of public & private universities together to discuss the issues of 'Academic Excellence & Rigor' in the sphere of higher education.

President of BOG, G.B. Pant Social Institute, Allahabad Prof. Rajendra Govind Harshe – Ex VC Allahabad Central University, Prof S. P. Singh – VC Lucknow University, Prof. A. N. Purohit - (Padmshree awardee) Ex VC HNB Garhwal Central University, Dr. S. P. Singh – BOG member, Centre of Ecology Development and Research & Ex VC HNB Garhwal Central University, Prof. Deependra Kumar Jha -VC UPES were esteemed panelists of the event.

The guests expressed their deep concern on the low prioritization being given to development of Science, Research, Technology and Management in Indian universities, including key issues like how to refine academic excellence, policies and to develop broad ecosystem for students. Padam Shree awardee Prof. Purohit stressed on two parameters for achieving academic excellence in institutions includes basic research and technology.



SEMINAR ON ROLE OF MICROBES/ALGAE IN WASTEWATER [26 OCTOBER, 2017]

A one-day seminar of Role of Microbes/algae in wastewater treatment was organized by Department of Research and Development on October 26, 2017. The seminar provided a platform to researchers, academicians, industry personnel and students to deliberate on the growing concerns of wastewater management. The seminar was inaugurated by Dr. S. J. Chopra (Chancellor, UPES). Keynote speaker of this seminar were Dr. Siva Subramanian, Director, Phycospectrum Environmental Research Centre (PERC), Chennai, Dr. S. Chandrashekar, IIT Bombay, Dr. Arun Kumar, IIT Delhi, Dr. Raja Chowdhury, IIT Roorkee addressed the gathering on innovative microbes and algae based wastewater treatment techniques.



Dr. Sivasubramanian (Director, PERC) in his inaugural speech demonstrated the effectiveness of natural agents (algae) in wastewater treatment in over 50 industries (pharma, petro-chemical, textile, etc). He also stressed on the need of letting the nature do its job with little tweaking. Dr. A. Kumar, Associate Professor, IIT Delhi talked on the use of nanoparticles in wastewater treatment. Dr. S. Chandrashekar, Director R&D, Vision Earthcare presented the work done by the research group at IIT Bombay headed by Prof H. S. Shankar and presented examples of practical implementation of wastewater recycling using soil biotechnology at large scale. Dr. R. Chowdhury, Assistant Professor, IIT Roorkee, talked on bioenergy production from algae and its sustainability assessment.

The seminar received an overwhelming response, as more than 100 participants graced the event. The conference was supported by SWAN Enviro.

Speakers:



Dr. Chandrashekar Shankar, CEO Vision Earthcare at SINE IIT Bombay

Expertise: Water Treatment, Polymers, Process Engineering, Mechanical Testing, Soil Biotechnology



Prof. V. Sivasubramaniam, Director - Phycospectrum Environmental Research Centre
Expertise: Algae based bio-remediation, Managing a variety of industrial effluents



Prof. Arun Kumar, Associate Professor, Dept. of Civil Engineering - IIT Delhi
Expertise: Water reuse, Emerging water contaminants (Nanoparticles), Water treatment, Environmental statistics and quantitative decision-making.



Prof. Raja Chowdhury, Assistant professor, Dept. of Civil Engineering - IIT Roorkee
Expertise: Algal bio-energy, Growth Kinetics, Biofilm, Valuable products, Ecological consequences from bio-energy.

3rd INTERNATIONAL CONFERENCE ON 'NEXT GENERATION COMPUTING TECHNOLOGIES' (30th & 31st OCTOBER 2017)

Theme: "Smart & Innovative Trends in Next Generation Computing".

The focus of the event was on advanced areas of computer science that are providing new dimensions to the business & technical communities on a rapidly developing track.

Prof. Pushpak Bhattacharyya, Director, IIT Patna, Prof. Rajkumar Buyya, Director, Cloud Labs, University of Melbourne, Prof. R.K. Shyamsundar, Distinguished Professor, IIT Bombay spoke on the topic of security and privacy in the digital world. He also shared deep insights on various aspects of Facebook. Prof. Valentina E. Balas, Professor, University of Arad (Romania) contributed in deliberations. This conference was co-sponsored by the 'Computer Society of India' (CSI) and 'Indian Unit of Pattern Recognition & Artificial Intelligence' (IUPRAI) and has "Springer CCIS" as its publication partners.



4th AEROSPACE HR ROUND TABLE [3 NOVEMBER 2017]

Theme: "Sustainable & Progressive Skill Development"



Dr. Vijay Kumar Saraswat, Member, NITI Aayog inaugurated the HR event for the Aerospace industry in Bengaluru. Over 80 delegates from major aerospace companies attended the event, along with speaker representation from Genser Aerospace, QuEST Global Defence, Esterline Technologies, Maini Group, SKF Technologies, Safran Engineering, and many more.

INTERNATIONAL SEMINAR 'WATER LAW & RESOURCE MANAGEMENT' [3rd & 4th NOVEMBER 2017]

The seminar was inaugurated by the internationally renowned 'Jal Purush: Waterman of India' Dr. Rajendra Singh, environment law stalwart & the noted public interest attorney Padma Shri Advocate Mahesh Chandra Mehta. Prof. (Dr.) M.K. Ramesh, Environment law Expert - National Law School,

Bangalore; Dr. Manoj Kumar, Founding Partner & M.D., Hammurabi & Solomon (Law Firm), Dr. Himanshu Singh, Water Conservation Activist, Tarun Bharat Sangh; renowned Environment Law Experts Prof. (Dr.) S. Shantha Kumar, Prof. (Dr.) Oleksander Merezhko and Prof. (Dr.) Amar Pal Singh, Environmental & Water Laws Expert also graced the event as keynote speakers & panelists.



4TH AGRO SUPPLY CHAIN CONFERENCE: ASCC 2017 [3rd & 4th NOVEMBER 2017]

The conference with an emphasis on “Cold Chain Logistics in Agriculture” discussed a wide range of issues like marketing, supply chain, financial & technical issues in agriculture, sericulture, horticulture & floriculture sectors of India and was sponsored by the Horticulture Mission for North East and Himalayan States (HMNEH), Central Warehousing Corporation, Himalayan Cove, Center for Management Development and supported by BRICS Chamber of Commerce & Industry.



Amongst the key speakers were Mr. Anil Arora, MD - MJ Logistics Services Ltd., Ms. Neena Grewal, IFS - Joint Secretary, Govt. of Uttarakhand, Dr. S. Farooq, President - Himalayan Drugs Company, Dr. Pragati Gokhale, Dy. Director - Management & Systems, MGRI, Wardha and the popular ‘Organic Sisters of Dyo Resort, Mukteshwar’ Ms. Kanika & Ms. Kushika, Dr. Vijay Sardana, Agro Expert &

Adviser SEBI, Mr. Anuguj Agarwal, Head - Suvridha Retail Chain, Gen. D.V. Kalra, from BRICS Department of Logistics & Supply Chain Management & Operations & Department of Accounting & Finance

CATALYZING A CULTURAL SHIFT IN YOUTH ENTREPRENEURSHIP [9 NOVEMBER 2017]

The one-day workshop was sponsored by ‘SJVN Limited’ a Mini Ratna & Schedule ‘A’ CPSU under the Ministry of Power, GOI and a ‘Joint Venture’ of the Govt. of India & Govt. of Himachal Pradesh. Mr. Vivek Negi, Co-Founder, Baaronmasa was the chief guest for the workshop.

The Workshop focused on realizing the vision of an ‘Entrepreneurship India’ aimed to create awareness about the various facets of entrepreneurship while promoting it as a career option amongst the students.



3rd IT ROUND TABLE [10 NOVEMBER 2017]

Over 120 delegates, 15 speakers graced the third edition of the IT HR Round Table in Bengaluru. The theme of the round table was “Implications of Artificial Intelligence on Talent”. The round table was privileged to have Mr. Krishnamurthy Shankar, Executive Vice President, Group Head, Human Resource Development, Infosys Ltd. as its keynote speaker along with other senior HR professionals from marquee IT companies like IBM, Tech Mahindra, L&T, KPMG, ITC Infotech, etc. The round table was directed by Mr. Dilpreet Singh, Vice President (HR), India/South Asia, IBM India Pvt. Ltd. with support from the corporate relations team at UPES.



7th POWER HR ROUND TABLE [8 DECEMBER 2017]

The theme of the event was “Future of workplace in the era of Transformation”. Dr. Jayant Kumar, Chief Human Resource Officer, The Tata Power Co. Ltd. along with Mr. Neeraj Aggarwal, Sr. Partner & Managing Director, The Boston Consulting Group, India kicked off the seventh edition of one of the most sought after HR events of the year in the most appropriately by discussing the Workplace of 2025 - Disruptors & Challenges. Attended by over 110 power sector HR professionals, the round table had the privilege of welcoming senior dignitaries from major power sector companies like, Power Grid Corp., GMR Energy, CESC Ltd., Tata Power Trading and many more.



WORKSHOP ON NEURAL NETWORKS & ARTIFICIAL INTELLIGENCE [18 NOVEMBER 2017]

Intel® Software, partnered with UPES ACM conducted an workshop at UPES Campus on Introduction to Neural Networks and AI Assistants with guest speaker Mr. Rishi Gaurav Bhatnagar, Software Innovator, Intel.



The workshop primarily focused on making the attendees understand the basic concepts of deep learning along with brief introduction to Neural Networks and its layers, Neurons, Sigmoid Function, Classification and its types, AI Assistants using Amazon Alexa, etc.

UPES-ACM Student Chapter was established in 2010 to address the needs of the UPES computing community. Goal of the chapter is to create interest among the students for computer science apart from what they learn during the course work. The chapter organizes talks and workshops on different subjects by speakers who are well known in their area.

STUDENT ACHIEVEMENTS AND AWARDS

The students of UPES have been participating in various National and International competitions and have won laurels for the University. Some of major events are illustrated below:

COLLEGE OF ENGINEERING & STUDIES

- ✚ **IBM WATSON HACKATHON** - Gobind Deep Singh, a student of B. Tech Computer Science and Engineering with specialization in Mainframe participated in the Hackathon organized by IBM Watson. He stood 2nd in India and 9th among the participating countries around the world. He was awarded an Apple MacBook as a prize. He participated in Code Gladiators 2017 which had invited India's best coders for biggest coding arena.

- ✚ **DRONE DESIGN & FLYING COMPETITION –**
Team Phoenix 2.0 from **B. Tech Aerospace** engineering with specialization in Avionics comprising Nikhil Raj, Niharika, and Shraavya won 2nd prize (cash Rs. 50000/-) and Trophy in the first ever Autonomous Drone Design & Flying Competition held in Punjab Engineering College, (PEC) Chandigarh on 25th and 26th Feb 2017. The Event was sponsored by Aeronautical Society of India (Chandigarh branch) and Aeronautical Research and Development Board (ARDB).



- ✚ **CERTIFIED ETHICAL HACKING CERTIFICATION** - 32 students of B.Tech Computer Science and Engineering with specialization in Cyber Security & Forensics cleared Certified Ethical Hacking Certification by EC Council US. This course is certified by the EC Council US and meets training requirements for those seeking registration as an ethical hacker.

This is first stage course which is mandatory if any candidate wants to pursue higher certifications like Licensed Penetration Tester, Computer Forensics Investigator etc. EC Council is the most prestigious InfoSec Organization in the world which trains and certifies candidates for various InfoSec Roles (<https://www.eccouncil.org/>)

- ✚ **MITACS GLOBALINK RESEARCH INTERNSHIP SCHOLARSHIP** - **B Kumar Sanu Rao**, pursuing B.Tech in Mining Engineering (2014-18 batch) was selected for **MITACS Globalink Research Internship Scholarship 2017 in Canada**. Globalink Research Intern award is provided to engage a student in a research project at one of Canada's leading research Universities.

- ✚ **BAJA 2017 –**
A team of B.Tech Automotive Design Engineering students from UPES - Dirt Marshall 2.0 secured 1st rank in "Sledge Pull" and won Rs. 1 lakh as a cash prize. Team was ranked 13th out of 413 teams registered initially with BAJA 2017. The team was led by captain Gomish Chawla. BAJE SAE is an



intercollegiate design competition run by the Society of Automotive Engineers (SAE). Teams of students from universities all over the world design and build small off-road cars. The goal in Baja SAE racing is to design, build and race off-road vehicles that can withstand the harshest elements of rough terrain.

- ✚ **HYBRID VEHICLE CHALLENGE 2017** – This event was organized by ISEI at Buddha International Circuit, Greater Noida. The students of UPES participated in this event and secured AIR 6th and they also got 1st position for light weight vehicle round.

- ✚ **CanSat 2017 COMPETITION**

UPES Team Astral comprising engineering and design students proved their mettle to grab first rank globally at CanSat 2017 at USA.

CanSat is a prestigious annual design-build-fly competition with space related themes organized by American Astronautical Society (AAS) and American Institute of Aeronautics and Astronautics (AIAA).

Competing 40 teams across the world in the finals this year in Texas, U.S.A including Princeton University, University of Manchester, University of Alabama, VIT University and National Aviation Academy, this UPES multi-domain team of 23 students emerged as winner and brought the laurel.



- ✚ **GOOGLE DEVELOPER STUDENT CLUB**

Shivam Ohri has been chosen as the **Student Lead** for the **Google Developer Student Club(DSC)** on UPES campus for the 2017-18 academic year. He has been selected after he stood out impressively best among 185 students Pan India through a rigorous five round selection process.

Shivam Ohri is a 3rd year student of B.Tech Computer Science Engineering with specialization in Graphics and Gaming. He will now set up and drive the Developer Student Club initiatives within our campus. DSC is a Google Developers program for university students to learn mobile and web development skills.



- ✚ **MARS HABITAT, POLAND**

2 of our Aerospace students namely N. Adhithiyam and Rohan Chandra got selected for being part of the Mars Habitat established in Poland as part of a collaboration between European Space Agency, Mars Society (USA), United Nations Space Generation Advisory Council and European Space Foundation.

For 2 weeks, they would live and work in a simulated Mars environment and collect valuable data related to Mars habitat which will be shared with space agencies across the world.

UNIVERSITY CHALLENGE OF INDIA INNOVATION GROWTH PROGRAMME 2.0 (IIGP)

Two UPES teams participated in the University Challenge of India Innovation Growth Programme 2.0 (IIGP), are amongst the top finalists. As winners each team received funding of Rs. 10 lakhs to build prototypes of a submersible unmanned aerial vehicle (UAV) and space debris management system.



WORKSHOP AT GMTC India Bangalore

Saumya Jaiswal, Sharan Sai from B.Des and Bibin Jose from M.Des Transportation Design, attended a 5 day workshop at GMTC India, Bangalore held between 11th–15th September.



The aim of the workshop was to bring design students from varied cultures and diversities and aid them to work together in a cohesive manner.

20 students from 7 design schools explored their ability to follow the complete design process in a week starting from ideations, sketching and, then clay modeling and finishing it off with a 3D model and rendering it on VRed.

INDIA DESIGN CHALLENGE

Two teams of students from M.Des Transportation Design course have been selected in Top 25 in India Design Challenge. The Challenge was organized by Maruti Suzuki in collaboration with Autodesk. Team **Unnati** was formed by students Akash Alegaonkar & Rushikesh Kadam and Team **D-Stallions** comprised Parth Tripathi & Sandeep Ture. Top Twenty-Five would be mentored by Autodesk, Maruti and NID. In the Final Competition, the shortlisted teams will be called in for a one-day grand finale at NID itself. What inspires these students as an award is the chance that would be provided to the top three winners as internship opportunity at Maruti.



INDIA INNOVATION CHALLENGE DESIGN CONTEST 2016

UPES team 'Futuristic' from the department of Electronics Instrumentation and Control Engineering won Rs. 5,00,000 for product development on reaching the final of "DST & Texas Instruments Inc. India Innovation Challenge Design Contest 2016." This was anchored by the Indian Institute of Management (IIM), Bangalore and supported by MyGov.

The team comprised Archit Agarwal and Aakash Verma from B.Tech Electronics engineering course. This contest was organized for students from Indian engineering colleges who have a dream to create something new, aspire to make a difference and contribute to India's success towards becoming an innovation hub. This team's product OBDAS (Automotive Electronics Solution) was enlisted in top 30 all over India out of 11000+ teams who participated in the contest.

NAVADHARA

Students of the department of Electronics, Instrumentation and Control Engineering won cash prizes of Rs.1,30,000 in different categories at National competition "Navadhara" held at Dev Bhoomi Group of Institutions, Dehradun. 73 teams from different institutes participated and prizes under 10 different categories were distributed. The Chief Guest Mr. Harak Singh Rawat, Minister, Uttarakhand & Dr. Rajendra Dhobal, DG, UCOST inaugurated the event. The prize distribution ceremony was held in the presence of Mr. Sehdev Pundir, MLA, Sehaspur Area, Dehradun. The UPES student team won awards under different categories under the guidance of faculty Dr. S. Choudhury, Dr. Rajesh Singh & Ms. Anita Gehlot.

COLLEGE OF MANAGEMENT AND ECONOMIC STUDIES

BUSINESS QUIZ COMPETITION AT ONGC

UPES management course students participated in the Business Quiz Competition during the National Institute of Personnel Management day celebrated at ONGC and won three prizes.

Indrajit Gupta and Akash Kachi from MBA Oil & Gas won the 1st prize of Rs. 10000, Om Prakash. G and Kartik Kumar Singh from MBA Oil & Gas won the 2nd prize of Rs. 7000 and the 3rd prize of Rs. 5000 was won by Maya T from MBA Oil & Gas and Shreyanshu Singh from MBA Logistics & Supply Chain Management.

INTERNATIONAL CONFERENCE ON BUSINESS, INTERNET, AND SOCIAL MEDIA (BISM 2017)

A joint research paper titled, "Impact of Digitalization on Automotive Industry: Challenges & Opportunities" was presented in the International Conference on Business, Internet, and Social Media (BISM 2017) held on August 16-18, 2017 at Tokyo, Japan. The paper was co-authored by Shubh Mehta, Student of BBA-Auto Marketing course, and Dr. Ankur Kumar Rastogi, Faculty, UPES. Besides UPES India, IITs, Indian Institute of Science, NITs etc. from India, there were around 39 countries that participated in the conference.

i5SUMMIT IN IIM INDORE

Suyash Jain & Kritika Navetia, students of BBA-Retail Management participated in many B-Plan competitions and won many a times. The recent addition is from E-Summit of IIT Kanpur to Delhi Management Fest to i5Summit in IIM Indore.

The team participated in i5Summit 2017 in IIM Indore on 19th - 20th August 2017 (Central India's Largest Entrepreneurship Summit at IIM Indore) to present their ideas in front of investors. Their venture name is "Foodie Indian" and this B-Plan was successful and got a positive response from the investor from Edelweiss. They got funds for their startup business plan for operations.

INTERNATIONAL CONFERENCE ON SUSTAINABILITY AND BUSINESS [SUSBUS 2018]



Research paper titled “Defending the Modesty of Trade”, authored by Kartik Kumar Vishwakarma (Student, BBA-Auto Marketing 1st year, UPES) & Chandrika Vishwakarma (Student, B.Com, LLB, UPES) has been selected for oral presentation in the International Conference on Sustainability and Business [SUSBUS 2018] to be organized by Centre for Development and Environment Policy (CDEP), Indian Institute of Management Calcutta, India on January 13-14, 2018.

The Research paper highlights that India should accept water privatization. It also states that how by doing water privatization we can involve many private companies in our project and how they can help Government sector.

COLLEGE OF LEGAL STUDIES

1ST SURANA & SURANA and RGNUL INTERNATIONAL LAW MOOT COURT COMPETITION 2017

The moot court team of School of Law comprising of 3rd year students Tushar Behl, B.Com LLB; Priyanka Sharma, BA LLB and Maulika Agarwal BA LLB secured the Runners up position . The team received the Best Memorial Award and Tusher Behl was awarded the 2nd Best Advocate Award.

AMITY MOCK PARLIAMENT [16 – 17 February 2017]

Shivang Khanna, B.B.A., LL.B. (Year I), participated in Amity Mock Parliament (February 16-17, 2017) as Former Prime Minister Manmohan Singh and won Best Orator Award in Rajya Sabha.

SURANA & SURANA NATIONAL CORPORATE LAW MOOT COURT COMPETITION, 2017 [17 – 19 February 2017]

Team comprising of Samridh Bindal, Sayak Chatterjee and Shubh Agarwal won the 4th best memorial award in the Surana and Surana National Corporate Law Moot Court Competition, 2017 which took place in JSS Law college. Mr. Sayak Chatterjee won the Best Advocate award.

AMBEDKAR NATIONAL ESSAY WRITING COMPETITION, 2017

Meha Dad and Snehil Sharma, students of B.B.A. LL.B. in Corporate Law 2nd Year secured second position in Ambedkar National Essay Writing Competition, 2017 held in the month of May, 2017. They were awarded with a cash prize and an internship with ‘Naks & Partners’, a prestigious full-service law firm in Delhi. The essay was also published in Volume I issue III of the Indian Journal of Constitutional Studies.

The theme for the exposition was 'Article 370 of the Indian Constitution' and the topic for the essay was 'Chasing its own tail around the maple'. The deeply-researched and illustrative essay was received gratuitously by the avid readers.

ALLAHABAD YOUTH PARLIAMENT (3 - 4 JUNE, 2017)

Maintaining his winning streak, Kshitij Singh of B. Com., LL.B. (Hons.) in Taxation Laws, 1st year received Best Delegate Award in Lok Sabha and Mohammad Aazam of B.A., LL.B. (Hons.) in Energy Laws, 1st year received Special Mention in The Allahabad Youth Parliament 2017. The event took place at United Group of Institutions, Naini on 3rd and 4th of June, 2017.

It comprised of 5 committees: Indo-Pak Joint cabinet meet, Stake Holder's meet, Lok Sabha, All India Political Parties Meet (AIPPM) and the Crisis Committee.

The Lok Sabha was a specialized committee based on the lower house of our bicameral Parliament which provided a forum for diverse and intensifying debate. The AIPPM was a venture to emulate political realities by stimulating the various levels of policy and governance existing in our nation today. The Indo-Pak Joint Cabinet meet was a platform to discuss the relation between India and Pakistan which has been plagued by hostility and suspicion due to a number of historical and political events. The event received overwhelming participation with fruitful debates and discussion on board. Overall, the participants rated the competition on high grounds and promised to revisit the future versions of the Youth Parliament Competition.

PATLIPUTRA RASHTRIYA YUVA SANSAD COMPETITION (10 - 12 JUNE, 2017)

Kshitij Singh, a student of B. Com., LL.B. (Hons.) in Taxation Laws 1st year received Best Delegate Award in the Stake Holder's Meet committee of "Patliputra Rashtriya Yuva Sansad"-2017.

The competition included six Committees. The topic for discussion in the committees were: The Lok Sabha: Reviewing Three years of NDA Government, The Rajya Sabha: Deliberation on Women safety & Empowerment, The Bihar Vidhan Sabha: Reviewing of Liquor Ban and Formulation of New Agriculture Policy for Bihar, The Stake Holders Meet: Discussing possible Solution for the Ram Mandir, AIPPM: Review of Special Status to Indian States Futuristic Crisis Committee: Crisis in Kashmir Valley.



The total cash prize awarded in the event was Rupees 2.16 lakhs. The inaugural ceremony was attended by Shri Nitish Kumar, the Honorable Chief Minister of Bihar Government. Shri Ram Nath Kovind, Former Governor of Bihar, delivered the valedictory address.

AGRA INTERNATIONAL MODERN UNITED NATIONS (23 - 25 JUNE, 2017)

Shubham Jha, a student of B.A., LL.B. (Hons.) in Criminal Laws 1st year received Best Delegate Award in Lok Sabha in the Agra International Modern United Nations which was organized from 23rd June to 25th June, 2017.

The Mayor of Agra, Mr. Indrajeet Arya, graced the event as the Chief Guest. This conference provided the delegates with current topics of world peace, disarmament and human rights to debate upon. With committees like the United Nations Human Rights Council (UNHRC), Social, Humanitarian, and Cultural Committee (SOCHUM), Disarmament and International Security (DISEC), Security Council and an Indian committee (LOK SABHA) the event ended on a high note.

The topic of debate in the Lok Sabha was Beef Ban in India and AFSPA giving special reference to Assam and Kashmir. The Altercations between 'The Democratic people of Korea' and 'The Republic of Korea' was the agenda for discussion of the Security Council. The SOCHUM committee began with their theme of Eliminating Cyber Crime in today's world. The HRC started up with a general speech soon followed by their topic of Violation of Human Rights during armed forces to vulnerable groups and the committee DISEC had an intense debate on Acquisition of Weapons for Mass Destruction and usage of biological terror weapons by non-state actors.

DIVYA JYOTI NATIONAL YOUTH PARLIAMENT, RAIPUR (15 - 16 JULY, 2017)

Young debater Shubham Jha, a student of B.A. LL.B. (Hons.) in Criminal Laws 2nd year, won the Best Delegate Award with cash Prize of INR 3000/- in Lok Sabha committee of the Divya Jyoti National Youth Parliament, Raipur which took place on 15th and 16th July, 2017.



The event witnessed the presence of Honorable Chief Guest Mr. Ajit Kukreja, Councilor, Anand Nagar, Raipur and Guest of Honour Shri Mahendra Ahuja, Chairman, Mayoor School. The committees for the youth parliament were Lok Sabha, Chattisgarh Vidhan Sabha, All India Political Party Meet and Stakeholders Meet.

L' DORADO DIPLOMATIC SUMMIT, AGRA (22 - 23 JULY, 2017)

Maintaining his streak, Shubham Jha, a student of B.A. LL.B. (Hons.) in Criminal Laws 2nd year, won the Best Delegate Award in the Lok Sabha committee of L' Dorado Diplomatic Summit, 2017.

The summit had four committees and their themes for discussion were as follows:

1. United Nations Human Rights Council (UNHRC): "Racial profiling and discrimination with special focus on Xenophobia and Islamophobia".
2. Economic and Social Council: "Managing the transition from MDGs to SDGs"
3. Disarmament and International Security Committee (DISEC): "Combating the threat of non-state military actors with special emphasis on the Middle East and North Africa".
4. Lok Sabha: "Creating roadmap for peace in the Kashmir Valley".

WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCES- SOCIETY FOR ADVANCEMENT OF CRIMINAL JUSTICE (NUJS-SACJ) ESSAY COMPETITION, 2017 [February 2017]

Anushka Arora and Anubhav Kumar, students of B.A. LL.B. (Hons.) in Energy Laws 3rd year, secured an All India 2nd rank in West Bengal National University of Juridical Sciences- Society for Advancement of Criminal Justice (NUJS-SACJ) Essay Competition of 2017, held in the month of February this year. They were awarded a Certificate of Appreciation and a Cash Prize of INR 3000/-.

The theme of the competition was "Curbing Consumption of Harmful Substances through Legal Mechanism". The topic of their essay was, "Liability of family members in the Enforcement of The Bihar Excise (Amendment) Act of 2016: Legally Justified?"

MADHYA PRADESH'S NATIONAL MOOT COURT COMPETITION, 2017

Vaidehi Parek, (B.A.LL.B.), Akarti Goswami, (B.Com. LL.B.), Sarika Rai, (B.A.LL.B), represented CoLS-UPES in the AMITY MADHYA PRADESH'S NATIONAL MOOT COURT COMPETITION, 2017. The team stood as Runner up of the competition. The team also won Best speaker award.

BHOPAL YOUTH PARLIAMENT

Shubham Jha, a student of B.A., LL.B. (Hons.) in Criminal Laws 2nd year, along with Yash Mishra, a student of B.A., LL.B. (Hons.) in Energy laws 3rd year, won the Best Delegate Award in Madhya Pradesh Vidhan Sabha and Futuristic War Cabinet, respectively, in Bhojpal Youth Parliament held on 7th July to 9th July 2017. Also, Kshitij Singh, a student of B.Com., LL.B. (Hons.) in Taxation Laws, 2nd year received the Best Campus Ambassador Award for the event.

3RD NATIONAL CLIENT COUNSELLING COMPETITION NORTHCAP UNIVERSITY, GURUGRAM, HARYANA (9 September 2017)

Team Consisting of Aman Bishnoi from B.A. LL.B. (ENERGY LAWS) 5th Semester and Harsh from B.Com. LL.B. (TAXATION LAWS) 5th Semester, secured 3rd Rank (2nd Runner-Up) in 3rd National Client Counselling Competition held at Northcap University, Gurugram, Haryana. Total 32 teams participated in the competition from all over the country. The team faced prime law colleges in the initial stages of the competition and made their way through to the Semi-finals.

NORTHCAP UNIVERSITY NATIONAL MOOT COURT COMPETITION

College of Legal Studies Moot team to have won the 4th NorthCap University National Moot Court Competition, 2017. The Moot team comprised of Kshitij Vaibhav, Debolina Roy, and Yash Gupta from 4th and 2nd year respectively. The NorthCap University, nationally renowned for leadership in Engineering and Management Studies, established a Law School in 2010 to promote profound scholarship and enlightened research in law.

INTERNSHIP AND EXCHANGE PROGRAM

- **Saumya Jaiswal**, B.Des Transportation Design course is selected for a six month Internship with General Motors at their Bangalore facility.
- 7 students from management courses including MBA International Business, BBA Foreign Trade, and MA Economics with specialization in Energy Economics are going to foreign universities under Students' Exchange Program. Among them, one of the International Business student has got confirmation to visit University of Alberta, Canada. Whereas three students of IB and two students of BBA would be visiting University of Maribor, Slovenia. MA Economics course student is leaving for University of Maribor, Slovenia shortly
- **Puneet Gambhir**, a student of MBA International Business course went to University of Alberta, Canada under International Student Exchange Program. Recently, she has won a stupendous scholarship of \$ 1,250 under Radhe Gupta International MBA Exchange Award, Alberta School of Business. This Award is determined on the basis of academic standing as well as demonstrated leadership in the community.
- **Amitabh Yadav**, a student of B.Tech Electronics Engineering is selected to do summer internship at Europe CERN (European Organization for Nuclear Research), Geneva, Switzerland.

GLIMPSE OF STUDENT EVENTS

IGNITE 2017 [19-20 February 2016]

The 6th Techno-Legal-Management Fest turned out to be one of the finest events organised with a huge footfall and with 1500 participants across 80+ events including 70 external participants.

The fest was declared open by our Honorable Director-School of Civil, Mechanical and Electrical Engineering, Dr. Suresh Kumar. The ceremony was graced by our Guests of Honor Mr. Benjamin Lionel, an Outstanding Scientist and Director at Instruments R&D Establishments (IRDE), DRDO and Mr. Karan Nagru, CTO-Xebia – India, who shared their thoughts about the idea of digitalization and helped us enhance our views on it.

The various events organised can be broadly divided into the genres of Robotics, Coding, Gaming, Fun, Presentation, and Exhibitions with each genre holding a handful of events within itself. Few of such names include: SpaceJam organised by the INFINITY Society, was an event that commenced with extempore being delivered by the participants, while Technosters was a coding event based on the latest technological developments in the IT sphere. PowerParliament too was an interesting initiative. Battle of Gamers was a gaming event that got the maximum hits with every gamer fighting it out to be the best in the league. Game of Drones as the name suggests, had Drones competing on a special arena and it was a delight to see the students competing. JAM had students debating it out and sharing their ideas on the dais with only a minute in hand. Rainbow too was an innovative idea where the participants set out to make new colours chemically and use their imagination to the maximum.



2nd TECHNO-LEGAL NATIONAL MOOT COURT COMPETITION [17-19 March 2017]

Technolawgy Society of the College of Legal Studies organized the 2nd Techno-Legal National Moot Court Competition. Justice Rajesh Tandon, Former Chairman of the Cyber Regulation Appellate Board was the Chief Guest of the competition. 29 teams sent their entries for the event, out of which 20 teams were shortlisted on the basis of a memorial selection round. The team from Indian Law Society from Pune emerged victorious, vanquishing competition from NUALS, Kochi. NLU Odisha won the Best Memorial Award Researcher from NUALS, Kochi and was crowned the Best Researcher.



DR. PARAS DIWAN MEMORIAL (ENERGY LAWS) INTERNATIONAL MOOT COURT COMPETITION [7-9 April 2017]



The 7th Dr. Paras Diwan Memorial International ‘Energy Law’ Moot Court Competition, 2017 was organized successfully from 7th to 9th April, 2017. To be distinctive and successful in the Energy Law sector, College of Legal Studies, UPES has been organizing this competition since 2011. In this year’s edition, the competition was based on the subject of

“Exploration of Resources on High Seas”. 28 teams from India and abroad participated in this event. It was great to see participants from almost 14 states of the country and a special shout-out to the team from Dhaka.



TEDX UPES [14 April 2017]

UPES School of Business organized an international event TEDx UPES. TEDxUPES was a full day event being curate by University of Petroleum & Energy Studies. Our goal was to bring bright minds to give talks that are idea focused on a wide range of subjects to foster learning, inspiration & wonder- and provoke conversations that matter. The focal point of the event was the concept of TED where esteemed personalities from different walks of life share their views and life stories with the students. The speakers delivered their talks on the theme “Transformation GenX” in the first ever TED talk hosted by any university in Uttarakhand



The event witnessed 8 powerful speakers from different fields and profession. They were:

- Mr Rohit Khandelwal, Mr. World 2016, an actor and a model.
- Ms Saundarya Pathak, 16-year-old table tennis wonder girl, a national level achiever in table tennis
- Mr Anil Prakash Joshi (padamshree), Indian Green activist and a Social worker
- Mr. Bobby Cash, International country Music singer, composer
- Mr Prateek Yadav, India’s number one Memory Champion
- Ms Samaira Chandra Gupta, Senior Image Consultant and trainer
- Mr. Pranav Sharma, Astrophysicist
- Mr Utpal Ghosh, President & CEO, UPES

NUCLEAR ENERGY AWARENESS PROGRAM (NEAP)

The Department of Nuclear Science and Technology organized Nuclear Energy Awareness Program (NEAP) successfully on the campus. The objective was to know about the latest happening in Nuclear Energy scenario from the professionals of the concerned industry. An inspiring plenary talk was delivered by the Chief Guest, Padma Vibhushan Dr. M R Srinivasan, member and former Chairman of the Atomic Energy Commission of India. Equally inspiring expert talk was delivered by the other Guest on the occasion, Mr. Rajneesh Lomash, Sr. DGM L&T Forgings followed the plenary talk.

UURJA 2017 [11th & 12th NOVEMBER 2017]

The two-day youth festival at UPES brought a mammoth of student strength together at one place from both the campuses to energize the atmosphere with scores of talented & power-packed performances by the students. This fest provided platforms for students to exhibit their talents & skills. This year' sub themes were Swacch Bharat; Women Empowerment; Anti-substance; Road Safety; Child Labour & Fun at Campus through dramas, graffiti, talent shows, quizardo etc. Among other highlights was famous DJ – Nitin Khurana. 'Gold Gym'; 'Jamboree'; 'Flying Machine'; 'Hi-Jinks'; 'Burger King' and 'VLCC' were the main sponsors of the fest.



ALUMNI MEET

ALUMNI MEET – PUNE CHAPTER (19 MAY 2017)

The 2nd Pune Chapter of UPES Alumni was organized at the prestigious Royal Orchid Central. The meet was attended by more than 70 Alumni ranging across various batches from in and around Pune. Mr. Utpal Ghosh, President of UPES also unveiled a book written by Subrat Mohanty, an alumnus of UPES, 2015 B.Tech Applied Petroleum Batch, titled “Those Four Years – The Bidholi Diary”.

ALUMNI MEET – DELHI CHAPTER (27 JULY 2017)

UPES Delhi Chapter had its Alumni Meet at India Habitat Centre. The Meet had brought in many fond memories to a small gathering, a befitting graduates from all walks of streams. Presence of more than 200 Alumni, few along with spouses and toddlers, happen to be nostalgic with their experiences, excitements, challenges or fun they had with their programs at UPES.

ALUMNI MEET – BANGALORE CHAPTER (11 NOVEMBER 2017)

Bengaluru Chapter Alumni meet was organized on November 11, 2017. The celebration provided a platform for alumni from classes of 2006 to 2017 to renew friendships, network, and learn about UPES’s news since they have left their alma mater. It was lovely to witness so many sentimental reunions between friends who had not seen each other for years. The highlight of the event was motivational lecture by Dr. Arun Kr. Ranganathan, Associate Vice President, Heading Domain & Consulting group of Energy and Utilities & Services Infosys. Mr. Brajesh Kumar Raman, Alumnus of 2005-09 Batch of B.Tech Applied Petroleum Engineering currently working with CGI Bengaluru as Lead Business Analyst was felicitated as best alumni from Bengaluru chapter for outstanding contribution and guidance to the Bengaluru chapter alumni and continuous support in placements.



ALUMNI ACHIEVEMENT

Lieutenant Hitesh Joshi, alumni of UPES made his Alma mater proud by leading the 144 strong marching contingent of Indian Navy at the 68th Republic Day parade of India on 26th January 2017. — Hitesh Joshi was with the University from 2012 to 2016 and completed his B. Tech in Electronics Engineering. He along with four other students of that batch was recruited from the campus by the Indian Navy in their final semester itself. Hailing from Lucknow Hitesh is the fourth generation from his family to join the Indian Defense forces.



Young Executive of the year Award to UPES alumnus

Ms. Surbhi Rana, 2006 -08 batch of MBA aviation Management who is currently working with Mumbai International Airport Pvt. Ltd. was adjudged the winner of the Airports Council International – Asia Pacific Young Executive of the year 2017 award on 27th April 2017. Her submission for the award was on the topic “Challenges and Opportunities for Small and Emerging Airports in the 21st century’ and offers practical solutions that may be considered by small and emerging airports in order to remain viable and competitive.



UGC MANDATE PROGRAMS

SPECIAL LECTURE – FREEDOM STRUGGLE [28 AUGUST 2017]

A lecture on Freedom Struggle was scheduled on 28 August 2017 which was delivered by Dr. P. K. Mishra and Dr. Pooja Gautam. The speakers covered the struggle starting from 1857 - the land mark and turning point of Indian National Freedom Fight and continued till attaining Independence on 15 Aug 1947

The session covered the following: -

- The Indian Rebellion of 1857 which was a major turning point in the history of modern India.
- Dadabhai Naoroji formed the East India Association in 1867
- The influence of socio-religious groups such as Arya Samaj and Brahma Samaj
- The work of men like Swami Vivekananda, Ramakrishna, Sri Aurobindo, V. O. Chidambaram Pillai, Subramanya Bharathy, Bankim Chandra Chatterjee, Sir Syed Ahmed Khan, Rabindranath Tagore and Dadabhai Naoroji, Sister Nivedita,
- 1905 - Partition of Bengal (Bang-Bhang) to execute “Devide nad Rule”
- 1905 to 1918 – Emergence of Lal, Bal, Pal: Lal Bal Pal (Lala Lajpat Rai, Bal Gangadhar Tilak, and Bipin Chandra Pal)
- 1914-19 – First World War –I :
- 1918-19 - Jalianwala Bhagh Massacre:
- Revolutionary Movements:
 - Kakori conspiracy , Azad Hind Movement
- First Non-Co-Operation Movement:
 - 1928 : Purna Swaraj Hamara Hai
 - 1942 : Quit India Movement:
- Resolution for Independence:
- Indian Independence Act 1947

The lecture was supplemented with very nice animated pictures and presentations which were very helpful in visualizing the situations and circumstances.

INTERNATIONAL YOGA DAY [21 June 2017]

University of Petroleum & Energy Studies, Dehra Dun celebrated International Day of Yoga with great zeal and enthusiasm. More than 90 Faculty, Staff UPES Students and our International students participated in the event. Our Cultural Convener – Dr. Shalini Vohra welcomed all the participants and shared her thoughts about benefits from yoga.

Mr. Anant Mishra shared the schedule of event with all participants this was followed by the Yoga prayer which was led by our Assistant Director Student Affairs Mr. Manish Madaan.

We had the privilege of practicing yoga with our Hon'ble Vice Chancellor – Dr. Shrihari who not only practiced yoga with all but also encouraged the young students to do so.

Our two young faculties who are also yoga followers Ms Apporva Gupta and Mr. Amit Kumar were the



instructors for the day. Both of them did all the Asanas as prescribed in the Yoga protocol and the entire gathering followed them.

YOGA SESSION [26 JANUARY 2017]

A yoga session was organized on 26th January, 2017 to raise the awareness about importance of health and how yoga encompasses all form of wellbeing; physical, emotional and psychological. The event received a warm response from the students as well as teachers.



INSTITUTIONAL AWARDS AND CERTIFICATIONS

ICABE ACCREDITS COLLEGE OF MANAGEMENT COURSES

UPES College of Management & Economics Studies have received international accreditation from IACBE (International Assembly for Collegiate Business Education) based out of Kansas, USA.

- **MBA – Logistics & Supply Chain Management**
- **MBA – Oil and Gas Management**

UPES College of Management & Economics Studies is the only Indian Business School, in fact the only business school globally which offers these two programs with accreditation by IACBE



NATIONAL INSTITUTIONAL RANKING FRAMEWORK

Participated in the NIRF India Ranking 2017 for the 1st time and UPES has figured as under:

- **Overall University category** 724 universities participated in the ranking exercise and UPES figures in the **Rank Band 101-150**.
- **Engineering Discipline**, 1007 Engineering Institutes participated and UPES figures in the **Rank Band of 151-200**.



BEST ENGINEERING UNIVERSITIES

UPES is ranked 28th with a score of 88.5 /100 in the The CEO World Magazine ranking of the World's Best Universities for Oil, Gas & Petroleum Engineering in 2017. The CEO World Magazine ranking is based on six major indicators of quality, overall Score (100%). The listing can be viewed on this link <http://ceoworld.biz/2017/07/20/worlds-best-universities-for-oil-gas-and-petroleum-engineering-in-2017/>. CEO World Magazine is world's leading business & technology magazine written strictly for CEOs and forward-thinking high-level executives at companies around the world.

GLOBAL HUMAN RESOURCE CENTRE LAW SCHOOL SURVEY 2017

UPES College of Legal Studies has been ranked 2nd in the Northern India region and ranked 7th in All India in the category of Eminence by global human Resource Centre (GHRDC) Law School Survey 2017.

ISO CERTIFICATION

UPES is an ISO complaint institutions since 2005 and certified as ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007 institution. Recently, UPES have again received an extension of all the three certificates by one year.

ACADEMIC INITIATIVE

➤ **Research Initiatives for Students of Engineering (RISE):**

RISE was initiated with an objective to promote research ideas of the budding minds. The overall objective of the program is to create a multidisciplinary and collaborative environment in research for the students, to produce and encourage quality publications in top-ranked referred academic journals, to promote an intellectual culture by embedding research skills and competencies within the student community and to promote association with the relevant industries to bring up the research work to the consumers. RISE is providing them the opportunity to initiate their research idea and taking them up till the product development stage. The outcome is reflected in the form of very good research papers and some of the project outcomes have been applied for the patents. The students have also show-cased their talent and potential to raise the flag of UPES at various National and International platforms.

➤ **Faculty Enrichment Program (FEP) by Centre for Academic and Faculty Enrichment (CAFE):**

FEP@CAFE envisions a faculty-initiated culture of innovation and development for enriched teaching-learning environment and promotes a culture for professional growth. It seeks to facilitate the best practices for enriched teaching-learning environment. All the faculty members are grouped as per their teaching experience. The topics for lecture/workshop/discussions are selected so as to improve the teaching skills, efficiency and effectiveness of the faculty members' by sharing best practices, to cater to the need for professional development, academic administrative & leadership skills and inculcate research based teaching.

One of the key activities includes the recording of a video lecture on any technical topic for duration of 15-20 minutes by the faculty members (less than 4 years' experience). The peer team judges this presentation and feedback is provided to the candidates for the further improvement.

➤ **Professional Software Training (PST):**

The objective of the 5 days PST (Professional Software Program) is to equip the students with the knowledge of various industry as well as academic relevant softwares which they can use in their projects and research such as Java , PHP & MySQL, Excel in Statistics for Engineers, MATLAB, Origin 9.0, SOLID WORKS, ADAMS, CATIA, Modeling and Simulation using MATLAB and SIMULINK, PLC Training, Arduino and its interfacing with LabVIEW, Xilinx ISE Software (VHDL Design), Machine Learning and Computer Vision on Raspberry pi Embedded, ANSYS HFSS, ASPEN PLUS, HTRI, Simsci Pipe Phase Simulation Software, DNV - PHAST and ALOHA Software, FDS and FLUENT, CFD - Ansys Meshing and Fluent, COMSOL etc. This program is conducted twice a year and the knowledge of these softwares is an add-on to the existing curriculum.

➤ **Remedial Classes:**

The prime motto of remedial classes is to provide extra support to the students who are not able to meet the desired attainment level. Extra classes are arranged for the students who secure less than 40% marks in Mid-Semester Examination wherein they get a golden chance to revise the subject content and discuss their problems with an understanding at their pace. It is observed that the performance of the students significantly improved after the remedial classes.

➤ **Bridge Course/Warm up Classes:**

The week long bridge course focuses on bridging the gap that the students usually face on transition from school to university education. The course content is developed and customized as per the requirement of the 1st year basic course curriculum. A test is conducted at the completion of the course and based on the performance of the students, they are characterized according to their grasping power and logical thinking, the details of which is shared with the concerned faculty member, who then tries to motivate and support them for enhanced learning during the regular classes.

➤ **Laboratory and Theory Videos:**

An initiative was taken to prepare video lectures of all the lab experiments indigenously by the faculty members of UPES. These lab videos are provided to the students alongwith the lab manuals through online portal called Blackboard. Students can watch these videos any time as per their convenience. They follow the videos systematically and complete the lab experiments more efficiently and effectively. The students are benefitted in various ways such as (i) enhanced learning experience (ii) deeper learning (iii) increased student motivation and (iv) better understanding.

To further support the students in their endeavor, the videos lectures on the topics of theory syllabus are also prepared and uploaded on the Blackboard. The videos are helpful to all the students, especially if they missed any class or faced difficulty in any topic of the course. Further the videos serve as a support tool for a flipped classroom.

➤ **Online Common Class Test (CCT):**

Continuous assessment of the students is an integral part of an education system. To ensure this, online CCT's through the Blackboard are conducted after the completion of each unit and the student's performance in each CO (course outcome) is evaluated and analyzed. The online test ensures quick assessment and provides instant feedback to the students on their performance. It also helps the teachers to monitor the regular progress of each student at a much faster pace. Thus online continuous evaluation not only helps the faculty members to identify areas of learning weakness within individual students, but also enables them to enhance the content and delivery of their subject matter.

INCUBATION & ENTREPRENEURSHIP

The Center of Innovation and Entrepreneurship (UCIE) at University of Petroleum and Energy Studies (UPES) is a Business Incubator (BI) with focus on the technology sectors in Uttarakhand and Delhi NCR region belt. The mandate of the center is to assist the UPES community entrepreneurs (faculty, staff, alumni and students) as well as the external community entrepreneurs commercialize their product/service ideas and/or accelerate their growth. The mission is to synchronize and synergize the interactions between various stakeholders of Entrepreneurship Ecosystem with utmost importance on enabling young students to become successful entrepreneur through our structured programs and events.

The key technology focus areas are:

Transportation, Infrastructure, E-commerce, Education, Energy, IT/ITES, Gaming and Animation, Cloud Computing, Biotechnology, Energy Technology, Food Processing technology, Retail Technology, Fashion Technology.

Major activities during 2016-17 were:

Startup Weekend Bootcamp

UCIE organized a startup BOOTCAMP for STARTUP WEEKEND DEHRADUN on 31st January 2017. The participants got introduced to the concept of Startup Weekend and got familiar to the concepts of business formulation.



Startup Weekend 2017



UCIE in association with TechStar and Global Shapers organized the startup weekend from 10-12 February 2017 to help students who come up with ideas and mentors them in best possible way. This paved way for organizing the Startup Weekend, an event of 54 hours spanned across three days comprising of interactive and brainstorming sessions of aspiring Entrepreneurs, Mentors and Industry Experts.

Session on Entrepreneurship by Mr. Ashok Soota, Founder Mind Tree Pvt Ltd

Mr. Ashok Soota, Founder Mind Tree Pvt Ltd visited the campus on 24 March 2017 to deliver a talk to members of Incubatee organizations of UCIE and other students of University who are interested in Entrepreneurship. Mr. Soota conducted an interactive presentation to help students understand the startup incubation process to the present audience. He shared his own experience and also examples from present day market. His ideas of putting entrepreneurship in a simplified manner helped young students learn basics of starting up their own businesses very well



Jumpstart Investor meet

As the Centre moves further and starts playing a pivotal role in building startup ecosystem in Uttarakhand region, it would be working as Knowledge Partner with JumpStart; Jumpstart is the first co-working hub and incubator in the private sector in Uttarakhand located in the heart of Dehradun. Their vision is to create and build startup ecosystems in tier II-III cities and build a chain of mutually dependent startup community in India. JumpStart offers to nurture startup by offering them connect & collaborate with like-minded people; appropriate guidance & grooming; subject-expert mentors; in-depth legal and financial

know-how on company creation; intellectual property, business development & marketing; fire-side chats with successful entrepreneurs; networking with industry leader and Angel Investors to seed fund the ventures.

Workshop on MUDRA, Startup/Standup, MSME Policies



UCIE incubatee organization members and students of UPES attended a workshop on 8 August 2017 at DIT Dehradun. The workshop focused on spreading awareness amongst the budding entrepreneurs about MUDRA, Startups/Standups, MSMEs and the Credit financing institutions. The event was chaired by Hon'ble Mr. Trivendra Rawat, Chief Minister of Uttarakhand along with Mr. Dhan Singh Rawat, Minister for Higher Education Uttarakhand. They were accompanied by Mr. Ganesh Joshi and Mrs. Manesha Panwar (Secretary, Industries Department Uttarakhand

Government).

Startup Seminar Series

UCIE in association with PHD Chamber of Commerce and industry conducted a seminar on 7 September 2017. The objective of this seminar was to provide an opportunity to Startup Entrepreneurs and Researchers to accelerate the development of their start up with special focus on SMEs and Rural startups. The main highlight of the event, was right after the inaugural session wherein students from UPES, Graphic Era and IIT Roorkee had come to pitch their start up idea in the form of a presentation as well as demonstration of their prototype (if any) before the panel of experts and Hon. Minister of Finance Uttarakhand, Mr. Prakash Pant. Dr. Ajit Nigam, PHD Chamber startup Task force member and also the head of the Entrepreneurship function across the university was one amongst the panel.



Session on Entrepreneurship by Mr. Bal Jinder Sharma



A session on Startup Incubation & Entrepreneurship Development by Mr. Bal Jinder Sharma was conducted on 12 September 2017 to help students understand various issues associated with starting a Business. Mr. Sharma is CEO of Frontline Africa Ventures Pvt. Ltd. Mauritius and an Entrepreneur, Investor and Corporate Advisor.

Mr. Sharma conducted an interactive presentation to help students understand the startup process to the present audience. He shared his own experience and also examples from present day market. His session mainly focused on:

- ✚ Entrepreneurship –myths & realities
- ✚ Startup Ecosystem – (miss) understandings
- ✚ Stakeholders' Perspectives
- ✚ Integration & Convergence of Interests
- ✚ Mapping Startup Journey
- ✚ Challenges & Opportunities

Mr. Sharma then interacted with students to listen and understand their business ideas and provide them useful insights on how to go ahead with their ventures.

Intellectual Property Rights Seminar

UCIE organized a seminar on 'Intellectual Property Rights' on 24 October 2017. The session dwelled upon learning how an innovation in a business idea is protected and hence know more about IPR. A numbers of speakers were invited to be seated in the panel, including PHD Chamber Regional Director Mr. Anil Taneja who spoke about opportunities that the Government of India has been creating for start-ups in India.



Mr. Sandeep Agarwal, Attorney IPR; Mr. Amit Mishra, Startup Advisor to GoI, delivered talk on Intellectual property rights and patents to the audience and 'IPR perspective for the Start-up' respectively

We are Entrepreneurs - A session by Mr. Rahul Bhatnagar



On the occasion of Global Entrepreneurship week, UCIE organized a session on 'We are Entrepreneurs' on 17 November 2017 in which an award winning entrepreneur, Mr. Rahul Bhatnagar was invited to enlighten the students with his business experiences and real life learnings.

Mr. Bhatnagar not only talked about entrepreneurship, but also motivated the students and other guests to work towards their goals and things they were passionate about. He taught money making strategies through social media and freelancing, helping the audience know about the entrepreneurship culture in the digital world.

The audience also learned about how one can transform their ideas and make them fall into the blue zone. Mr. Bhatnagar later had an interactive session with the audience, clearing their doubts and making topics like 'Funding' intelligible to them.

Industry Awareness Program on Financial Support to MSMEs in ZED Certification Scheme

UCIE conducted an Industry Awareness Program on Financial Support to MSMEs in ZED Certification Scheme on 23rd November 2017. The aim of the event was to sensitize the incubatee organizations of UCIE with ZED scheme along with providing them an opportunity to interact with Industry leaders from Uttarakhand. The ZED Model is applicable for all sectors of manufacturing industries. It will focus on MSMEs and small businesses and will address the quality and ecological needs of domestic and overseas customers, society, employees, partners, regulators, and investors. To enable the advancement of Indian industry to a position of eminence in the global marketplace and leverage India's emergence as the world's supplier through the 'Made in India' mark.

The event was graced by Mr. Anil Taneja, Regional Director, PHD Chamber; Mr. S.P. Tyagi, Managing Director, Systatic Consulting & Eminent Expert, ZED.

RESEARCH AND DEVELOPMENT

➤ SPONSORED RESEARCH PROJECTS 2017

S.No.	Title	Agency	Project Leader	Duration	Budget (INR Lakhs)
1	Sustainable Grey Water (GW) Treatment Technology for Community Buildings	DST	Dr. Jitendra K Pandey	3 Years	127.85
2	2D Material: Multilayer GaN	DST-SERB	Dr. Ratnesh K Pandey	3 Years	55
3	Nanocomposites Based on Functionalized Nanofillers	DST-SERB	Dr. S Rana	3 Years	54.8973
4	An intelligent tutoring system for children with learning disabilities – dyslexia, dysgraphia and dyscalculia	TIDE-DST	Dr. Neelu J Ahuja	2.5 Years	32.474
5	Development of a novel technology for production of hydrocarbon fuels from mixed Plastic waste	SERB-DST	Dr. Praveen K Ghodke	3 Years	38.896
6	Investigation of fusion-fission reaction dynamics in heavy ion interactions	DST	Dr. D.P. Singh	3 Years	40
7	Implementation of Evolutionary Computing Algorithm for polarimetric SAR data processing and classification	ISRO	Mr. Anil Kumar	3 Years	17.9

➤ **RESEARCH COLLABORATIONS**

1



Tyumen Industrial University, Russia

2



University of Salerno, Italy



3



International Water Association

4



Technical University of Kenya, Nairobi

5



University of Maribor, Slovenia

➤ **DISTINGUISHED LECTURES**

1. Dr. D.K. Tuli, (Executive Director and Centre Coordinator (DBT-IOC Advanced Bio-Energy Research Centre, Faridabad) - **Invited Talk**
2. Dr. Medha Tadpatrikar and Dr Shirish Phadtare, RUDRA ENVIRONMENTAL SOLUTION (INDIA) LTD - **Industry expert interaction**
3. Prof. Ashok Priyadarshan Dimri, School of Environmental Sciences - Jawaharlal Nehru University - **R&D Awards**
4. Dr. Kota Harinarayana (Former Vice Chancellor, Hyderabad University - **Foundation Day Lecture**
5. Dr. Uday S. Agarwal, FNAE, President (R&D), Grasim Industries Pvt. Ltd., Mumbai - 5th Annual UPES Distinguish Lecture in Chemical Engineering

	Highlighting the need for water conservation in sustainable ways	Prof. Ashok Misra BoG – IIT Roorkee
	Water crisis and simple ways to address water issues	Dr. Mukesh Kumar Director, Indo-French Center for Research
	Stressing on the need for development of indigenous solutions for existing and emerging water challenges faced by our country	Dr. Neelima Ahluwalia Scientist-E, Technology Mission Cell Water & Solar Energy – DST
	Nature-Inspired Nano-Bio Hybrids for Photoenergy Conversion	Prof. Elena A. Rozhkova Argonne National Laboratory, USA
	Novel classical and quantum photonic devices by engineering light-matter interactions in low-dimensional systems	Prof. Ritesh Agarwal University of Pennsylvania, USA
	Energy and chemicals from biomass by subcritical and supercritical fluids	Prof. Novak Zoran University of Maribor Slovenia,
	Aquaporin A/S company as a ground-breaking biotechnology developer	Prof. Irena Petrinic Laboratory for Water Biophysics & Membrane Processes, Slovenia
	Immobilized enzymes as bionanocatalysts	Prof. Maja Leitgeb University of Maribor, Slovenia
	Membrane distillation for sea-water	Prof. Patrick Loulergue Université Rennes, France
	Electrokinetic characterization of membranes for water and energy	Dr. Anthony Szymczyk Université de Rennes, France

	Development of Novel Carbon Nanotubes Supported Catalysts for Fischer–Tropsch and Higher Alcohol Syntheses Prof. A. K. Dalai University of Saskatchewan, Canada
	Recent Solar Power System and ESS (Super-capacitor/Li Polymer Battery/Chemical Battery) for Various Applications Prof. Hee-Je Kim Pusan National University, South Korea
	Water Treatment: Status and technologies adopted in France Prof. Benoit Teychene University of Poitiers, France
	Solar Thermal Energy systems Prof. S. C. Mullick Emeritus Professor
	Highlighting the need for water conservation in sustainable ways Prof. Nanda Gopal Sahoo Kumaun University
	Microbial Fuels Cells – Challenges and opportunities Dr. P. Prakash DRDO-BU Center for Life Sciences, Bharathiar University Campus
	Graphene and Its Inorganic Analogous as Nano-Additives for Energy Efficient Lubricants: Challenges to Opportunities Dr. O. P. Khatri CSIR-IIP
	Vertically aligned ZnO/Ce2S3 radial heterojunction core/shell Nanorod arrays for Enhanced sunlight driven Photocatalytic properties: Tailoring inorganic heterojunction for efficient charge separation and transport Dr. R.T. Rajendra Kumar Bharathiar University
	Perovskite Solar Cell: Performance, Stability and Future Prospects Prof. K. K. Pant Petrotech Chair Professor, IIT Delhi
	Carbon Nanomaterials for Fuel Cell Applications Prof. Suriani Barkat Universiti P. Sultan Idris, Malaysia
	Thin film based paper strips for detection of toxic industrial chemicals in water supplies Dr. Naidu Dhanpal Jayram Chair, Division of Mechanical Sciences, IISC, Bangalore

LEARNING WITH LEADERS

1. **Dr. Niranjana Bagchi** delivered a series of lectures between April 12th-15th, 2017 under the Learning with Leaders initiative of the UPES R&D department. Dr. Bagchi has been the former Advisor to Ministry of Environment and Forest (MoEF), Govt, currently he is the adviser to Chairman, Karnataka State Pollution Control Board, Bangalore and Empanelled EIA Assessor with Quality Council of India (NABET), New Delhi.

In his talks with faculties and students, Dr. Bagchi focused on the steps involved in performing Environmental Impact Assessment (EIA). The concept of EIA was explained with the help of two case studies - one for paint and the other one for a cement industry. More than 70 faculties and students benefited from the talks and interactions with Dr. Bagchi. Other topics that were discussed by Dr. Bagchi include Pollution Control (PC), Hazardous Waste Management (HWM), mathematical modelling of environmental systems, engineering controls, Life Cycle Analysis (LCA), and climate change.

Additionally, the avenues open for submitting research proposals to funding agencies such as MoEF, DST, DBT, MNRE, etc. were also highlighted during interactions with Dr. Bagchi.



2. **Shri. Manoj Krishna Joshi, Former Director (Technical) Engineers India Limited, 21st – 25th August 2017**

The program “Learning with Leaders” is an extreme influence on the student community on improving the credibility, capability, striving for excellence, professional standing and eminence of new ideas which fosters national growth.



The World’s demand on Oil and Natural gas is increasing at a drastic scale, innovating new and smart technologies for energy optimization. The Process Design Expert in India popularly known as the Aspen Man Shri M. K. Joshi solicited his presence at UPES, Bidholi to share his hands on experiences and produce actionable strategies to create the next generation of young Process Designers.



The five day long lecture by Shri. M K Joshi elucidated the participants over spectrum of techniques involved in Oil and Gas Industry:

- Process Design and Scale up
- Refining Technologies
- Instrumentation and software used in analysis
- Use of Genetic Algorithm in engineering
- P&I Diagrams.

3. **Dr. R. K. Malhotra** delivered the “Global and India R&D Scenario”, “India: A big producer and Giant Market”, and “Mapping of Idea” with an emphasis on: CO₂ capturing and utilization, CO₂ to carbonates and derivatives, To curb methane emissions, Potential and challenges of renewable energy production and applications (waste to H₂ production, agro waste to energy)



4. **Dr. M.O. Garg** delivered a talk, which was highly appreciated and motivated to the participants with the emphasis on:
- a. Collaboration with international universities working in similar domain.
 - b. Online high level training program for professionals with oil and energy domain.
 - c. Industry relevant research programs.
 - d. Joint PhD program with top international universities (MIT, UC Berkley, Purdue, Cambridge).
 - e. Specialized programs in Energy Areas (jointly with foreign universities)
 - f. Faculty exchange (sabbatical for more faculties)



QUALITY ASSURANCE INITIATIVES

INTERNAL QUALITY ASSURANCE CENTRE (IQAC)

Objective

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Constitution of the IQAC

The composition of the IQAC is as follows:

1. Chairperson: Head of the Institution
2. A few senior administrative officers
3. Three to eight teachers
4. One member from the Management
5. One/two nominees from local society, Students and Alumni
6. One/two nominees from Employers /Industrialists/stakeholders
7. One of the senior teachers as the coordinator/Director of the IQAC

Internal Quality Assurance Cell (IQAC) of the University for 2017–18 is as follows:

1.	Chairperson	Vice Chancellor
2.	Senior Administrator Officers	Heads of Constituent Colleges Head - Innovation Head – Quality Assurance & Accreditations Head – Incubation Head – Academic Planning & Monitoring Head – R&D Head – Hybrid Blended Online Learning Head – HR Head – Corporate Relations and Career Services Controller of Examination Registrar Chief Librarian
3.	Faculty members	<ol style="list-style-type: none"> 1. Dr. Ajay Kumar, CoES 2. Dr. Pankaj Kumar, CoES 3. Dr. Vijay Parthasarthy, CoES 4. Dr. Neelu Ahuja, CoES 5. Dr. Durgansh Sharma, CoES 6. Dr. Thipendra P. Singh, CoES 7. Dr. Neeraj Anand, CoMES 8. Dr. Atul Razdan, CoMES 9. Dr. Mamta Rana, CoLS 10. Dr. Radheshyam Prasad, CoLS
4.	Members from Management	Mr. Sachin Jain, Secretary, HERS
5.	Existing students:	<ol style="list-style-type: none"> 1. Anish Singh – B.Tech (APE-UP) 2. Pragya Sood, B.Tech.(CSE) 3. Vertika Saxena – B.Des. 4. Arjun Das, MBA (AVM) 5. Dipti Khatri, BALLB(Hons)

6.	Alumni	<ol style="list-style-type: none"> 1. Surajit Mondal, M.Tech. (Energy Systems with spl. Renewable Energy) 2013-15 2. Varnita Varma, M.Tech (Robotics) 2014-16 3. Sanka Rama Venkata Siva Prasanna, M.Tech(PLI) 2014-16
7.	Employers/Industrialists	<ol style="list-style-type: none"> 1. Mr. Sanjay Mittal Director (Operations), Power Transmission Corporation of Uttarakhand Limited (PITCL). 2. Mr. Vikas Matta, Manufacturing Head – Haridwar Plant Hero Motocorp Ltd.
	Members from local Society	<ol style="list-style-type: none"> 1. Dr. Nirmal Kumar Upreti, Scientist – G, Wood Seasoning Discipline, Forest Products Division, Forest Research Institute (FRI) 2. Dr. Atul Kumar Gupta, Associate Professor & Head, Department of Chemistry, SGRR (PG) College, Dehradun.
9.	Director IQAC	Dr. Kamal Bansal, Dean (Academic Development & Innovation)

The tenure of the members listed in Sl. 3 and 9 will be 1 year, others shall be ex-officio members. Other faculty members, external experts may be invited as special invitees to assist the IQAC in carrying out the functions/advice.

Meetings

During the Academic Year 2016-17, Four (04) meetings have been held as under:

1. IQAC Meeting 20th August 2016
2. IQAC Meeting 5th November 2016
3. IQAC Meeting 1st April 2017
4. IQAC Meeting 17th June 2017
5. IQAC Meeting 30th November 2017

Major recommendations:

1. All departments across UPES should select and nominate one faculty as Research Faculty. Departments should also nominate the faculty team in the respective departments that will support the Research Faculty. The research faculty will have tenure of 2 years. The progress in research will be reviewed annually by the HOD / Programme Head and the Director / Dean of the respective college. The teaching load of the Research Faculty and the supporting faculty team will have to be reduced in order to allow ample time for research coordination and research initiation from the department.
2. The colleges should announce the number of PhD and Post-Doctoral seats available with each department at the beginning of each semester.
3. IQAC also recommends that UPES should focus on research on applied sciences to utilize the capability of the faculty in these areas.
4. All departments will identify research areas and topics for research under the respective departments. The names of the successful PhD applicants after RAT qualification should be sent to the respective Deans for the formal academic process of allotting topics and supervisors.
5. At least one reviewer of any Post-Doctoral Thesis will be from an overseas location.

ON GOING INITIATIVES

- NAAC – Online submission of Institutional Information will be made in the May-June Window
- NBA – Online submission of SSR will be made in the month of October/November 2017

EXTRA CURRICULAR ACTIVITIES

INTRA MURAL CRICKET TOURNAMENT 2017

10th UPES Intramural Cricket Tournament started on 17th February 2017 with 1024 students from 64 teams in men section and 9 teams, 90 girl's student from various courses.

Total 64 matches in men section and 8 matches in women section were played in the tournament. Final match in the men section was between XI STARS (IV YEAR) VS HARDLY MATTER'S (III YEAR). XI stars won by 8 wickets.

Details of individual brilliance is as follows: -

- **MAN OF THE SERIES:** SHUBHAM RATURI from B.Tech IV year WITH 10 WICKETS, 120 RUNS, 4 CATCHES AND ONE RUN OUT.
- **BEST BATSMAN:** SOORAJ BHALL from B.Tech LLB IV year WITH 261 RUNS
- **BEST BOWLER:** SAGAR SIKKA from B.Tech IV year WITH 11 WICKETS

In women section final was played between APURVA XI (II YEAR) VS SUMAN XI (II YEAR), APURVA XI won the championship.

Vice Chancellor Dr. Shri Hari graced the prize distribution ceremony, Dr. Kamal Bansal Dean, COES



UPES ANNUAL ATHLETICS MEET 2017

Nine track events and 3 field events were organized. from 6 Feb to 10 Feb 2017.

782 Boys 123 Girls from various courses from various year participated in the events of their own choice. Kartikey Gupta of B.Tech III year and Shipra Tomar of Bachelor of Fine Art become the fastest man and women of UPES.

Director – Students Affairs Brig Dr. Anil Sharma graced the occasion and gave the medals to all the winners.



INTRA MURAL BADMINTON TOURNAMENT 2017

2nd Intra Mural Badminton Tournament was inaugurated on 12h April, 2017. 359 boys and 96 girls participated in singles (boys and girls), doubles (boys and girls) and mixed doubles events.

The Final matches in all categories were played on 1st May followed by the prize distribution ceremony which was graced by Director Student Affairs and Director HR.



4th INTRA MURAL BASKETBALL TOURNAMENT 2017

4th Intra mural Basketball Tournament started on 12th April, 2017.

20 teams comprising of 240 players in men section from various courses and five teams in women section comprising 40 players participated in this tournament.

The match fixtures were drawn on 11 April in the presence of 16 captains. The Final match was played on 21st April between the WARLORDS LLB Vth year team

and FLYBALLERS 1st year team(mix students from B.Tech & Law), WARLORDS won the championship by 54 – 43 points.

In women section mix team of Law & Management won the championship beating mix team of B.Tech I & III year by 34 – 32 points.

Prizes were given by Brig Dr. Anil Sharma (Retd), Director Student Affairs.

INTRA MURAL TABLE TENNIS TOURNAMENT 2017

2nd Intra mural Table Tennis Tournament started on 24th April, 2017.

107 boys and 35 girl participated in singles (boys and girls), doubles (boys) and mixed doubles events, Finals was played on 27 April.

Shubham Ghildhiyal of B.Tech ASE AVE I year won the singles title in men section and Lakshita of BBA LLB III year won the singles tie in women section.



MANAGEMENT MONSOON MAGIC 2017

Various sports activities were organized in Management Monsoon Magic (M3) from 27 June 2017 to 2nd July 2017 details are as follows: -

Football tournament, Basketball tournament for men & women, Volleyball tournament for men & women & badminton tournament for men & women and Table Tennis for men & women were organized. Six teams participated in each event in a league base tournament.

CHAMPIONS CUP 2017

Maiden Badminton tournament for UPES faculty & staff was organized from 25th May to 31st May 2017 as Champions Cup 2017. Total 64 players from 8 teams participated in the tournament. Total 80 matches were played in the tournament. Team CIT & SODS "A" won the championship beating COES "B" team, Team COES "A" become the 1st Runner-up.



INTRA MURAL FOOTBALL TOURNAMENT 2017

11th Intramural Football tournament started on 28th August, 44 teams (704 students) from various courses participated in the men section. The fixture was drawn on 27th August in presence of 42 captains.

It was indeed an honor that our Alumnus Lieutenant Vaibhav Misra (B.Tech Civil pass out batch 2012-16) inaugurated the tournament. The final match was played between Zodiac FC (II year) V/S Kronos FC (IV year), Zodiac FC won by solo goal in a nail biting finish



Aditya Gupta from Zodiac FC won the Golden Boot Award scoring 7 goals in the tournament.

The final match was graced by the esteemed presence of our Honorable Chancellor Dr. S.J.Chopra who gave the prizes to the players and officials. Officials from State Football Referee Association officiated the main matches including the final and semifinals.

UPES FOOTBALL TEAM TRIAL

UPES Football team trial was held on 4th October over 200 students from various courses participated in the trial out of which 60 cleared the physical fitness test.

Expert from Uttarakhand Football Association took the skill test to select the final sixteen players.



UPES CRICKET TEAM TRIAL

Physical fitness test for aspirants for UPES cricket team was held on 3rd November. 182 students from various courses cleared the physical fitness test.

Final skill test was taken from 14 to 17 November 2107 and final 16 were announced.

OFF CAMPUS PARTICIPATION**NORTH ZONE INTER UNIVERSITY TOURNAMENT 2016-2017**

UPES Basketball team participated in the North Zone Inter University Championship organized by Punjabi University, Patiala. UPES reached Pre quarter final stage.

**NORTH ZONE INTER UNIVERSITY TABLE TENNIS TOURNAMENT 2016 -2017**

UPES Table Tennis team participated in the North Zone Inter University Championship organized by Chitkara University, Himachal Pradesh. UPES reached Pre quarter final stage.

NORTH ZONE INTER UNIVERSITY

UPES Cricket team participating in the North Zone Inter University Championship organized by MD University Rohtak, Haryana.

Organized Petra ball, a six-a-side football tournament as a part of the UPES SPE FEST 2017.

UPES played a Friendly Football match with the cadets of Indian Military Academy at its home ground Bidholi.



CULTURAL & SOCIAL ACTIVITIES

RUN FOR UNITY - 31 OCT 2017

To celebrate Birth Anniversary of Indian Iron Man in Indian Politics Sardar Vallabh Bhai Patel. More than 120 students ran for unity of the nation from Vidhan Sabha to Police Line.



SWACHH BHARAT PAKHWAARA -01 TO 15 SEP 2017

- Took charge of Essay Writing Competition and Talk on Health & Hygiene as per directive given by UGC in order to celebrate Swachh Bharat Pakhwara



- Drafted a write - up on the entire 15 days activities
- Promoted wardens for Cleanliness Competitions in their respective hostels:

FRESHER'S PARTIES @ UPES

To officially welcome the fresher's, fresher's parties were organized on following dates:

- 27 August - CoLS
- 09 September – CoES and SOD
- 10 September - CoMES
- 17 September - SOCS (B Tech and M Tech)



The parties started with Lamp Lightening followed by welcome dance. Students of 2nd year displayed a Band performance to welcome the fresher's.

BLOOD DONATION CAMP – 20 – 24 Feb 2017

Coordination for 5 days with the faculty, staff and students in both the campus; encouraging for donation. UPES donated a record number of 2164 units of blood

ANTI-SUBSTANCE ABUSE AWARENESS CAMPAIGN:

- A handbook on "Anti Substance Abuse Awareness" drafted to be circulated among the students to be circulated in new session starting from Jan-2018.
- One handout is shared on "Use and Impact of Tobacco"
- One handout is drafted especially for women students named "Women and Drugs"
- In order to educate on legal repercussions of substance abuse, drafted "NDPS Act".
- FIVE presentations are shared with the students through UPESLives and emails for further sensitization.
- UPES Postings – 26; Total View: 26268

CRISIS PREVENTION AND MANAGEMENT

- Mar 2017 - a student got hurt badly in a major Road Traffic Accident damaging multiple organs. His hospital coordination and medical insurance facility was availed with immediate effect before completion of 24 hours.
- A case of vehicle collision by 3 students - while reversing car, student had hit the parents' official army car and broke the star plate. Parents had come for their daughter's admission.
- Panic information reached to us on 20 Sep 2017 that an MBA student had written a suicide note. On investigation, it was found that it was a note written in depression occurred due to her relationship. She was counselled effectively and assured that she would not take any harmful step.
- 20 Sep 2017 - Received a call from one student informing that our one student was in synergy and declared dead by the doctors there. Escalation of information to the whole DSDS Team to reach to hospital and take care of injured students. No one was able to recognize these students. It took a while when another student recognizes them and let us know their name. Overhauling the database, finding the details, further coordination with the respective CC to find out contact details of injured students' parents. All of us were in constant touch over phone. Parents were informed and requested to reach Dehradun. Medical Insurance of injured students was initiated with immediate effect.

NPS COMMUNICATION & PUBLICATION:

- Coordination for NPS communication with all the respective concerns and draft on behalf of VC to be shared with the students.
- A first ever six-monthly compilation of Departmental Newsletter "Vibration"
- Publication in Forging Ahead - Jun-2017(Vol-1, issue-2) - Guest lecture, Nukkad Naatak, Poster PAinting Competition, Quiz Competition, got 1.5 page coverage on Road Traffic Safety Measures.
- **Content submitted to get published in Forging Ahead's next issue** - on behalf of entire department a 24-page content has been submitted to Ms. Suparna Ghoshal - 10 Oct 2017

ROAD TRAFFIC SAFETY AWARENESS PROGRAMME

1. An e-book on Road Traffic Safety - compiled a compendium to educate our two-wheeler and four-wheeler riders; circulated among all students through all the course coordinators.
2. Circulation of a presentation "Because We Care" through all the Course Coordinators among all the students. In this presentation, we focused on safe driving practices to prevent road accidents.
3. Obtaining Undertaking from all the students at the beginning of semester - January 2017 - the exercise was done in order to sensitize the students to follow traffic rules and regulations and to follow preventive measures for safe driving.
4. Guest Lecture by subject expert Dr. Pravin Mittal - Sr Orthopedic Surgeon, Synergy Hospital – 25 Jan 2017.
5. The speaker Dr Praveen Mittal spoke about Road Traffic Accidents, injuries, mortality rates due to such injuries, Motor-Vehicle Crash, Injury Prevention, Engineering-Enforcement-Education, Road Safety. He emphasized side-effects of Road Accidents, Pedestrian Safety and Communication during accident. Around 150 students attended the session.



NUKKAD NATAK - 14 FEB 2017

Students of Team Paradigm conveyed strong message to the viewers for safe driving through the street play. They acted on the following burning issues related to Road Traffic Accident:

- Over-speeding
- Rash and Negligent Driving
- Not wearing Helmet
- Use of mobile while driving
- Triple riding
- Drunken drive



POSTER MAKING COMPETITION - 17 FEB 2017



Poster Painting Competition was organized on 17 Feb 2017 in Mini Amphitheatre on the theme "National Road Safety Awareness". Students from all the discipline participated in the competition with great enthusiasm.



QUIZ - 18 FEB 2017

Students from all the disciplines participated in the event. The event included Qualifying (written test), Visual and Rapid Fire Rounds. These rounds were based on Road Safety Signs - compulsory/ cautionary/ informative, slogans and related messages.



SURPRISE CHECK IN PARKING AREA:

Consecutive surprise checks in the Parking area where students were caught who were violating traffic rules not wearing helmet. These students were counselled on “Safe and Defensive Drive” showing videos of accident-survivors and an appeal from parents to drive safe.

Workshop by SSP, SP-Traffic, 3 Orthopedic Surgeons from Max Hospital - 2 hours’ session addressing the First Year Students of COLS during induction on 01 Aug 2017.

This workshop was result of incessant follow-up with SP-Traffic Mr. Dharendra Gunjhial; Government’s endeavor to educate youngsters on Road Safety along with celebration of Orthopedic Doctors’ Week (01 to 07 Aug) by the Orthopedic Doctors Association.

DOCUMENTARY COMPETITION - 11 JUL TO 16 AUG 2017

A documentary competition on “Road Traffic Safety” was organized by Dehradun Traffic Police. In this competition, students were asked to prepare 3 minutes’ documentary/ animated picture/ Recording or audio-visual. Following 5 teams participated in this event:

- Saurabh and Sanket (HSE students, M. Tech - I Year)
- Saikiran and Deepanshu (HSE students, M. Tech - I Year)
- Vibhav Adhikari & Utkarsh Agarwal (APE Gas –III Year; APE-UP-II Year)
- Mayank Ghai and Group (ME - IV Year)
- Piyush (APE-GAS - I Year)

NUKKAD NATAK – 28/29 AUG 2017

Team Vultus played nukkad natak on “Road Traffic Safety” on 28 Aug in Kandoli and on 29 Aug in Bidholi campus.



RUN FOR LIFE: 30 AUGUST



“Run for Life” was organized to spread awareness among the students and the residents of nearby villages including School Students in this area on “Road Traffic Safety” and against “Drug-Abuse”. Around 350 students and faculty members participated in the event. 64 students from Cambridge School also took part in run.

Student - Male	Student - Female	UPES Faculty - Male	UPES Faculty - Female
a. Ritesh - Gold b. Abhishek – Silver c. Rohit - Bronze	a. Palak - Gold b. Srishti – Silver c. Antima - Bronze	a. Mr. Amit Kumar - Gold b. Dr. Atul Razdan - Silver c. Mr. Vishwas Rathi - Bronze	a. Ms. Apoorva - Gold b. Ms. Nilima - Silver c. Dr. Monika Manglik - Bronze

Two other categories were:

- A) Open - For UPES Security / housekeeping / Food Court etc
- B) Cambridge School



ESSAY WRITING COMPETITION - 6 SEP 2017

55 students from HSE and Disaster Management participated in the competition. Students majorly covered in their write-up:

- Need for lawful enforcement of Traffic Safety Rules and Regulation.
- To make the process of issuing Driving License more stringent for better filtration.



- Increasing age limit from 18 to 21 years for Driving License.
- Education on Traffic Safety since childhood.
- Onus to be taken by each and every citizen.
- Winners were Yadu Menon (First), Abhimanyu Tonk (Second), Abbey Alexander (Third), Vivek P (Fourth) and Ghanashyam Danam (Fifth)

COMMUNICATION VIA SOCIAL MEDIA:

Emails on Road Safety measures sent on "everyone@stu.upes.ac.in - 36 UPESLives - 89 Posts; 1,81,032 Views

STUDENTS MEDICAL INSURANCE

- Try to be instrumental in ensuring before time settlement of insurance claims for all cases. Developed a good rapport with TPA and insurance company as well the hospitals which really helps the students in getting timely services.
- 90 days limit were kept to distribute the Medical Insurance cards among all the 12000 students - more than 90% cards were distributed in 45 days.
- Most of the class representatives were educated "how to use these medical cards"
- A series of 5 emails were sent to all the students to educate them on "Medical Cards - what are these"; how to use it; what cashless treatment is; how to avail reimbursement and fundamental terms and conditions related to the cards.
- Same series of emails were sent separately to the First Year Students using their individual emails to ensure reaching to them all; bulk emails sometimes rest into junk.

WORLD HERITAGE DAY [18 April 2017]

School of Engineering organized the first ever cultural event "Ethnic Mosaic – celebrating diversity" for our International students. The objective of this event was to introduce cultural diversity and create awareness on the rich culture spread across the globe. The event was a small step to create camaraderie amongst the students and promote cross cultural diversity in a Bonhomie environment.

The program witnessed 10 events from 22 participants (international students) from 9 different nationalities. Salah Saqr, a Libyan national threaded the entire show in a beautiful necklace with pearls across globe. Bagi Mary brought ACHOLI, a dance from Eastern Equatoria of South Sudan whereas Samy Hakimi and his team presented QARSAK, a dance from north of Afghanistan. Zaid Hamza Bello entertained one and all with his TASHE, a folk song from Nigeria and the entire audience moved with him as 'where words fail music speaks'.

The entire auditorium was resonating with rhythmic claps when Wakil Khan Aftab led the Afghan boys on stage to perform ATTAN, a dance form representing 5000 years old cultural history of Afghanistan. Our friends from Bhutan; Hem Bhadur Bhattari, Dechen Wangmo, Phuntsho Dorji and Ugyen Tshering provided insight on Bhutanese National Dress and three forms of Bhutanese Music. Mr. Jeremias took everyone to the trip to Angola through his music.

They were being cheered by their fellow compatriots supported by "Exchange students" from France. The event was followed by distribution of Mementos by Vice Chancellor, Dr. Shrihari and Director SoE, Dr. Suresh Kumar. At the end, Assistant Dean Planning, Dr. Pankaj Kumar delivered a vote of Thanks and the event culminated with a sumptuous supper for all.

HUMAN RESOURCES

UPES makes a continuous endeavor to strengthen the faculty by recruiting senior professionals and experts from diverse domain and subject related areas for its College of Engineering Studies; College of Management and Economic Studies and College of Legal Studies.

The faculty strength of College of Engineering Studies now stands at 375, College of Management and Economic Studies 81 and College of Legal Studies 38, thereby taking the total faculty strength from 500 in last year to 529. A brief profile of the faculty members is appended in this report.

Besides the faculty members, UPES is strongly supported by a team of talented and competent administrative and technical staff.

FACULTY DEVELOPMENT INITIATIVES

The University strives to build the capabilities of faculty members and staff to help them develop both professionally and personally for future success. Regular induction programmes were organized for newly recruited faculty and staff to help develop an understanding of the vision and mission of the University, its organizational structure and operational activities.

Other Faculty Development measures included:

- Giving an exposure to the faculty by providing them opportunities at the functional and domain level under the industry linked programme of 'Abhigya'.
- Constant encouragement to faculty to improve their qualifications by enrolling for Ph.D programme.
- Providing functional training exposure to staff by nominating them into different leadership linked trainings and workshops.
- Identifying the needs for training of faculty and staff by conducting several assessments linked sessions.
- Providing SEED money to faculty to encourage Research.

THE FACULTY-INDUSTRY ATTACHMENT PROGRAM

"Abhigya" which means "enlightened" is unique and novel initiative for faculty to gain insights and skills through Industry exposure to enrich classroom teaching. This year, 100 faculty members were nominated in following organizations, of which 100 have undergone the Industry attachment program

<ul style="list-style-type: none"> ✦ Zensar ✦ Xebia ✦ Sandia National Laboratories ✦ Perfeicent ✦ Pondchy Pharmaceuticals ✦ COMSOL Multiphysics ✦ Entuple Technologies Pvt. Ltd ✦ Aditya Birla Group ✦ Jindal Steel & Power Ltd. ✦ CSIR-National Aerospace Laboratories ✦ National Remote Sensing Centre ✦ Tata Power ✦ First Green Consulting Pvt. Ltd ✦ Advance Technology ✦ NSIT ✦ BPCL ✦ Shell ✦ IGL ✦ STRIBES - Bangalore 	<ul style="list-style-type: none"> ✦ Adani Power ✦ Dara Shaw ✦ Tech Mahindra ✦ UGVNL ✦ HPCL ✦ Kotak Mahindra ✦ Najibad Sugar factory ✦ Cochin International Airport Limited ✦ Shahi Export ✦ Hyderabad International Airport Limited ✦ Patanjali Food & Herbal park ✦ Neeraj Kumar Jain, Sr. Advocate, Supreme Court of India ✦ NTPC Ltd. ✦ Society of International Law ✦ Steel Authority of India Ltd. ✦ National Green Tribunal, Principal Bench ✦ Kotak Bank ✦ Bachpan Bachao Andolan ✦ TMT Law practice
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EMPLOYEE ENGAGEMENT SURVEY

UPES conducted a Pulse Survey in 2017 which is an Employee Engagement Survey to assess levels of Engagement & Commitment of our faculty and staff. The survey provided a detailed understanding of how employees experience UPES's working environment, how empowered and enabled they feel working at UPES and making an impact. The good news is that the overall scores have gone up over the last survey that can be attributed to:

- i. Lot of investments were made in capability development of our faculty and staff through Faculty Development Programs, nominating faculty to be part of conferences & important events in the industry, faculty internship Programs (100 in nos.) and conducting various soft skills training and team building programs.
- ii. Various Town Hall meetings, skip level meetings that were organized during the year to improve the communication along with emphasis was laid on documentation of departmental meetings, helped in creating a line of sight for the employees around vision of the University.
- iii. To improve Managerial Effectiveness, workshops were held on enhancing leadership skills and how to provide feedback, KRA settings, etc.
- iv. To improve recognition, various HR policies were implemented to recognize star level performers, like long service awards and merit awards under various categories.

A big employee engagement program was conducted where more than 300 + faculty and staff came together to ideate and commit to a great to good journey.

Appointment of a new VC along with change in the organization structure was initiated to reduce layers in the

University that will help bring in agility in decision making and also bring the leadership team closer to the main stakeholders – students and faculty.

FACULTY PRESENTATIONS IN NATIONAL/INTERNATIONAL SEMINARS/ CONFERENCES

COLLEGE OF ENGINEERING STUDIES

FACULTY PUBLICATIONS

Sr.	Author(s)	Title of Paper	Source Title
1	Abhishek Pandey.	Test Suite Optimization Using Chaotic Firefly Algorithm in Software Testing	International Journal of Applied Metaheuristic Computing (IJAMC),
2	Abhishek Pandey.	Suite Minimization in Regression Testing using Hybrid approach of ACO and GA	International Journal of Applied Metaheuristic Computing (IJAMC),
3	Dr. Ajay Prasad	Study on MU-MIMO feature in 802.11ac using MATLAB	International Journal of Engineering and Technology
4	Dr. Ajay Prasad	Highly Secure and Fast AES Algorithm Implementation on FPGA with 256 bit key Size	International Journal of Innovative Technology and Exploring Engineering (IJITEE), 2017
5	Dr. Ajay Prasad	Review of Scheduling Approaches used in WLANs	Journal of Advanced Research in Dynamical and Control System
6	Sapna Tyagi, Amit Agarwal, Vinay Avasthi and Piyush Maheshwari	Performance Analysis of 2D NoC Topologies using Booksim 2.0	International Journal of Multimedia and Ubiquitous Engineering

7	Arora A., Rakesh N., Mishra K.K	Scrutiny of VANET Protocols on the Basis of Communication Scenario and Implementation of WAVE 802.11p/1609.4 with NS3 Using SUMO	Advances in Intelligent Systems and Computin
8	Jagdish Chandra Patni, Mahendra Singh Aswal	Optimal Load Balancing Approach for Distributed Grid Computing Environment	International journal of communication network and distributed computing by Inderscience
9	Kumar K.,	Thaman J. Performance aware Planning Algorithms for Cloud Environments	International Journal of Distributed Systems and Technologies (IJDST), IGI Global
10	N. S. Ravindranath, Dr. Inder Singh, Dr. Ajay Prasad,	on MU-MIMO feature in 802.11ac using MATLAB	"International Journal of Engineering and Technology (IJET
11	N. S. Ravindranath, Dr. Inder Singh, Dr. Ajay Prasad,	, Review of Scheduling Approaches Used in WLANs	Journal of Advanced Research in Dynamical and Control Systems",
12	Raichaudhuri, Rittika, and Rashmi Sharma	On Analysis of Wheat Leaf Infection by Using Image Processing,	International Conference on Data Engineering and Communication Technology
13	Mr. Ravi Prakash	Big data – Social Data Analysis Improvisation of social data analysis to boost E-Commerce	Journal International Journal of Advanced Studies in Computer Science and Engineering (IJASCSE)
14	Mr. Ravi Prakash	Boosters implementation over SCADA architecture	Taylor & Francis Journal, CRC Press
15	Ishan Sharma, Rajeev Tiwari,	Analysis of Mahout Big Data Clustering Algorithms	in International Journal of "Advances in Intelligent Systems and Computing"
16	Ishan Sharma, Rajeev Tiwari	Optimization of Data Centers for Heat Management	International Journal of "Advances in Intelligent Systems and Computing
17	Prakash G L, Manish Prateek and Inder Singh	Data Verification using Block level Batch Auditing on Multi-Cloud Server , International	Journal of Engineering and Technology (IJET)
18	Hitesh Kumar Sharma	Enhancement using SQL Statement Tuning Approach, Database Systems	Database Systems Journal
19	Ankur Dumka, Hardwari Lal Mandoria	Enhancement to performance of MPLS network through hierarchical MPLS Network"	International Journal of Communication Network & Distributed Systems
20	Surender Kumar Manish Prateek Bharat Bhushan	Distance based (DBCP) Cluster Protocol for Heterogeneous Wireless Sensor Network	International Journal of Computer Applications
21	A. Dumka, R. Tomar, J. C. Patni, and A. A. Assistant	Taxonomy of E-Mail Security Protocol	Int. J. Innov. Res. Comput. Commun. Eng. (An ISO Certif.
22	Krunal M Gangawane	Computational analysis of mixed convection heat transfer characteristics in lid-driven cavity containing triangular block with constant heat flux	Int. Journal of heat and mass transfer. 105, (34-57)
23	Krunal M. Gangawane, B. Manikandan	Mixed convection characteristics in lid-driven cavity containing heated triangular block	Chinese Journal of Chemical Engineering
24	Krunal M Gangawane, B. Manikandan	Laminar natural convection characteristics in an enclosure with heated hexagonal block for non-Newtonian power law fluids	Chinese Journal of Chemical Engineering. 25(5) (555-571)

25	Rajesh Singh; Anita Gehlot; Vijay P. Singh; Vikas Garg; Suresh Kumar; Sushabhan Choudhury; Rupendra Pachauri	Role of automation in construction industries: a review	Journal of Engineering Technology; Volume-16; Issue 2; pp-799-831; ISSN: 0747-9964
26	Adesh Kumar. Piyush Kuchhal, Sonal Singhal	Five Stage Telecommunication Switching Design and Synthesis	Wireless Personal Communications; ISSN: 0929-6212
27	Krunal M Gangawane	Computational analysis of mixed convection heat transfer characteristics in lid-driven cavity containing triangular block with constant heat flux	Int. Journal of heat and mass transfer, 105, (34-57)
28	Krunal M. Gangawane, Manikandan, B	Mixed convection characteristics in lid-driven cavity containing heated triangular block	Chinese Journal of Chemical Engineering
29	Krunal M Gangawane, B. Manikandan	Laminar natural convection characteristics in an enclosure with heated hexagonal block for non-Newtonian power law fluids	Chinese Journal of Chemical Engineering, 25(5) (555-571)
30	Kumar, Manvendra; Pandey, Ratnesh K; Rajput, Parasmani; Khan, Saif A; Singh, Udai B; Avasthi, Devesh K; Pandey, Avinash C;	SHI induced surface re-organization of non-amorphisable nanodimensional fluoride thin films	Physical Chemistry Chemical Physics, Vol. 17, 23229-23238
31	Kumar, Manvendra; Pandey, Ratnesh K; Rajput, Parasmani; Khan, SA; Singh, Fouran; Avasthi, DK; Pandey, Avinash C;	Swift heavy ions induced nano-grain fragmentation in fluoride thin films	Journal of Alloys and Compounds, Vol. 695, 83-90
32	Amrita Hooda, M.S. Goyat, Rajeev Gupta, Manish Prateek, Megha Agrawal, Abhijit Biswas	Synthesis of nano-textured polystyrene/ZnO coatings with excellent transparency and superhydrophobicity	Materials Chemistry and Physics, Vol. 192, 447-452
33	P MANDAL, Ch NAGESWAR RAO	Period and Cavity Depth dependent plasmonic metamaterial perfect absorber at visible frequency	Journal of Nanophotonics, Vol 11, 36003
34	P MANDAL	Plasmonic Ladder-Like Structure for NIR Polarizer	Plasmonics, Vol 12, 333
35	Adesh kumar, Piyush Kuchhal, Sonal Singhal	Five Stage Telecommunication Switching Design and Synthesis	Wireless Pers Commun(DOI), 1- 17 Page
36	Piyush Dua, Geunsik Lee, and Kwang S. Kim	Ferromagnetism in Monatomic Chains: Spin-Dependent Bandwidth Narrowing/Broadening	J. Phys. Chem. C, American Chemical Society
37	S. Das, S. Halder, J. Wang, M.S. Goyat, A. A. Kumar, Y Fang	High performance epoxy nanocomposites based on surface functionalized recycled carbon fibers	Composites Part A: Applied Science & Manufacturing
38	Amrita Hooda, M.S. Goyat, Rajeev Gupta, Manish Prateek, Megha Agrawal, Abhijit Biswas	Synthesis of nano-textured polystyrene/ZnO coatings with excellent transparency and superhydrophobicity	Materials Chemistry and Physics, Vol. 193, 447-452
39	S. Jangra, S. Dhan, M.S. Goyat, V. Chhokar,	Influence of functionalized mesoporous silica in controlling azathioprine drug	Materials Research Innovations, 1--13

	S. Singh, A. Manuja	release and cytotoxicity properties	
40	M.S. Goyat, S. Rana, Sudipta Halder, P.K. Ghosh	Facile Fabrication of Epoxy-TiO ₂ Nanocomposites: A Critical Analysis of TiO ₂ Impact on Mechanical Properties and Toughening Mechanisms	Ultrasonics Sonochemistry, Vol. 40, 861-873
41	S. Halder, T. Prasad, N.I. Khan, M.S. Goyat, S.R. Chauhan	Superior Mechanical Properties of Poly Vinyl Alcohol-Assisted ZnO Nanoparticle Reinforced Epoxy Composites	Materials Chemistry and Physics, Vol. 192, 198-209
42	UC Sharma, G Anand, S Krishna, P Kuchhal	Rheology of Karanja (Pongamia) Oil Based Biolubricant	Biofuels and Bioenergy (BICE2016), vol. 1, 203-208
43	Rudra N. Sahoo, Pawan Kumar, Abhishek Yadav, Vijay R. Sharma, Mohd. Shuaib, Manoj K. Sharma, Devendra P. Singh, Unnati Gupta, R. Kumar, S. Aydin, B. P. Singh, H. J. Wollersheim, and R. Prasad	Fission-like events in the $^{12}\text{C} + ^{169}\text{Tm}$ system at low excitation energies	Physical Review C, Vol. 96, 14620
44	Rohini Kitture, Dnyandeo Pawar, Ch.N. Rao, Ravi Kant Choubey	Nanocomposite modified optical fiber: A room temperature, selective H ₂ S gas sensor: Studies using ZnO-PMMA	Journal of Alloys and Compounds, Vol. 695, 2091-2096
45	P Mandal and CN Rao	Period-and cavity-depth-dependent plasmonic metamaterial perfect absorber at visible frequency: design rule	Journal of Nanophotonics , Vol 11, 36003
46	Anurag Singh Yadav, Rupendra Kumar Pachauri, Yogesh K. Chauhan, S. Choudhury, Rajesh Singh	Performance enhancement of partially shaded PV array using novel shade dispersion effect on magic-square puzzle	Solar Energy; Volume- 144; Pages 780-797
47	Lipi Chhaya , Paawan Sharma , Govind Bhagwatikar and Adesh Kumar	Wireless Sensor Network Based Smart Grid Communications: Cyber Attacks, Intrusion Detection System and Topology Control	MDPI Electronics 2017, Vol. 6(1), 2017 doi:10.3390/electronics6010005
48	B.Khaleelu Rehman, Adesh kumar, Paawan Sharma	Comparative study of high performance QRS complex detection on Electrocardiogram signal	International Journal of control theory and applications(IJCTA). Volume: No.10 (2017) Issue No. : 7 (2017).Pages 111-120
49	Dr. Sudhir Kumar Chaturvedi, Dr. Pankaj Kumar Srivastava, Dr. Ugur Guven	A Brief Review on Tsunami Early Warning Detection Using BPR Approach and Post Analysis by SAR Satellite Dataset	Indian Journal of Science and Technology
50	Dr. Rajesh Yadav, Mr. Mohammad Faisal , Mr. Dheeraj Minglani	Aerothermodynamics of a Blunt Airfoil with a Flow Through Duct for Hypersonic Flight	Fluid Mechanics and Fluid Power – Contemporary Research @ Springer
51	Mr. M.F. Khan, Dr. Rajesh Yadav, Mr. Z.A. Quadri	Numerical Study of the Cavity Geometry on Supersonic Combustion with Transverse Fuel Injection	Fluid Mechanics and Fluid Power – Contemporary Research @ Springer
52	Dr. Sudhir Joshi, Dr. Rajesh Yadav, Dr. Ugur Guven	Numerical Analysis Over a Flat and Flat- Triangular Aero Disk Spiked Blunt Body at Mach Number 6.2	IJAER @ Research India Publications
53	Amneesh Singla, Yashvir	Tribological characterization of Pongamia	Biofuels

	Singh, Anshul Kumar Singh	pinnata oil blended bio lubricant	
54	Amneesh Singla, Yashvir Singh, Anshul Kumar Singh	Tribological characteristics of Mongongo oil based biodiesel blended lubricant	Energy Sources Part A Recovery, Utilization and Environmental Effects
55	Amneesh Singla, Yashvir Singh, Anshul Kumar Singh, Avani upadhyay	Sustainability of Moronga oil based biodiesel blended lubricant	Energy Sources Part A Recovery, Utilization and Environmental Effects
56	Vishal Gupta and Pulak M. Pandey	In-situ tool wear monitoring and its effects on the performance of porcine cortical bone drilling: a comparative in-vitro investigation.	Mechanics of Advanced Materials and Modern Processes
57	G.G. sastry, R Garg	Analysis of single flow line multi stage, multi-Product Pull Control Systems	Journal of Scientific and industrial research
58	Dr. V. Chitala, Dr. Suresh Kumar, Dr. Jitenra K. Pandey	Assesment of performance combustion and emission characteristics of direct injection diesel engine with solar driven jatropa biomass pyrolysed oil	Energy Conversion and management
59	K Khan, Gitesh Kumar, Amit K Sharma, P. Suresh Kumar, Chandan Mandal & V. Chintala	Performance and Emission characteristics of a diesel engine using complementary blending of castor and karanja biodiesel	Biofuels
60	V. Chintala, K.A. Subramanian	Experimental investigation of autoignition of hydrogen-air charge in a compression ignition engine under dual-fuel mode	Energy
61	D. Fuloria, Nikhil Kumar, R. Jayaganthan, S.K. Jha, D. Srivastava	Microstructural and textural characterization of Zircaloy-4 processed by rolling at different temperature	Material Characterization
62	S.S. Lokesh Vendra, S. goel, Nikhil Kumar, R Jayaganthan	A study on fracture toughness and strain rate sensitivity of severely deformed Al 6063 alloys processed by multiaxial forging and rolling at cryogenic temperature	Material science & Engineering A
63	Nikhil kumar, R. Jayaganthan, H G Brokmeier	effect of deformation temperature on precipitation, microstructural evolution, mechanical and corrosion behavior of Al 6082 Al Allys	Transaction of Nonferrous metals society of china
64	D. Fuloria, Nikhil Kumar, R. Jayaganthan, S.K. Jha, D. Srivastava	An investigation of effect of annealing at different temperature on microstructural and bulk texture development in deformed Zircaloy-4	Materials Characterization
65	Nikhil Kumar, Sunkulp Goel, R Jayaganthan, HG Brokmeier	Effect of grain boundary misorientation, deformation temperature and AlFeMnSi-Phase on fatigue life of 6082 Al alloy	Material Characterization
66	Debajyoti Bose, Amarnath Bose	Graphene-based Microbial Fuel Cell Studies with Starch in sub-Himalayan Soils	Indonesian Journal of Electrical Engineering and Informatics
67	Deepak Kumar	Techniques to upgrade Indian solar power sector by analysing the top ranking solar power countries	International Journal of Engineering Research
68	Mainak Mukherjee, Debajyoti Bose, Haroon Salam T A	Experimentation in procuring and characterizing Biofuel Obtained from Micro Algae from Sewage Treatment Plant and Municipal Waste	International Journal of ChemTech Research

69	Debajyoti Bose, Meenal Arora, Amarnath Bose	Renewable Electrolysis using Graphene electrodes for Solar water splitting	International Journal of ChemTech Research
70	Debajyoti Bose, Leena Kapoor, Aditya Mekala	Biomass pyrolysis in a twin-screw reactor to produce green fuels	Taylor & Francis, Biofuels
71	Debajyoti Bose, Amarnath Bose	Electrical Power Generation with Himalayan Mud Soil using Microbial Fuel Cell	Nature, Environment and Pollution Technology
72	Prem Kumar Ch	and Power Efficient Scheduling for Cloud Data Centers: Green Approach	Taylor & Francis Group, London
73	Prem Kumar Ch	Boosters Implementation over SCADA Architecture	Taylor & Francis Group, London
74	Anuj Kumar, Sangeeta Pant, S. B. Singh	Availability and cost analysis of an engineering system involving subsystems in series configuration	International Journal of Quality and Reliability Management. 0265-671X
75	Anuj Kumar, Sangeeta Pant, Mangey Ram	Flower pollination algorithm development: a state of art review	International Journal of system Assurance Engineering and Mangement. 0975-6809
76	Manoj Kumar Singh, P. Venkatachalam, Ritesh Gautam	Geostatistical Methods for Filling Gaps in Level-3 Monthly-Mean Aerosol Optical Depth Data from Multi-Angle Imaging SpectroRadiometer	Aerosol and Air Quality Research
77	Manoj Kumar Singh, Ritesh Gautam, P. Venkatachalam	Bayesian Merging of MISR and MODIS Aerosol Optical Depth Products Using Error Distributions From AERONET	IEEE JSTARS
78	Mrinal Jana, Geetanjali Panda	Compromising Solution of Geometric programming problem with bounded parameters	Journal of the Operations Research Society of China
79	Mrinal Jana, Geetanjali Panda	x-optimal Solution of Single objective nonlinear optimization problem with uncertain parameters	OPSEARCH. 0975-0320
80	Mrinal Jana, Geetanjali Panda, Neelesh Agrawal	An efficient portfolio with several objectives and varying parameters	International Journal of Mathematical, Engineering and Management Science. 2455-7749
81	Pradeep Malik, Saiful R. Mondal	Some composition formulas of Jacobi type orthogonal polynomials	Commun. Korean Math. Soc. 1225-1763
82	Saiful R. Mondal, Pradeep Malik, J. Choi	Certain generalized fractional derivative formulas of hypergeometric functions	Far East Journal of Mathematical Sciences (FJMS). 0972-0871
83	Reshu Agarwal, Deepak Agarwal	Heat Transfer in in the flow of Non-newtonian second order fluid over an enclose torsionally oscillating discs in the presence of magnetic field	International Journal of Modern Engineering Research. 2249-6645

FACULTY PRESENTATIONS IN NATIONAL/INTERNATIONAL SEMINARS/ CONFERENCES

Sr.	NAME	TOPIC	EVENT/VENUE
1	S. Christalin Nelson	Tuning Location and Energy based Hierarchical Dynamic Key Management Protocol for Wireless Sensor Networks",	International Conference on Next Generation Computation Technology (NGCT) 2017

2	Sandip K Chaurasiya, Anurag Singh Tomar, Amitava Chaoudhury, Arindam Biswas	Improvised Coverage Preserving and Lifetime Enhancing Protocol for WSN	Proceedings of 1st International Conference on Emerging Trends in Computing, Communication, and Control-2017, NSHM-Durapu
3	Ved Prakash Bhardwaj, Piyush Chauhan, Ankit Khare, Alok Jhaldiyal and Nitin	Comparison of Fault Tolerance amid Various Irregular MINs,	Proceedings of 5th ICACNI 2017, to be published by Advances in Intelligent Systems and Computing Series
4	Amitabh Yadav, Vivek Kaundal, Abhishek Sharma, Paawan Sharma, Deepak Kumar, Pankaj Badoni (2017)	Sensor Network Based Patient Health Monitoring and Tracking System. In: Singh R., Choudhury S. (eds)	Proceeding of International Conference on Intelligent Communication, Control and Devices. Advances in Intelligent Systems and Computing, vol 479. Springer, Singapore.
5	Gunjan Chhabra ; Sunil Kumar ; Pankaj Badoni	gadget charger using coin detection', International Conference on Next Generation Computing Technologies	NGT
6	Sandip Chaurasiya, Anurag Tomar, Amitava Choudhury, Arindam Biswas	Improvised coverage preserving and Lifetime enhancing protocol for WSN	International Conference on Emerging Trends in Computing, Communication and Control
11	Saptarshi Roy Choudhury, Anwesa Das, Alok Negi, Amitava Choudhury,	Security & Challenges in Cloud Computing",	International Conference on Emerging Trends in Computing, Communication and Control (ICETC3-2017),
8	Anurag Singh Tomar	coverage preserving and lifetime enhancing protocol for WSN , International conference on emerging trends and computing, communication, and control	WSN International Conference
9	Sudepto Bhattacharya, Ajay Prasad, Saurabh Shanu, Apurva Gupta	Self organized Bacterial evolutionary dynamics:fractal characteristics 2017	ICICCD International Springer
10	Piyush Mishra, Vivek Patel, Parul Mittal, Jagdish Chandra Patni	Algorithm Analysis Tool Based on Execution Time Input Instance-based Runtime Performance Benchmarking" presented in	ICRDSTHM
11	K. N. Dheeraj, Chaitanya Subhedar, Jayakrishnan Ashok, Parth Gupta, Jagdish Chandra Patni	Comparative Analysis of Noise Removal Algorithms	ICRDSTHM
12	Amit Kumar, Vijay Katiyar and Kamal Kumar	A Purely Localized Random Key Sequencing Using Accelerated Hashing in Wireless Ad-Hoc Networks	5th International Conference on Frontiers in Intelligent Computing: Theory and Applications

13	Amit Kumar, Vijay Katiyar and Kamal Kumar	A Localization Based Resilience Enhancement in Ad Hoc and Wireless Sensor Networks	International Conference on Smart Trends for Information Technology and Computer Communications
14	Ved Prakash Bhardwaj, Piyush Chauhan, Ankit Khare, Alok Jhaldiyal and Nitin	Comparison of Fault Tolerance amid Various Irregular MINs	5th ICACNI
15	Abhishek Pandey	Applications of metaheuristic search algorithms in software testing: An investigation into recent trends,	6th International Conference on Advances in computer sciences, software solutions, E-learning, information & communication Technology
16	Abhishek Pandey	Study on MU-MIMO feature in 802.11ac using MATLAB	
17	Dr Ajay Prasad	Evaluation of the Contribution of Transmit Beam Forming to the Performance of IEEE802.11ac WLANs	International Conference On Smart Systems, Innovations And Computing, (SSIC-2017)
18	Dr Ajay Prasad	Threshold Modeling for Cellular Logic Array Processing based Edge Detection Algorithm	3rd International Conference on Computing Communication and Automation (ICCCA-2017)
19	Dr Ajay Prasad	Self-Organized Bacterial Evolutionary Dynamics: Fractal Characteristics	Intelligent Communication, Control, Devices (ICICCD-2017)
20	Dr Ajay Prasad	Study of Performance of Transmit Beamforming and MU-MIMO Mechanisms in IEEE 802.11ac WLANs	Accepted for The International Conference on Inventive Communication and Computational Technologies (ICICCT 2017)
21	Piyush Mishra, Vivek Patel, Parul Mittal, Jagdish Chandra Patni	Algorithm Analysis Tool Based on Execution Time Input Instance-based Runtime Performance Benchmarking	ICRDSTHM
22	K. N. Dheeraj, Chaitanya Subhedar, Jayakrishnan Ashok, Parth Gupta, Jagdish Chandra Patni	Comparative Analysis of Noise Removal Algorithms	ICRDSTHM
23] Kumar K., Thaman J	Comparative Analysis of Workflow Scheduling Policies in Cloud Platforms	ICICCD 2017
24	Ravi Prakash, Ch. Premkumar	Big data – Social Data Analysis Improvisation of social data analysis to boost E-Commerce	ICCS 2017
25	Mr. Ravi Prakash	Cryptography Implementation over Trapdoor Function	International Conference NCCS 2017
26	Saurabh Shanu	Self-Organized Bacterial Evolutionary Dynamics: Fractal Characteristics”	Intelligent Communication, Control And Devices
27	Saurabh Shanu	Computational Aspects Of Wildlife Corridor Conservation In India	The Monthly E-Newsletter of Exploring Nature
28	Saurabh Shanu	A New View Of Urban Birds Conservation In The Smart Cities	Samvaad

29	Ahuja, N.J., Amit K, Singh N.,	Implementation and Experimental Analysis of VARK Learning Style Model	ICICCD-2017
30	Kumar., R., Ahuja, N.J., Saxena M	Improvement and approval of impediment recognition and activity for Power Window	ICICCD-2017
31	Manan Jindal, Komal Munjal, Anurag Jain, Hitesh Kumar Sharma	An effective model of effort estimation for Cleanroom software development approach	ICRDSTHM-17
32	Sahil Taneja, Mani Karthik, Mohit Shukla, Hitesh Kumar Sharma	AirBits: A Web Application Development using Microsoft Azure,	ICRDSTHM-17
33	N. S. Ravindranath, Dr. Inder Singh, Dr. Ajay Prasad	Study of Performance of Transmit Beamforming and MU-MIMO Mechanisms in IEEE 802.11ac WLANs,	IEEE Xplore at International Conference on Inventive Communication and Computational Technologies (ICICCT 2017)
34	N. S. Ravindranath, Dr. Inder Singh, Dr. Ajay Prasad	Evaluation of the Effect of Rate Adaptation Techniques on IEEE 802-11ac and 802-11n	First International Conference on Smart Technologies in Computer and Communication
35	N. S. Ravindranath, Dr. Inder Singh, Dr. Ajay Prasad,	Sambasiva Rao, Review of Scheduling Approaches used in WLANs, "International Conference On Contemporary Engineering And Technology (ICCET 2017)	Organization of Science Innovative Engineering & Technology (OSIET)
36	Prakash G L, Manish Prateek and Inder Singh,	Secure Public Auditing using Batch Processing for Cloud Data Storage,	1st International Conference on Smart System, Innovation and Computing
37	N. S. Ravindranath, Dr. Inder Singh, Dr. Ajay Prasad, Sambasiva Rao,	Evaluation of the Contribution of Transmit Beam Forming to the Performance of IEEE 802.11ac WLANs	1st International Conference on Smart System, Innovation and Computing"
38	Prakash G L, Manish Prateek and Inder Singh	Secure Public Auditing using Batch Processing for Cloud Data Storage	1st International Conference On Smart Systems, Innovations And Computing (SSIC)
39	Prakash GL, Nishant Chauhan, Anmol Bhardwaj,	Performance Analysis of Various Encryption Algorithms in Multi-Cloud Architecture 2017,	International Conference on Advancements in Science & Technology, Conference
40	Sanjana Monocha, Vrinda Sharma, Dr. Ankur Dumka,	"RFID device based home security system to detect intruder trespassing"	International conference on Intelligent communication, control and devices(ICICCD-2017),
41	Pranav Arora, Dr. Ankur Dumka, "	Review of Sockets for Transfer of Files between Systems	International conference on Intelligent communication, control and devices(ICICCD-2017),
42	Shailja Pant, Ankur Dumka	" Performance Analysis of RIP, EIGRP, OSPF and ISIS Routing Protocols	2nd international conference on sustainable computing techniques in Engineering science and management, 2017
43	R. Tomar, A. Khanna, A. Bansal, and V. Fore	An Architectural View Towards Autonomic Cloud Computing	Data Engineering and Intelligent Computing: Proceedings of IC3T 2016

44	Ambika Aggarwal, Priti Dimri, Amit Agarwal.	Survey on Scheduling Algorithms for Multiple Workflows in Cloud Computing Environment."	International Conference on Systemics, Cybernetics and Informatics
45	M. Lakhera, MMS Rauthan and Amit Agarwal	Biometric Template Security Schemes: Review	Proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017),
46	Panwar, Ajeet Pal Singh, Meenakshi Bisht, Archana Kero and Amit Agarwal	A Survey on Hierarchical Data Storage Using NAI Indexing Methods	Proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017)
47	Akshay Arora, Abhirup Khanna, Anmol Rastogi and Amit Agarwal,	Cloud Security Ecosystem for Data Security and Privacy	Proceedings of 7th International Conference on Cloud Computing, Data Science & Engineering
48	Kero, Archana, Meenakshi Bisht, Devendra Kumar and Amit Agarwal	A Review on Hybrid Application Partitioning Algorithms in Mobile Cloud Computing	Proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017)
49	Verma, Alka, Amit Agarwal and J. C. Patni	Security and Privacy Concerns in IoT	of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017),
50	Panwar, Natrendra, MMS Rauthan and Amit Agarwal	Remote User Authentication Scheme (Security Analysis, Comparison and Further Improvement of Smart Card based Scheme",	Proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017)
51	Rathore, Neeraj, Amit Agarwal and Parag Jain	Cloud Computing Security Issues and Challenges: A Review	Proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017)
52	Aggarwal, Ambika, Priti Dimri and Amit Agarwal	Survey on Scheduling Algorithms for Multiple Workflows in Cloud Computing Environment	Proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017)
53	Tyagi, Sapna, Priti Sirohi, Piyush Maheshwari and Amit Agarwal	Internet of Things: The Emerging Prospective for Healthcare", Proceedings of International Conference on Systemics, Cybernetics and Informatics (ICSCI-2017)	Proceedings of International Conference on Systemics, Cybernetics and Informatics
54	Abhirup, Khanna, Kero, Archana, Devendra Kumar and Amit Agarwal	Adaptive Mobile Computation Offloading for Data Stream Applications	ICACCA2017
55	Kalra, Siddharth, Sarika Jain, and Amit Agarwal	Infrared Powered Vibro-Haptic Piano Training System for the Visually Impaired	IWBDA 2017
56	Meenakshi Bist, Parag Jain and Amit Agarwal,	Diversified Multi-Objective Workflow Heuristic and Meta-heuristic Scheduling Algorithms for Cloud Environment	National Conference on Emerging Trends in Advanced Computing Techniques,
57	Abhilasha S. Rathore, Amit Agarwal and Priti Dimri	Opinion Mining: Insight	National Conference on Emerging Trends in Advanced Computing Techniques

58	Preeti Sirohi, Amit Agarwal and Piyush Maheshwari	Service Selection in Cloud Based on Multi-Objective and Multi-Criteria Selection	National Conference on Emerging Trends in Advanced Computing Techniques
59	Neeraj Rathore, Alka Verma and Amit Agarwal	Smart Security and Smart Privacy: Backbones of Smart Cities,	National Conference on Emerging Trends in Advanced Computing Techniques
60	Saxena, Ritika, et al. Rajesh Singh, Sushabhan Choudhury	Biosignal Acquisition of Stress Monitoring Through Wearable Device	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
61	Kumar, Praveen, Rajesh Singh et al.	"A Novel Design of Inexpensive, Heavy Payload and High Mobility ORQ Robot."	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
62	Agarwal, Aditya, Rajesh Singh et al.	"A Design and Application of Forest Fire Detection and Surveillance System Based on GSM and RF Modules	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
63	Shukla, Abhinav, Rajesh Singh, and Anita Gehlot	In-campus Generator-Substation Monitoring and Control Using LabVIEW."	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
64	Choudhry, Varchas, Rajesh Singh, and Anita Gehlot.	"RSSI-Based Indoor Robot Localization System Using LabVIEW."	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
65	Kumar, Adesh, Anita, Singh Rajesh et al.	"Microcontroller and FPGA-Based Analysis of 8× 48 LED Matrix Display with Keyboard Interface	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
66	Gupta, Tanisha, Singh Rajesh, Anita et al.	"Design and Development of Low-Cost Wireless Parameter Monitoring System for Nuclear Power Plant."	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
67	Khurana, Manpreet Kaur, Singh Rajesh et al.	"Design and Implementation of Wearable Device for Water Management System for Household Usage."	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
68	Raj, Nikhil, Rajesh Singh, Anita et al.	An Optimized Approach: Air Energy Trap System in Railways for Power Generation."	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
69	Gehlot, Anita, Piyush Kuchhal, Adesh Kumar, Rajesh Singh	"Development and Analysis of FSR and RFID Based Authentication System.	Proceeding of International Conference on Intelligent Communication, Control and Devices. Springer Singapore, 2017.
70	Habiba Irshad, R.Gowri	Design of low noise amplifier for RF front end Receivers at 5 GHz	IEEE Sponsored International Conference on "Signal Processing & Integrated Networks(SPIN),2-3 Feb,2017
71	Apurva Garg, Akansha Sharma, R.Gowri	Design of Beam Steered Weighted antenna array with side lobe cancellation	IEEE Sponsored International Conference on "Signal Processing & Intelligent Networks(SPIN)- 2-3 Feb,2017
72	B.KHALEELU REHMAN, Adesh kumar, Paawan sharma	A FPGA BASED HIGH PERFORMANCE HEART BEAT MONITORING SYSTEM	2nd International Conference on Sustainable computing Techniques in Engineering, Science and Management
73	P.S Venkateswaran, Dr.Vindhya Devalla, Mr. Vivek Kaundal	Air Mouse: An Everyday Mouse for the Ease of Computing	Int'l Conf on Intelligent Communication, Control & Devices, Advances in Intelligent Systems & Computing

74	Mr. Yogesh Kumar, Dr. Om Prakash, Dr.Vindhya Devalla	Validation of Canopy and Payload Relative Motion Estimation for Parafoil Aerial Vehicle using Computer Vision	AIAA Atmospheric Flight Mechanics Conference, Aviation 2017. Denver, Colorado, USA
75	Mr.M. Faisal Khan,Mr. Avdullah Y. Usmani,Dr. Rajesh Yadav	Multiphase Flow Modeling of Molten Steel and Slag Flow for Different Tundish Configurations	International Conference on Advances in Materials & Manufacturing Application
76	Geetanjali Raghav*1, Mohit Nagpal2, Bipin Kumar3	Energy and Exergy Analysis of Multiple V-Ribs Solar Air Heater	International conference on Nano for Energy and Water (NEW)-2017 and Indo-French workshop on water networking, February 22-24 ,2017
77	Geetanjali Raghav*1, Mohit Nagpal2, Bipin Kumar3	wear properties of A356/Al2O3 metal matrix composite produced by in situ squeeze casting method	International conference on Nano for Energy and Water (NEW)-2017 and Indo-French workshop on water networking, February 22-24 ,2017
78	Dr. Deepak Kumar, Aviral Rawat, Navneet Phadke,	Wireless control system for enhancing passenger safety in the event of driver hostility for commercial vehicle	2nd International Conference on intelligent communication, control and devices, 15-16 April, 2017
79	Anil Sirswal, Sonal Modi	Effect of extra low frequency on Cardio Vascular System (Paper / Poster Presented)	NEW 2017
80	Aayush Shrivastava, Devender Saini, Balaji Venkateswaran V and Raj Gaurav Mishra	Comparative study on Nano magnetic material used in Transformers for obtaining higher efficiency	New 2017
81	Raj Gaurav Mishra*	A Review of Nanosensors in Smart Grids	NEW 2017
82	, Aayush Shrivastava, Deepak Kumar, Ranjan Mishra	A Filtering Scheme to Mitigate the Harmonic Issues in Solar PV Integrated Nonlinear Distribution System	NEW 2017
83	Deepak kumar	A Filtering Scheme to Mitigate the Harmonic Issues in Solar PV Integrated Nonlinear Distribution System	NEW 2017
84	Isaac Ramalla	Electrodeposition of hydroxyapatite coating for sustainable application of magnesium alloy	NEW 2017
85	Isaac Ramalla, G Praveen Kumar	Electrodeposition of hydroxyapatite coating for sustainable application of magnesium alloy	NEW 2017
86	Praveen Ghodke, S Vamsi Krishna	Corrosion Behavior of Electro less Nano Coated Mg-Al Alloys for Electrical Applications	NEW 2017
87	Meenal Arora*	Upgradation of fast pyrolysis oil derived from wood through Esterification	NEW 2017
88	, Madhu Sharma, Praveen Kumar Ghodke	Nano based synthesis of PV panels for minimizing E-waste	NEW 2017

89	Deepak kumar	Auto-sensing moisture control for a Photo-voltaic based Irrigation System	Springer International conference on Intelligent Communication, Control and Devices- ICICCD 2017
90	Jaideep Saraswat, Nikhil Mall, VArima Agarwal, Sayali Rajale, Mainak Mukherjee	A Sustainable Approach to Home Automation system in Perspective of Ensuring Energy Efficiency and Security	Springer International conference on Intelligent Communication, Control and Devices- ICICCD 2017
91	Arunabha Sarkar and Praveen kumar Ghodke	Utilization of waste biomass to useful form of energy	Springer Proceedings in Energy
92	Monika Yadav ,Dr. Devender Kumar Saini	Review of Grid Code Compliances	Ministry of power and Ministry of New RE
93	Dr. Devender Kumar Saini, Monika Yadav	Islanding detection and protection with neutral point grounding using two layer soil model	Ministry of power and Ministry of New RE
94	Debajyoti Bose, L Kappor, A Mekala	: Design of Auger Reactor and its Operation for Biomass Pyrolysis	IIT Kharagpur, Energy Conference, IEEE Xplore

COLLEGE OF MANAGEMENT & ECONOMIC STUDIES

FACULTY PUBLICATIONS

Sr.	AUTHORS	TITLE	SOURCE TITLE
1	Prof. Atul Rawat	Energy Security of India Through CIS Hydrocarbon Resources	Journal of Offshore Structure and Technology
2	Prof. Atul Rawat	Increasing importance of LNG in Global Gas Trade	Journal of Offshore Structure and Technology
3	Prof.Sonal Gupta	Financial Contagion Inevitable: Courtesy- Brexit	IJDER
4	Dr. Shailendra Kumar Pokhriyal	An IoT business model for Indian Public Sector Retail Oil Outlets	IMRDC
5	Navdeep Bhatnagar	Financial Contagion Inevitable: Courtesy- Brexit	IJEDR
6	Mohammed Yaqoot, Parag Diwan, Tara C. Kandpal	Financial attractiveness of decentralized renewable energy systems – A case of the central Himalayan state of Uttarakhand in India	Renewable Energy, Volume 101
7	Dr. Anil Kumar, Mr. Atul Agarwal, Dr. Joji Rao	FUTURE OF INDIAN POWER SECTOR REFORMS: ELECTRICITY AMENDMENT BILL 2014	Energy Policy, Elsevier
8	Tapas Roy, Dr. Anil Kumar	Amendment to LARR 2013 and the Aspirations of Rural Youth of India	EPW
9	Dr. Ashis Tripathi, Dr. Joji Rao	A review on implementation strategies for demand side management (DSM) in Kuwait through incentive-based demand response programs	Renewable and Sustainable Energy Reviews Vol:77, 2017
10	Dr. Anil Kumar	Critical Success Factors in Implementation of Urban Metro System on PPP: A Case Study of Hyderabad Metro	Global Journal of Flexible Systems Management, DOI:10.1007/s40171-017-0164-6

11	Dr.Karunakar Jha	The rise and fall of the Ultra-light	Article in Business Standard
12	Dr.Karunakar Jha	How not to usher in a cashless economy	Article in Business Standard
13	Dr. A.K Jain	Indian Petro-Retail Market Structure: Comparison with Overseas Petro-Retail Market Structure	Published by IJRESS in June 2017
14	Dr. Imran Khan	Brand experience and emotional attachment in services: The moderating role of gender	Service Science, SSCI (Thomson Reuter's Impact factor- 1.158)
15	Dr. Imran Khan	Antecedents and outcomes of brand experience: an empirical study	Journal of Brand Management (Scopus, A Category in ABDC List)
16	Dr. Imran Khan	CSR and Consumer Behavioral responses: The role of customer- company identification.	Asia Pacific Journal of Marketing and Logistics (Scopus, SSCI, B category in ABDC List)
17	Dr. Imran Khan	Brand experience and Customer Engagement in E- tailing: Moderating Effect of Gender	PAN IIM WMC 2017
18	Dr. Devkant Kalra	Consumers' Attitude and Purchase Intention towards Counterfeit Products: Empirical Evidence from Uttarakhand State.	Amity Business Review, 18 (1), 80-91.
19	Dr. Neeraj Anand	International Journal of Research in Management & Social Science	Copernicus
20	Dr. Neeraj Anand	Factors that impact Quality during the Transportation of Tomatoes: Evidence from India	IGI Global
21	Dr. Neeraj Anand	Post-Harvest Losses and Wastage in Indian Fresh Agro Supply Chain Industry: A Challenge	The IUP Journal of Supply Chain Management
22	Dr. Neeraj Anand	Green Supply Chain Management Model for Sustainable Manufacturing Practices.	IGI Global
23	Dr. Neeraj Anand	A journey through development of Inland Waterways in India”	Archives of Business Research Society for Science and Education
24	Dr. Neeraj Anand	Understanding the reforms in Land Acquisition bill 2015 and focusing on the major issues and consequences governing land acquisition in India	Indian journal of transport management
25	Dr. Neeraj Anand	Creating “Value for Money” for Retail Customers in Marketing of Liquid Fuels In India	Doctoral Colloquium 2017
26	Dr. Neeraj Anand	A case for alternate solutions to Inland Waterways Development and Maintenance in India	Doctoral Colloquium 2017
27	Dr. Biranchi Prasad Panda	Design Thinking – A Disruptive Strategy for Business Operations	GDGoenka University & Bloomsbury
28	Prof. Aman Dua	Assessment of Quality of Multimodal Transportation for Containerized Exports In India: with Optimization Applications	COSMAR, IISC Bangalore
29	Prof. Aman Dua	Identification of Factors affecting Quality of Multimodal Transportation	Int'l Journal of Business Excellence, (In press) accepted for publication. (ABDC listed)
30	Dr. T. Bangar Raju	Assessment of sustainable initiatives in Indian ports using AHP framework.	Int'l Journal of Business Excellence (Inderscience & Scopus Indexed)

31	Dr. T. Bangar Raju	Understanding Volatility and Leverage effects in Bunker Markets.	International Journal of Global Energy Issues (Scopus Indexed and ABDC listed).
32	Dr. T. Bangar Raju	A systematic review of literature on Benchmarking with an aim to probe scope of the applicability at Major Seaports of India	SCMS Journal of Indian Management. (UGC approved, Proquest, J-Gate, EBSCO, ULRICHWEB indexed).
33	Dr. Chandra Prakash Garg	Evaluating sustainable supply chain indicators using Fuzzy AHP: Case of Indian automotive industry.	Benchmarking: An International Journal, 24 (6), 1742-1766. [B, ABDC list]
34	Dr. Chandra Prakash Garg	Modelling the critical success factors of women entrepreneurship using Fuzzy AHP framework	Benchmarking: An International Journal, 24 (6), 1742-1766. [B, ABDC list]
35	Dr. Chandra Prakash Garg	Assessment of sustainable initiatives in Indian ports using AHP Framework.	International Journal of Business Excellence [In press].
36	Dr. Chandra Prakash Garg	An integrated framework for sustainable supplier selection and evaluation in supply chains.	Journal of Cleaner Production
37	Deepankar Chakrabarti	Operational efficiency in manufacturing process using design of experiments	Int. J. Process Management and Benchmarking
38	Prayas Sharma	Efficient Estimators of Finite Population Mean using Predictive Estimation in Simple Random Sampling	Journal of Statistics
39	Binod Kumar Singh	An Outlook and Framework for Wind Energy in India	Oil, Gas and Energy Quarterly
40	Binod Kumar Singh	The Coal Industry in India: Issues, Challenges and Prospects	Oil, Gas and Energy Quarterly

BOOKS PUBLISHED

AUTHORS	TOPIC	PUBLISHER & ISBN No.
Prof. M. K. Das	World Class Ship Managers	Winsar Publications, ISBN: 978-93-5267-695-8, (Book- 854 Pages) (ISBN: 978-93-5267-695-8) [jointly with Dr. Abhijit Singh]
Dr. A. K Jain	Social Responsibility in Business Education: An Appraisal	Book CHAPTER IN book titled "Educational Policy Reforms: National Perspectives" edited by Prof. K.M. Baharul Islam & Mohd. ISBN: 978-93-86250-10-0

FACULTY PRESENTATIONS IN NATIONAL/INTERNATIONAL SEMINARS/ CONFERENCES

Sr.	NAME	TOPIC	EVENT / VENUE
1	T. Bangar Raju	Shiptek 2017 (As Speaker)	International conference Dubai, UAE.
2	Prof. M. K. Das	Identifying Customer Centricity needs for future ports	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun

3	Prof. Vikas S. Sengar	Evaluating Factors of sustainable development of sea ports using AHP	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
4	Dr. C.P. Garg	An integrated framework for sustainable supplier selection and evaluation in supply chains(Journal of Cleaner Production).	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
5	Dr. Anil Kumar, Dr. Mohd. Yaqoot	Capacity Building for National Solar Mission – A Case of University of Petroleum and Energy Studies, India	Stromstad, Sweden
6	Dr. Anil Kumar	Introduction of Retail Supply Competition in Distribution of Electricity in India under the Electricity Act, 2003: A Case Study of Mumbai	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
7	Mr. Atul Agarwal, Dr. Anil Kumar	Framework Analysis: A Qualitative Research Methodology	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
8	Mr. BCK Mishra, Dr. Anil Kumar, Dr. Mohd. Yaqoot	A Review on Barriers to the Development of Hydropower in India	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
9	Dr. Anil Kumar	Enterprise Wide Risk Management – A tool to maximize shareholder wealth	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
10	Dr. Ashis Tripathi	International Linkage between the Indian and Chinese base metals markets	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
11	Dr. Ashis Tripathi	Enterprise Wide Risk Management – A tool to maximize shareholder wealth	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
12	Dr. Ashis Tripathi	Multilateral Perspectives of Offering Incentives to Demand Response Programs	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
13	Dr. Sunil Barthwal	Impact of ERP Implementation on the Dynamic capabilities and patient care servicing capability in Hospitals	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
14	Dr. Sunil Barthwal	Review of adoption and barriers of Rooftop Solar Photovoltaic system in India	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
15	Dr. Sunil Barthwal	India Auto industry; A review	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun

16	Dr.Karunakar Jha	Delay of Multi storied Building Projects due to client's factors .	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
17	Dr.Karunakar Jha	Impact of ERP Implementation on the Dynamic capabilities and patient care servicing capability in Hospitals	5th International Conference on Management of Infrastructure 2017, University of Petroleum and Energy Studies Dehradun
18	Dr.Karunakar Jha	Public sector Undertakings	SHRM Conference (November 17)
19	Dr. Ankur Kumar Rastogi	The Indian Electricity Sector: Need for Renewables and Energy Storage	International Conference on Sustainable Energy and Environment Sensing (SEES'18)
20	Dr. Ankur Kumar Rastogi	The Indian Entrepreneurship Scenario: Growth and Decline of Indian Entrepreneurs	INDAM conference 2017
21	Dr. Ankur Kumar Rastogi	Impact of Digitalization on Automotive Industry: Challenges & Opportunities	International Conference on Business, Internet, and Social Media (BISM 2017) Tokyo, Japan.
22	Dr. Ankur Kumar Rastogi	The Impact of Government Policies and Taxes on Organizational Performance of Automobile Industry”,	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
23	Dr. Ankur Kumar Rastogi	An Analytical Study on Development of Indian Tourism Industry with reference to Marketing”,	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
24	Dr. Anita Sengar	Bharti, K. & Sengar, A. (2017). Value Co-Creation at the BOP: Modelling the Drivers using Fuzzy Interpretive Structural Modelling (ISM).	7th IIM-Ahmedabad conference on Marketing. January 11-13, 2017.
25	Dr. Imran Khan	E-tail brand experience and brand loyalty: The mediating role of brand relationship variables	Centre for Marketing in Emerging Economies, organized by Indian Institute of Management Lucknow, Noida campus, NOIDA, 05-07 January, 2017.
26	Dr. Imran Khan	Understanding the Influence of Consumer Perceived Ethicality (CPE) on Consumer Brand Loyalty: Mediating role of brand identification”,	7th IIM-Ahmedabad conference on Marketing. January 11-13, 2017.
27	Dr. Imran Khan	Investigating Role of Brand Experience and Emotional Attachment in Building Brand Loyalty	Proceedings of International Conference on Strategies in Volatile and Uncertain Environment for Emerging Markets July 14-15, 2017, IIT Delhi, New Delhi
28	Dr. Imran Khan	Striving for Legitimacy through CSR: An exploration of employee's responses in controversial industry sector	Indian Academy of Management Conference (INDAM) 2017
29	Dr. Neeraj Anand	Inland Waterways Transportation, the ignored sector for Indian Government; Lessons from China Government.	5th Int'l Conference on Management of Infrastructure, UPES, Dehradun, India from February 9-10, 2017

30	Dr. Neeraj Anand	Factors affecting fresh produce quality at farm level operations in food supply chain	Agro Supply Chain Conference University of Petroleum and Energy Studies, Dehradun, India November 3-4,2017
31	Dr. Neeraj Anand	Water management system for mitigating uncertainty in climate dependent agriculture: a perspective from Western Europe	Agro Supply Chain Conference University of Petroleum and Energy Studies, Dehradun, India November 3-4,2017
32	Mr. Rohit Sindhwani	Business Environment of Infrastructure Challenges and Way Forward, 5th International	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
33	Mr. Rohit Sindhwani	Bridging Self-Sustenance and Corporate Social Responsibility	Agro Supply Chain Conference University of Petroleum and Energy Studies, Dehradun, India November 3-4,2017
34	Mr. Pradeep Chauhan	Infrastructure status of proposed trans-shipment Indian ports for Maritime transport	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
35	Mr. Pradeep Chauhan	An Overview of major issues and challenges in apple production, in the state of Uttarakhand	Agro Supply Chain Conference University of Petroleum and Energy Studies, Dehradun, India November 3-4,2017
36	Dr. Biranchi Prasad Panda	Role of ORDC in Managing Operations of Industrial Infrastructure	Business Environment of Infrastructure Challenges and Way Forward, 5th International Conference on Management of Infrastructure (ICMI-2017), CoMES, UPES, Dehradun
37	Dr. Saurabh Tiwari	A Conceptual Study on Supply Chain Risk	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
38	Dr. Saurabh Tiwari	Inland Waterways Transportation, the ignored sector for Indian Govt., Lesson from China	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
39	Prof. Aman Dua	Case on Claim reduction at ABC logistics	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
40	Prof. Lovraj Takru	Modal Mix of Indian Transport Sector.	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
41	Dr. Shailendra Kumar Pokhriyal	IoT in Indian PSU Oil Outlets – Contributing Factors	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017

42	Dr. Shailendra Kumar Pokhriyal	Increasing efficiency and productivity through Internet of Things (IoT) in Indian Public Sector Retail Oil Outlets - Key Factors to be considered	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
43	Dr. Shailendra Kumar Pokhriyal	Analysis of IoT business model for Indian Public Sector Retail Oil Outlets	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
44	Dr. Shailendra Kumar Pokhriyal	Critical success factors for implementation of Internet of Things (IoT) in Indian Public Sector Retail Oil Outlets	Annual Conference of the Emerging Markets Conference Board, IIM Lucknow Noida campus , January 5-7, 2017 [ISBN : 978-81-928560-2-5, page numbers: 360-367].
45	Dr. Shailendra Kumar Pokhriyal	Smart Field Data Architecture and Data Governance Framework for Efficient Integrated Reservoir Management and Operations.	January 2017 DOI: 10.2118/185440-MS Conference: SPE Oil and Gas India Conference and Exhibition
46	Prof. P.K Painuli	Volumetrics, Reserve and Risking of Exploration Prospects	12th International Conference of Society of Petroleum Geophysicist at Convention Centre ,Jaipur (Rajasthan)
47	Prof. Naveen Chandra Pandey	Managing Information Entropy with Probability Theory	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
48	Dr. Deepankar Chakrabarti	A Conceptual Study on Supply Chain Risk Management	5th International Conference on Management of Infrastructure, University of Petroleum and Energy Studies, Dehradun, India from February 9-10, 2017
49	Dr. Prayas Sharma	Efficient Estimators Using Characteristics Poisson Distribution	National Conference on Advanced Development in Theoretical and Applied Statistics(ADTAS-2017) during November 13-15, 2017.
50	Dr. Hemant Kumar Verma	Efficient Estimators of Finite Population Mean using Predictive Estimation in Simple Random Sampling	National Conference on Advanced Development in Theoretical and Applied Statistics(ADTAS-2017) during November 13-15, 2017.

COLLEGE OF LEGAL STUDIES

FACULTY PUBLICATIONS

Sr.	Author(s)	Title	Source Title
1	Chareu Srivastava	Allied Blenders and Distillers Pvt. Ltd. v. Prag Distillery Pvt. Ltd. and Ors. Delhi High Court, 06.01/2017	Amity International Journal of Juridical Sciences. (ISSN 2395-4019)

Sr.	Author(s)	Title	Source Title
2	Sampath Kumar K P	Towards a choice between “General theory of Law” or particular regional sociology: Is the Indian Judiciary in an evolutionary transition or corrective mode?	Indian bar review” Bar council of Indian Publication Vol No XLIV(1) Of 2017 (BCI)
3	Amit Kumar Sinha	Non-Precluded Measures in Bilateral Investment Treaties of South Asian Countries	Asian Journal of International Law (Cambridge University Press), Volume 7, Issue 2, July 2017, pp. 227-263; available on CJO 2016 doi: 10.1017/S2044251316000023.
4	Shubham Srivastava	Maintenance to divorcees, Gender Justice and Uniform Civil Code in India: Dangers of Judicial Action and Government Inaction	Social Sciences International Research Journal, Vol III (Special Issue), ISSN 2395-0544, pg. 56-58 [2017]
5	ASHISH JAIN	Legalize Euthanasia or Not: A Dilemma	Indian Bar Review, Vol. (XLIII)4, October - December 2016, Number: 4, pg.: 139-151, Bar Council of India Trust, New Delhi
6	Gagandeep Kaur	Jurisprudential Aspect of Women Sex Workers vis-a vis HIV/AIDS in India: An Overview	Bhatner Socio-Legal Journal, Vol. 4, 2017, ISSN 2350-0603, pp. 144-156.

FACULTY PRESENTATIONS IN NATIONAL/INTERNATIONAL SEMINARS/ CONFERENCES

Sr.	NAME	TOPIC	EVENT / VENUE
1	Akanksha Singh	Machine with the Mind: Intellectual Property Rights in the Era of Artificial Intelligence	National Conference on New Developments & Challenges in Protection of Intellectual Property Rights-2017
2	Shubham Srivatsava	Juvenile Delinquency and protection of children from criminal norms	International Conference on the Efficiency of Legal Norms, 6th Edition - 2017
3	Shubham Srivatsava	Maintenance to divorcees, Gender Justice and Uniform Civil Code in India: Dangers of Judicial Action and Government Inaction	International Conference on Women Entrepreneurship, E-Commerce, Management, Law, Gender Studies, Humanities, & Social Science - 2017

BRIEF FACULTY PROFILE

COLLEGE OF MANAGEMENT & ECONOMICS STUDIES

DEPARTMENT OF STRATEGIC MANAGEMENT

Sr.	Name	Designation	Qualification	Specialization
1	Dr. Subir Ranjan Das	Senior Professor	<ul style="list-style-type: none"> • B.CH.E (Chemical Engineering), Jadavpur University • PGDM (Marketing), Institute of Modern Management • Ph.D. (Engineering), Jadavpur University, Kolkata 	Marketing, Competitive Intelligence, Strategic Intelligence, Corporate Skills
2	Dr. Tarun Dhingra	Sr. Associate Prof. & Assist. Dean-Research & HOD - Strategic Mgt.	<ul style="list-style-type: none"> • B.Sc (PCM), University, Bareilly • MBA (Marketing), University, Bareilly • UGC-NET in Management, • Ph.D (Strategic Management), MNNIT, Allahabad 	Energy Policy, Indian power sector, Renewable energy, low cost carriers(LCC), Business strategy & Functional strategy, Port performance, Strategic CSR
3	Dr. Rajesh Tripathi	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • BA, University of Allahabad, • M.B.A (Marketing), IMS, Varanasi. • M.A. University of Allahabad • Ph.D, MNNIT, Allahabad. • Qualified UGC-NET 	Strategic Management / Strategic Thinking: Strategic Management, Intellectual Property Rights, Communication and Personality Development and Advertising Management, Corporate Governance and Sustainable Business
4	Akhil Damodaran	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E (Electronics and Instrumentation), Rajiv Gandhi Technical University, M.P • MBA (Technology Management), IIT Delhi. • Certification Competition Policy and Law, National Law University, Dwarka, Delhi –CIRC 	Business Strategy, Aviation Regulation, Public Private Partnership, Financial Inclusion, Competition Policy
5	Dr. Mobin Fatma	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • BA, (English Literature), MJP Rohilkhand University, Bareilly, Uttar Pradesh • MBA (Marketing, Finance), UP Technical University, Lucknow, Uttar Pradesh • Ph.D (Marketing) IIT Roorkee 	Strategy, Sustainability, Marketing

DEPARTMENT OF ECONOMICS & INTERNATIONAL BUSINESS

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Dayanand Pandey	Professor & Director	<ul style="list-style-type: none"> • B.A. (Hon.) (Economics), St. Xavier's • College, Ranchi, India • M.A. (Business Economics) • University of Delhi • Ph.D (Business Management), Risk 	Business Economics, Risk Management
2	Dr. Anshuman Gupta	Professor	<ul style="list-style-type: none"> • B.Com (Hons.), Meerut University • M.A. (Economics), Meerut University • M.Phil (International Trade), Jawaharlal Nehru University • Ph.D (International Trade), Jawaharlal Nehru University 	International Trade, Regional Trading Blocs, WTO Issues, Macroeconomics, Business Economics
3	Dr. V. J. Byra Reddy	Professor & VP (Academics & Accreditation)	<ul style="list-style-type: none"> • B.A (Psychology, Sociology and Economics), The National College, Jayanagar, Bangalore • M.A, (Industrial Economics), Bangalore University • Ph.D, Mangalore University 	Managerial Economics, International Business, Cross Cultural Management and Public policy
4	Dr. Prasoom Dwivedi	Professor & HOD – Int'l Business	<ul style="list-style-type: none"> • MA (Applied Economics - Gold Medalist) University of Lucknow • Ph.D, University of Lucknow, UP • Chartered Economist (Ch. E), Registered Financial Specialist (RFP) & • Master Financial Planner (MFP) • Fellow & Member, Hon Global Advisory Council, Global Academy of Finance and Management, USA 	Energy Access, Renewable Energy & Energy Efficiency, Economics & Policy, Modelling, Energy Pricing, Food, Water, Energy Nexus, 4 P's Participation in Renewable Energy Projects, Energy Education.
5	Prof. Vimal Prasad Mathur	Industry Fellow	<ul style="list-style-type: none"> • B.Com (Hons), Shri Ram College of Commerce, Delhi University • MBA (Marketing), IMT Ghaziabad. • Ph.D (Pursuing), (International Business), UPES 	International Business, Trade Procedures and Documentation
6	Dr. R. Jayraj	Sr. Associate Professor	<ul style="list-style-type: none"> • B.A (Economics), The American College, Madurai Kamaraj University • M.A (Economics), Thiyagaraja College of Arts of Science, Madurai Kamaraj University • Ph.D (International Trade) (Economics), Madras University 	International Business, Macro Finance, Macroeconomics & Time Series Modelling

7	Dr. Hiranmoy Roy	Associate Professor cum Associate Head – Economics	<ul style="list-style-type: none"> • B.A. (Economics), Cachar College, Silchar, Assam • M.A. (Economics), Assam (Central) University, Silchar, Assam • Ph.D. (Economics), Assam (Central) University, Silchar, Assam 	International Business, Energy Economics and Power Sector, Econometrics, Development Economics
8	Dr. Rajeev Sharma	Associate Professor	<ul style="list-style-type: none"> • B.A. (Hons.), (Economics) Panjab University, Chandigarh • M.A. (Economics), Panjab University, Chandigarh • Ph.D. (Economics), Panjab University, Chandigarh 	Micro Economics, Industrial Economics, SMEs and Cluster Development
9	Mr. Atri Nautiyal	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • BA (Mathematics, Economics, Statistics), HNB, Garhwal University. • MA (Economics), HNB Garhwal University. • MA (International Economics and Finance), Ryerson University, Toronto, ON, Canada. • Ph.D. (Enrolled), Univeristy of Petroleum and Energy Studies, Dehradun • PERSONAL FINANCIAL PLANNER (PFP®) – Canadian Securities Institute • CANADIAN SECURITIES COURSE (CSC®) - Canadian Securities Institute 	Econometrics, International Economics, Financial Markets
10	Dr. Sushil Kumar Rai	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.A.(Hons.) (Economics), BABU • M.A. (Economics), Banaras Hindu University • Ph.D. (Economics), Banaras Hindu University 	Mathematical Economics and Econometrics.
11	Dr. B. K. Chaturvedi	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.A. (Economics), University of Allahabad • M.A. (Economics), Banaras Hindu University • Ph. D (Applied Economics) Banaras Hindu 	Microeconomics, Macroeconomics, Development Economics, Infrastructure Economics

12	Dr. Narendra Nath Dalei	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.A. (Hons.) in Economics from SCS College, Utkal University • M.A. in Economics, from Ravenshaw College, Utkal University • CIC in Computer from Application, IGNOU • Ph.D in Environmental & Ecological Economics, University of Delhi 	Econometrics Modeling, Time Series Analysis, Energy and Climate Change, Business Modeling in Energy Sector, Mathematical Methods in Economics
13	Mr. Upananda Pani	Assistant Professor	<ul style="list-style-type: none"> • B.A. (Hons) (Economics), Utkal University • M.A. (Economics), University of Hyderabad • M.Phil (Economics) University of Hyderabad • Ph.D.(Economics) (Pursuing), IIT-Kharagpur 	Business Economics I, Business Economics II, Business Statistics, Research Methodology & Report Writing, Economics & Management Decisions, Econometrics, Energy Derivatives & Risk Management
14	Ms. R S Aswani	Assistant Professor	<ul style="list-style-type: none"> • Bachelors in Political Science • Masters in Political Science • M.Phil: Indo-Maldives Geo-Strategic Relations • Ph.D (Pursuing), Maritime Security Challenges for India in the 21st Century: Strategic and Political Options 	Indian Ocean, Maritime Affairs, Sino Indian Relations, South Asia
15	Mr. Jagadish Prasad Sahu	Assistant Professor	<ul style="list-style-type: none"> • BA (Hons.) (Economics), Utkal University • MA (Economics), University of Hyderabad • MPhil (Economics), Delhi School of Economics, University of Delhi • Ph.D (Pursuing) (Economics), Jawaharlal Nehru University 	International Economics, Macroeconomics, Econometrics
16	Ms. Anukriti Sharma	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.A. (Hons.) Economics, I.P. College, University of Delhi • M.Sc. Applied Economics (Environmental Economics) Madras School of Economics, Chennai & IGNOU Delhi • Ph.D.(Pursuing), UPES 	Environmental Economics

DEPARTMENT OF POWER & INFRASTRUCTURE

S.No	Name	Designation	Qualification	Area of Specialization
1	Dr. Anil Kumar	Professor cum HOD	<ul style="list-style-type: none"> • B.Sc. (Electrical Engg.), BIT Sindri, Ranchi University • M.Tech, IIT, Delhi • MBA (Operations Management, Finance Management) • M.Com (Finance), Pondicherry University • M.A. (Economics), Himachal Pradesh University • PhD (Power Economics), APS Rewa, MP 	Power Engineering & Management, Engineering Economics, Strategic Management, Hydropower Management
2	Chandra Prakash Sharma	Industry Fellow	<ul style="list-style-type: none"> • B.Sc (Electrical), HBIT, Kanpur • M.E (Electrical Engineering), Indian Institute of Science, Bangalore • Energy Training Programme, International Institute of Education, Washington, USA 	Electrical Power Distribution, Transmission and Utility; Hydro Power, Environment
3	Dr. Mohammad Yaqoot	Associate Professor	<ul style="list-style-type: none"> • B.E (Mechanical Engg.) • M.Tech (Energy Studies) • Ph.D.(Management) 	Renewable Energy, Energy Policy
4	Avishek Ghosal	Lecturer	<ul style="list-style-type: none"> • B.Tech, WBUT, Kolkata • MBA, UPES, Dehradun • PGDC (TPPE), NPTI Delhi • Certificate in SCADA & PLC • Certificate in AUTOCAD 	Urban & Infrastructure Development Policy, Urban & Transport, Economics / Financing, SMART City, Internet of Things, Contract Management, Regulatory economics, Urban Transport, PPP.

DEPARTMENT OF OIL & GAS

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Shailendra Kumar Pokhriyal	Professor & Associate Dean (OG&ET)	<ul style="list-style-type: none"> • B.Sc. (H) Chemistry, Delhi University • M.Sc. Chemical Engineering Higher Institute of Chemical Technology, Acen Zlatarov University, Bourgas, Bulgaria • MBA (Marketing) • Ph.D, HNB Central University 	New Management System, Energy Risk Management, Regulatory Policy, Energy Management, Oil & Gas Value Chain & Trading
2	Promod Kumar Painuly	Industry Fellow	<ul style="list-style-type: none"> • B.Sc. (PCM), Agra University • M.Sc. (Physics), Allahabad University 	Oil & Gas Exploration and Production, Risking and project economics, International Business.

3	Pankaj Mohan Prasad	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Chemical Engineering), Regional Engineering College, Rourkela • Master of Business Economics, University of Delhi • PGD in International Trade, Indian Institute of Foreign Trade PGDBM, University of Bradford • Pursuing Ph.D, UPES 	Petroleum Refining, Marketing, Business Economics, Energy Economics
4	Atul Rawat	Assistant Professor – Senior Scale cum Associate Head (OG & ET)	<ul style="list-style-type: none"> • B.Sc., H.N.B Garhwal University, Srinagar, Uttarakhand. • M.Sc. (Mathematics), H.N.B Garhwal University, Srinagar, Uttarakhand. • MBA (Upstream Asset Management), UPES • Pursuing PHD, UPES 	Monitoring & Evaluation, Industry Policy Studies (fiscal regimes), Planning and Budgeting, Competitor & Product Analysis, Mentoring, Industry & Market Analysis and Research, Conduct Knowledge Sharing Sessions and Operations.
5	Navdeep Bhatnagar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Com, H.N.B. Garhwal University, Srinagar • MS (Energy Trading), UPES 	Power Trading, Power Distribution, Renewable Energy, Energy Trading and Risk Management
6	Sonal Gupta	Assistant Professor	<ul style="list-style-type: none"> • B.Com, GRD Girls Degree College • MBA (ET), UPES, Dehradun • Pursuing Ph.D (Power), UPES 	Energy Value chain- Oil, gas and power, Energy Derivatives & Risk Management
7	Anirudh Singh	Industry Fellow	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), MJPRU, Barrailly • MBA (Marketing and Operations), NILLM, Rai University • Ph.D (Preparing for RAT) 	Oil & Gas Marketing

DEPARTMENT OF FINANCE

S.No	Name	Designation	Qualification	Area of Specialization
1	Dr. Sumeet Gupta	Senior Associate Professor cum HOD	<ul style="list-style-type: none"> • B.Com, MDU • Master of Finance and Control (MFC), MIFC (Master in Financial Consultancy), CFC, MIFP(Master in Financial Planning), • CBA (Chartered Business Administrator)- Canada Ph.D , Avadesh Pratap Singh University • NCFM Certified, ACIM Certified Public Forensic Accountants from Institute of Forensic Accountants, USA 	Risk Management, Derivatives, Investment Analysis and Management, Portfolio Management (With Mathematical Approach), International Financial Management, Project Finance & Management, Strategic Cost Management, Management of Financial Services, Financing of Oil and Gas Sector(Energy) Projects
2	Dr. T. Joji Rao	Associate Professor	<ul style="list-style-type: none"> • B. Com • MBA in Finance • Ph.D in Management Sambalpur University 	Finance, Accounting, Oil and Gas Accounting, Risk Management, Insurance
3	Dr. Ankur Mittal	Associate Professor	<ul style="list-style-type: none"> • B. Com, Garhwal University H.D.C.A, NIIT • M.Com in Finance, Garhwal University • M.B.A. in Finance, Garhwal University • Ph.D, University of Petroleum & Energy Studies 	Petroleum Accounting, Financial Management & Corporate Valuation
4	Dr. Vipul Sharma	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.com, Mahrishi Dayanand University, Rohtak • M.B.A. (Finance), Technological Institute of Textile & Sciences, Bhiwani, • Ph.D in Commerce , Mahrishi Dayanand University, Rohtak • Certification in Excel Modelling 	Corporate Finance, International Economics & Finance, Trading & Risk Management
5	Dr. Vinay Kandpal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B. Com (Hons), Calcutta University • MBA (Finance & Marketing), Kumaun University, Nainital • PhD (Management), Kumaun University, Nainital • Pursuing Post Doctoral (Finance), Kumaun University, Nainital 	Finance & Accounting

6	Dr. Shubendu Vimal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech, College of Engineering & Technology (Uttar Pradesh Technical University) • MA Economics Hindu College, MJPRU, Bareilly • MBA Finance & Marketing, Amity Business School Amity University, Noida • NET (Management), NET (Economics), USET (Economics) • Ph.D.(Finance), I.F.T.M. University, Uttar Pradesh 	Commodity Derivatives, Financial Econometrics, Financial Modelling
7	Nidhi Bansal	Assistant Professor	<ul style="list-style-type: none"> • B.Com, Dr. Bhim Rao Ambedkar University, Agra • M.Com Dr. Bhim Rao Ambedkar University, Agra • MBA, Rajeev Academy for Technology & Management, Mathura. • Ph.D (Pursuing), IIT, Roorkee. 	Accounting and Finance
8	Anamika Singh	Assistant Professor	<ul style="list-style-type: none"> • B.A (Economics & English), Delhi University, Delhi • PGDCA (DOEACC “A” Level), DOEACC Society • MBA (Finance and IT), GGSIPU & Delhi • UGC NET-JRF (Management), • Ph.D (Pursuing) (Finance and Accounting), IIT Roorkee 	Risk management, Financial Management, Banks’ Liquidity Management
9	Swati Gupta	Senior Lecturer	<ul style="list-style-type: none"> • B.Com, Delhi University • MBA (Finance), Western International University, Arizona • Pursuing Ph.D in Management • Professional Doctorate in Management 	Managerial Accounting, Project Finance Business Taxation, Fundamentals of Finance Financial Management, Corporate Finance Financial Analysis

DEPARTMENT OF TRANSPORTATION

S.No	Name	Designation	Qualification	Area of Specialization
1	Dr. Totakura Bangar Raju	Professor cum HOD	<ul style="list-style-type: none"> • B.E. Mechanical Engineering, Andhra University • PGDBM (International Business), Fortune Institute of Int’l Business • PhD (Port & Shipping Management), UPES 	Maritime, LNG Shipping, Maritime, International Trade, Coal Trading

2	Dr. Dharam Pal Singh	Professor	<ul style="list-style-type: none"> • B.Sc. in Physics, Chemistry & Mathematics, Kurukshetra University • M.Sc. in Mathematics & Statistics, Kurukshetra University • M.A. in Economics, Madras University • M.Sc. in Psychology, Madras University • MBA in HR, IGNOU • Ph.D from UPES, Dehradun 	Aviation Economics, Mathematical Statistics, Psychology Mgmt, Airport Economics, Econometrics, Airport Planning & Mgmt, Aviation Forecasting Techniques, Research Methodology, Quantitative Techniques, Aviation Customer, Service & Quality Management, Airport Enterprise Management
3	Mihir Kanti Das	Industry Fellow	<ul style="list-style-type: none"> • B.Sc. (Physics) Hons. • PG Diploma in Industrial Safety • MICS (UK) 	Ports, Shipping Health, Safety & Environment Railway Operations / ICD operations; Logistics of EXIM business Media Relations
4	Capt Ashok Lakhera	Industry Fellow	<ul style="list-style-type: none"> • Graduation: 2nd Mate, Merchant Navy • Post-Graduation: Chief Mate, Merchant Navy • Master Mariner, Merchant Navy 	Shipping
5	Dr. Ajit Kumar Nigam	Associate Professor	<ul style="list-style-type: none"> • LLB, Delhi University • BA (Hons) (English), Delhi University • MBA, IMT, Ghaziabad • PhD (Management), UPES 	Entrepreneurship, Aviation, International Business, Marketing
6	Dr. Chandra Prakash	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • BSc & M.Sc (Mathematics), Dr. Bhim Rao Ambedkar University • MBA (Aviation), UPES • Ph.D, IIT Roorkee • UGC-NET (JRF) 	Aviation management, Reverse Logistics, Green Supply Chain Management, Optimization, Sustainability and Supply Chain Risk Management
7	Mohit Rishi	Assistant Professor	<ul style="list-style-type: none"> • B.A., University of Lucknow • Master (Tourism Management) 	Air Cargo
8	Priya Singh	Doctoral Research Fellow	<ul style="list-style-type: none"> • BA (Tourism), Indira Gandhi National Open University (IGNOU) • MA (Tourism Management), Indira Gandhi National Open University (IGNOU) 	Tourism Management

DEPARTMENT OF HUMAN RESOURCE

S.No	Name	Designation	Qualification	Area of Specialization
1	Maj. Gen. (Dr.) S.P.S Narang	Distinguished Professor	<ul style="list-style-type: none"> • BSc , Earstwhile Vikram University, Ujjain • MSc (Defence Studies), Madras University) • M.Phil (Int'l Affairs & Balance of Power), Madras University • Ph.D., Devi Ahilya University, Indore 	HR, Business Communication and Negotiation Skills, OB, Leadership and Soft Skills
2	Dr. Nikhil Kulshrestha	Senior Associate Professor cum Assistant Dean (Planning & Monitoring)	<ul style="list-style-type: none"> • PGDBM (HR & OB), Nice Management College, Meerut • MA (Sociology), CCS University, Meerut • Ph.D (Business Management), Dr. B.R. Ambedakar University, Agra • Certified trainer in Transactional Analysis and Psychometric Assessment 	HR, OB, Business Communication
3	Dr. P. C. Bahuguna	Associate Professor cum HOD	<ul style="list-style-type: none"> • B. Sc. & M.A. (Economics) from H.N.B. Garhwal University, Srinagar, Garhwal • Ph.D. (Business Administration), Gurukul Kangri Vishwavidyalaya, Haridwar 	Strategic Human Resource Management, Labour Economics
4	Dr. Sheetal Khanka	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B. A (Psychology & Economics), M. K. P Dehradun, Gharwal University, Dehrdaun MBA (HRM), IMS, Gharwal University, • Ph.D (General Management), Gurukul Kangri Vishwavidhyalya, Roorkee 	Communication, Human Resource Development, Knowledge Management
5	Mr. Neeraj Kataria	Assistant Professor - Selection Grade	<ul style="list-style-type: none"> • B.Sc. from KJ Institute, University of Allahabad • MMS, MNNIT, Allahabad • Pursuing Ph.D (Int'l HRM), Uttarakhand Technical University • UGC-NET in HRM/Labor Legislations 	Human Resource Management, Organizational Behaviour, Labor Legislations, IR, Corporate & Business Laws

6	Dr. A. Lakshmana Rao	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Com. (MR Autonomous College) Andhra University • MBA (Management), Andhra University • LL.M. MG University, Kottayam, • Ph.D (Management), Andhra University, • UGC-SLET & FDP-IIM-Indore 	Human Resource Management, Organizational Behaviour & Corporate Governance
7	Dr. Ruchi Tyagi	Assistant Professor - Selection Grade	<ul style="list-style-type: none"> • B.Sc (BCZ), Meerut College, C.C.S. University • Diploma (Computer Appl.) APTECH Namrup, Assam • Diploma (Labour Laws), National Institute of Labour Ed. & Mgmt. Chennai • MBA (HRM & Marketing), N.M.C, U.P. Technical University, Lucknow • M.A.(Journalism and Mass Communication), C.C.S University, Meerut • Ph.D in Management, U.P. Technical University, Lucknow 	Human Resources Management, Developmental Communication, Corporate Social Responsibility, Corporate Social Responsibility
8	Dr. Alka Dwivedi	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B. Sc. (Physics, Chemistry, Maths), University of Lucknow • MBA (HRM & IR), University of Lucknow • Ph.D. (Business Administration), University of Lucknow 	Management of Knowledge Worker, Public Community Participation, E- Learning
9	Dr. Teena Saharan	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Biology), Kurukshetra University, Kurukshetra; • MBA (HR & Marketing Management), Maharishi Dayanand University, Rohtak, • UGC-NET • Ph.D (Management), Guru Jambheshwar University of Science & Technology, Hisar 	Human Resource & Organization Behavior
10	Dr. Deepakshi Jaiswal	Assistant Professor	<ul style="list-style-type: none"> • B.Com (S.D College, Kanpur), affiliated from CSJM University • MBA (Human Resource), College of Engineering Roorkee (COER), Roorkee), affiliated from UTU University. • Ph.D (Department of Management Studies), IIT Roorkee 	Human Relations and Organization Behavior

11	Mohammad Faraz Naim	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (Biotechnology), Jamia Millia Islamia, New Delhi • MBA (HR & Marketing), Jamia Millia Islamia, New Delhi • Ph.D (Pursuing) (Human Resource Management), Department of Management Studies, IIT Roorkee 	Human Resource Management & Organizational Behavior
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DEPARTMENT OF LOGISTICS AND SUPPLY CHAIN MANAGEMENT

S.No	Name	Designation	Qualification	Area of Specialization
1	Dr. Neeraj Anand	Professor and Associate Dean (Research)	<ul style="list-style-type: none"> • B.E. (Civil), Nagpur University • MBA, M.D.S. University, Ajmer • PGDRD (Rural Development), IGNOU • Ph.D in Management • Qualified UGC NET in Management 	Supply Chain Management and Research Methodology, Operations Management, Marketing Management, Quantitative Techniques and Project Management.
2	Balaram Swamy Jutta	Industry Fellow	<ul style="list-style-type: none"> • B. Tech (EE), IIT, Kharagpur • PGD (Management), IIM, Calcutta • PhD (Pursuing), UPES • UGC-NET Qualified 	Logistics & Supply Chain Management : Strategy, Marketing Management
3	Loveraj Takru	Industry Fellow cum HOD	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), IIT Kanpur • PGDM, IIM Calcutta • Pursuing Ph.D, UPES 	Chemical Engg. Finance, Operations Research Supply Chain Management
4	Dr. Biranchi Prasad Panda	Associate Professor	<ul style="list-style-type: none"> • B.E. (Production Engineering, Shivaji University, Maharashtra) • MBA (Operations Management), IGNOU, New Delhi • Ph.D. (Design Technology Management), KIIT University, Odisha 	Operations Management, Materials Management, Technology Management, Design Thinking, Digital Manufacturing & Virtual Factory, Product Design & Development, Process Design & Simulation, Product Lifecycle Management
5	Dr. Saurabh Tiwari	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech.(Electronics & Communication), U.P. Technical University, Lucknow • Masters in Management Studies, Motilal Nehru National Institute of Technology, Allahabad • Ph.D, SHIATS, Allahabad. 	Logistics & Supply Chain, Lean Manufacturing, Supplier Relationship Management, Operations Management

6	Dr. Rupesh Kumar	Assistant Professor- Selection Grade	<ul style="list-style-type: none"> • B.Tech (Electrical Engineering) – Gurukula Kangri University, Haridwar • MSc (IT and e-Business) – University of Reading, United Kingdom • Ph.D (Supply Chain Management and IT), IIT Roorkee • Post Doc (Supply Chain Management) – IST Lisboa, Portugal 	Supply Chain Management, Logistics Management, Multivariate Analysis, and Information Technology
7	Pradeep Chauhan	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. in Electrical PCM, HNB Garhwal University, Srinagar. • MBA (LSCM), UPES 	Logistics & Supply Chain Management with specialization in Warehouse Management, Inventory Management and distribution. Multimodal Transport and Global Supply Chain Management.
8	Aman Dua	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E (Electronics and Communication), G.B. Pant. Engineering College Pauri Garhwal • PGDIE, NITIE Mumbai • Ph.D (pursuing), IIFT, New Delhi 	Quality and Multimodal transportation
9	Sumit Beri	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B. Tech (Mechanical), Dehradun Institute of Technology, Dehradun • MBA (Upstream Asset Management), UPES 	Supply Chain Management in Oil & Gas Industry
10	Rohit Sindhwani	Assistant Professor	<ul style="list-style-type: none"> • B.Tech Production Engineering, G.B. Pant University of Agriculture and Technology, Pantnagar, Uttarakhand • MBA (Industrial & Management Engineering), IIT - Kanpur 	Supply Chain Management, Operations Research, Manufacturing Strategy

DEPARTMENT OF DECISION SCIENCES

S.No	Name	Designation	Qualification	Area of Specialization
1	Dr. Deepankar Chakrabarti	Professor cum HOD	<ul style="list-style-type: none"> • M.Sc. (Exploration Geophysics), IIT Kharagpur • PGD (Management), IMI, New Delhi • Ph.D (Management), Jamia Milliyya Islamia 	Knowledge Management, Spatial Intelligence, Business Analytics
2	Dr. Binod Kumar Singh	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc.(Statistics), Patna University • M.Sc.(Statistics), Patna University • D.I.T., RCSM • Ph.D. (Statistics), Banaras Hindu University (BHU) 	Statistics, Operation Research, Quantitative Methods, Research Methodology & Marketing Research
3	Dr. Ratna Banerjee	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc. (Physics, Mathematics, Statistics), HCPG College, Varanasi, Uttar Pradesh. • M.Sc. (Mathematics), HCPG College, Varanasi, UP • PGDCA (Computer Applications), HCPG College, Varanasi, UP • PhD (Mathematics), University of Rajasthan, Jaipur 	Computational Mathematics, Statistics, General Relativity and Cosmology.
4	Dr. Rajeev Srivastava	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • MCA, Institute of Engineering & Technology, Purvanchal University, Jaunpur • M.Tech. (IT), KSOU, Madras • Ph.D, NIT Allahabad 	Green Computing, e-waste management, computer Graphics, Data Visualization
5	Rajeshwari Sharma Deb	Assistant Professor - Selection Grade	<ul style="list-style-type: none"> • B.Sc. Chemistry (Hons.), Delhi University • MBA (Systems), AIMA, New Delhi • IBM Certified Pursuing Ph.D, from UPES, Dehradun 	Business Analytics, Data-mining, Information systems, E- Business, Software Engineering, Software Project Management, Database Management Systems, Storage Technology
6	Vikas Kumar	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech. (Chemical Engineering), AMU, Aligarh • MBA, Aligarh Muslim University • UGC NET (Management) • Pursuing Ph.D, UPES 	Project Management & Financing

7	Dr. Prayas Sharma	Assistant Professor-Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Computer Sc. & Statistics), Mahatma Gandhi Kashi Vidyapith, Varanasi. • M.Sc. (Statistics), Banaras Hindu University, Varanasi • Ph.D. (Statistics), Banaras Hindu University. • UGC-NET • Diploma in Japanese Language, BHU, Varanasi. 	Statistics, Quantitative Techniques, Research Methodology
8	Dr. Pankaj Chamola	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • BSc. (Marketing), Garhwal University • MBA (Marketing), Garhwal University • Ph.D (Marketing), Garhwal University 	Marketing Analytics
9	Dr. Hemant Kumar Verma	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (Statistics & Mathematics), Hrish Chandra P G College, Varanasi • M.Sc. (Statistics), Banaras Hindu University, Varanasi • Ph.D. (Statistics), Banaras Hindu University. • UGC-NET 	Statistics, Quantitative Techniques, Research Methodology
10	Dr. Jyoti Pandey	Assistant Professor	<ul style="list-style-type: none"> • B.Sc (Statistics Hons), BHU • M.Sc (Statistics), BHU • Ph.D (Statistics), BHU 	Statistics, Quantitative Technique, Statistical Modelling and Research Methodology.
11	Naveen Chandra Pandey	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (ME), Kamala Nehru Institute of Technology, Sultanpur • MBA (Information Systems Management), UPES • Pursuing Ph.D, UPES 	Project Management, IT Applications and MIS

DEPARTMENT OF MARKETING MANAGEMENT

S.No	Name	Designation	Qualification	Area of Specialization
1	Dr.Karunakar Jha	Professor cum Associate Dean (CR & HOD)	<ul style="list-style-type: none"> • MA, Pune University • MBA (Marketing), Pune University • Ph.D (Marketing), Patna University 	Marketing
2	Dr. Atul Razdan	Professor & Associate Dean (UG)	<ul style="list-style-type: none"> • B.E (Mechanical), BITS, Ranchi • MBA (Marketing), BITS, Ranchi FDP, IIM, Indore • Ph.D., UPES 	Marketing Management & Operations Management

3	Dr. Arvind Kumar Jain	Sr. Associate Professor	<ul style="list-style-type: none"> • B.Sc (Life Science), • LLB, Allahabad University • PGDBM (Marketing & HRM), IMS Roorkee • Ph.D (Applied Business Economics), Dr. B.R Ambedkar University 	Marketing Management, Services Marketing, International Marketing, Retail Management, Consumer Behavior, Brand Management, Advertising & Sales Management, Channels Management, Contracts
4	Dr. Sunil Barthwal	Associate Professor cum HOD	<ul style="list-style-type: none"> • M.A. (English Literature), DAV PG College, Dehradun, HNB Garhwal University, Srinagar • M.B.A., HNB Garhwal University, Srinagar Garhwal. • Ph.D.(Management), Uttarakhand Technical University, Dehradun 	Advertising strategy and content generation, Digital marketing, Consumer behavior and Culture
5	Dr. Devkant Kala	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc. (PCM), HNB Garhwal University, Srinagar Garhwal • MBA (Marketing), HNB Garhwal University, Srinagar Garhwal • Ph.D, Uttarakhand Technical University Dehradun 	Marketing Management, Consumer Behaviour, Service Marketing.
6	Dr. Ankur Kumar Rastogi	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., University of Allahabad • Master's (Marketing Administration), Jiwaji University • PGD (Marketing Management), Annamalai University • MBA, IGNOU • Ph.D (Management), Singhania University 	Marketing
7	Dr. Anita Sengar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (IT), University of Rajasthan • MBA (Marketing), MDU Rohtak • Ph.D (Rural marketing), IIT Roorkee 	Rural marketing, Marketing management, CRM, Qualitative research
8	Dr. Imran Khan	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • BSc, MJP Rohilkhand University, Bareilly, UP • MBA (Marketing), Jamia Hamdard University, New Delhi • UGC-NET JRF • Ph.D, IIT- Roorkee 	Brand Experience, Consumer Behavior, Marketing Research

9	Manisha Solanki	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (Hons), Ch. Charan Singh Haryana Agricultural University • M.Sc. (Advertising & Public Relations), Guru Jambheshwar University of Science and Technology • M.Phil (Journalism & Mass Communication), Maharshi Dayanand University, Rohtak. • Ph.D. (Pursuing), Institute of Media & Communication, Martin Luther University Halle – Wittenberg, Halle, Germany 	Mass Communication & Advertising
10	Mayank Yadav	Assistant Professor	<ul style="list-style-type: none"> • BSc • MBA (Marketing) • UGC NET-2011, UGC NET & JRF-2012 • Ph.D.(Pursuing), IIT-ROORKEE 	Marketing

CENTRE FOR PROFESSIONAL COMMUNICATION

S.No	Name	Designation	Qualification	Area of Specialization
1	Dr. Radhika Bansal Pasricha	Assistant Professor - Selection Grade cum Associate Head	<ul style="list-style-type: none"> • B.A., St. John's College Agra, Dr. B.R. Ambedkar University, Agra • M.A. (English Literature), St. John's College Agra, Dr. B.R. Ambedkar University, Agra • B. Ed, Advance Diploma in French Language, Dr. B.R. Ambedkar University, Agra • Ph. D (English), St. John's College Agra, Dr. B.R. Ambedkar University, Agra 	English Language Teaching, Technology Based Language Teaching, Task-based Language teaching using Language Lab, Professional Communication, Contemporary Indian English Women Writing, Gender Studies, Poetry.

2	Sonali Lakhera	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (Chemistry, Botany, Zoology), Hemvati Nandan Bahuguna Garhwal University, Srinagar • Post Graduate Professional Plus Course in Computer Applications from Softronics Information Technology • DOEACC 'A' Level • M.A. (English), Hemvati Nandan Bahuguna Garhwal University, Srinagar • B.Ed, Indira Gandhi National Open University • UGC NET (English) Dec 2014 • Ph.D (English) (Thesis Submitted), Hemvati Nandan Bahuguna Garhwal University, Srinagar 	Translation and Adaptation Studies, Gender Studies, Postcolonial Studies, English Language Teaching, Business Communication and Writing Skills.
3	Sasi Sekhar Mallampalli	Senior Lecturer	<ul style="list-style-type: none"> • M A (English Literature), Andhra University • CELTA (Certificate in English Language Teaching to Adults) Certified Professional Certificate from Cambridge • Ph.D(Pursuing) English, Uttaranchal University, Dehradun 	English Language Teaching (ELT) & Business Communication
4	Gopal Chanana	Assistant Trainer	<ul style="list-style-type: none"> • B.A., HNB Garhwal University • M.A. (English Literature), SDSUV, Garhwal 	Enhancing Employability through Better Thinking Ability, Creativity & Presentation Skills.
5	Pradeep Jagwan	Assistant Trainer	<ul style="list-style-type: none"> • B.A, Hemwati Nandan Bahuguna Garhwal University • M.A. (English Literature), Hemwati Nandan Bahuguna Garhwal University 	English Literature and Grammar
6	Preeti Aneja	Assistant Trainer	<ul style="list-style-type: none"> • BA, Kurukshetra University, Kurukshetra • MBA (HR), Symbioses, Pune • MA (Education), CCS University, Meerut • Ph.D. (Pursuing), UTU, Dehradun 	HR, Educational Technology

7	Rekha Verma	Assistant Trainer	<ul style="list-style-type: none"> • C.B.Z (Botany and Zoology), H.N.B Garhwal University • M.B.A (H.R), Punjab Technical University • M.A. (English) from Shobhit University, Meerut. • Ph. D (Pursuing), Gyan Vihar University, Jaipur 	HRM, Professional & Business Communication, Technology Based Language Teaching (HBO)
8	Samiksha Khurana	Assistant Trainer	<ul style="list-style-type: none"> • B.Com, H.N.B. Garhwal University, Dehradun • MBA (Human Resource Management), H.N.B. Garhwal University, Dehradun 	Training and Development/Corporate Communication

COLLEGE OF ENGINEERING STUDIES

DEPARTMENT OF PHYSICS				
S.No.	Name	Designation	Qualification	Specialization
1	Dr. Piyush Kuchhal	Professor cum Associate Dean	<ul style="list-style-type: none"> • B.Sc, (Physics), Choudhary Charan Singh University, Meerut • M.Sc (Engineering Physics), IIT Roorkee • Ph.D (Condensed Matter Physics), IIT Roorkee 	Condensed Matter Physics: Activated Properties of Materials, Polymer Electrolytes, SPV Power Systems
2	Dr Rajeev Kumar Gupta	Associate Professor cum HOD	<ul style="list-style-type: none"> • B.Sc. C. C. S. University, Meerut (U.P.) • M. Sc (Physics) with 1st Division, C.C.S. University, Meerut (U.P.) • Ph.D (Physics), Ranchi University, Ranchi, India (March, 2003) & Experimental work at IUAC, New Delhi 	Surface coating and functionalization, Super hydrophobic and icephobic surfaces and surface engineering, Ion beam modification of polymers, Spray coating, Energy materials, Polymers and surface functionalization, Materials characterization

3	Dr. Piyush Dua	Associate Professor	<ul style="list-style-type: none"> • B.Sc, (Physics), Ch. Charan Singh University, Meerut, UP • M.Sc (Physics.), Ch. Charan Singh University, Meerut • Ph.D (Physics) (Computational Condensed Matter Physics), IIT Roorkee • Post Doc Pohang University of Science and Technology, South Korea 	Computational Condensed Matter Physics, Magnetic Nanowires, PEC water splitting
4	Dr. Gagan Anand	Associate Professor	<ul style="list-style-type: none"> • B.Sc (Physics), Osmania University • M.Sc (Physics), Osmania University • PhD (Physics), Jawaharlal Nehru Technological University, Hyderabad 	Ferroelectrics, piezoelectric, Impedance spectroscopy, Rheology
5	Dr. Santosh Dubey	Associate Professor	<ul style="list-style-type: none"> • B.Sc (PCM), DDU Gorakhpur University, UP • M.Sc (Physics). DDU Gorakhpur University, UP • MS (Computational Science Physics) Department of Scientific Computing, Florida State University, USA • Ph.D (Computational Science/Material Science), Department of Scientific Computing, Florida State University, USA • Post Doc., School of Nuclear Engineering, Purdue University, West Lafayette, Indiana, USA 	Material Science, Mathematical Modeling & Simulation, Radiation Effects in Materials, Reservoir Modeling
6	Dr. Amit Kumar Chawla	Associate Professor	<ul style="list-style-type: none"> • B.Sc. (PCM), C.C.S. University, Meerut • M.Sc., (Physics), C.C.S. University Campus, Meerut • Ph.D (Physics), C.C.S. University, Meerut • Post-Doctoral, IIT Roorkee • Cleared NET 	Thin films solar cells, Hydrogen storage materials

7	Dr. Bhagya Sindhu Tewari	Associate Professor	<ul style="list-style-type: none"> • B.Sc.,(PCM) Kumaon University Nainital • M.Sc., (Physics) G.B. Pant University of Ag. and Technology, Pantnagar • Ph.D, (Physics) G.B. Pant University of Ag. and Technology, Pantnagar • Advanced Course Condensed Matter Physics), Indian Institute of Science (IISc) Bangalore 	Theoretical modelling and computer simulation of the electronic spectra, transport, magnetic and superconducting properties of strongly correlated systems such as high T _c cuprate superconductors within the framework of many body field theoretical approach, and also currently involved in the theory and modelling of quantum transport in Nano-structured superconducting - quantum dot tunnel junctions.
8	Dr Santosh Kumar Joshi	Associate Professor	<ul style="list-style-type: none"> • B.Sc. (PCM), DSB Campus, Kumaun University, Nainital • M.Sc. (Physics- Electronics), G B Pant University of Agriculture & Technology, Pantnagar • Ph.D(Physics- Solid), State Physics, Kumaun University, Nainital 	Amorphous Materials and their Thermophysical behaviour, Molecular Dynamics
9	Dr. Kanak Pal Singh Parmar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • BS, H.N.B GarhwalUniversity • MS/MTech, IIT Roorkee, Delhi • Ph.D, Norwegian University of Science & Technology (NTNU), Norway • Post-Doctorate, Pohang University of Science and Technology (POSTECH), South Korea 	Harvesting Solar Energy using Nanostructured Materials; New Generation Photovoltaic Devices; Artificial Photosynthesis and Photo-catalytic Water-Splitting; Rheology of Soft-Condensed Matter.
10	Dr. Rishi Dewan	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc (PCM) BND College, SSJM University Kanpur U.P • M.Sc (Physics with Spl. Electronics), BND College, SSJM Kanpur University, Kanpur U.P • M-TQM (Total Quality Management) Department of Statistics, University of Lucknow • Ph.D. (Physics), UPES 	Ion Beam Irradiation, Surface Morphology of Thin Film, Oleophobic/philic properties of Thin film

11	Dr. Sudesh Sharma	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc., Meerut College, Meerut, U.P. • M.Sc. (Physics), C.C.S. University Campus, Meerut, U.P. • Ph. D (Experimental Condensed Matter Physics), IIT Delhi 	Dilute Magnetic Oxides Nanostructures for Spintronic, Multifunctional Doped / Undoped Oxide Systems for Device Applications, Metallic Multilayers Thin Films for Data Storage & Sensing Applications, Exchange Biasing in Magnetic/Multiferroic Thin Films
12	Dr. Prasantha Mandal	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc. (Physics), Panskura Banamali College, Vidyasagar University, West Bengal • M.Sc. (Solid State Physics), Vidyasagar University, Midnapore, West Bengal • M.Tech. (Cryogenic Engineering), Indian Institute of Technology Kharagpur • Ph.D. (Physics) (Expt. Cond. Matt.), Indian Institute of Technology Bombay, Mumbai 	Novel plasmonic and photonic structures for manipulating optical properties and control. Understanding of light-matter interaction at nanometer length scale. Advanced plasmonic nanosensors based on the principle of surface enhanced Raman scattering (SERS) and surface enhanced fluorescence (SEF). Probing near-fields for SERS/SEF. Multi-wavelength excitation Raman scattering. Advanced lithography for the nanofabrication of plasmonically active nanostructures and patterning. Multi-beam laser interference lithography, Plasmonic devices.
13	Dr. Kailash Pandey	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (PCM), M B P G College Haldwani Kumaoun University Nainital • M.Sc. (Physics), CBSH / G B Pant University Pantnagar • Ph.D (Physics & Computer Science), G B Pant University of Ag and Technology Pantnagar 	Nuclear Physics, Material Science
14	Dr. Manjeet Singh Goyat	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Computer Science), MDU, Rohtak • M.Sc. (Physics), GJU, Hisar • M.Tech. (Nano Science & Technology), GJUST, Hisar • Ph.D (Metallurgical & Materials Engineering), IIT Roorkee 	Experimental Physics, Nano materials, Polymer Nanocomposites

15	Dr. Satyapal Singh Rathore	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Physics), Holkar Science College, Indore • M.Sc (Physics), Devi Ahilya Vishwavidhyalaya, Indore • M.Tech (New Materials & Processing Technology), Birla Institute of Technology, Mesra • Ph.D (Materials Engineering), Department of Metallurgical Engineering and Materials Science, IIT Bombay 	<p>Magneto-electric Multiferroic Materials and applications</p> <p>Semiconductor thin films for spintronics and spin-photonic devices</p> <p>More than Moore semiconductor technology</p> <p>Lead free Relaxor Ferroelectric (Relaxors) and Magnetostrictive materials</p> <p>Geometrically Frustrated systems</p> <p>Structural, Physical, Electrical and Magnetic properties of materials</p>
16	Dr. Sabitha Mohan	Assistant Professor Senior Scale	<ul style="list-style-type: none"> • B.Sc.. (Physics), Mahatma Gandhi University, Kottayam • M.Sc. (Physics), Mahatma Gandhi University, Kottayam • Ph.D (Physics) International Max-Planck Research School-Halle Martin-Luther University, Halle-Wittenberg, Germany Researcher, Department of Physics Martin-Luther University, Halle-Wittenberg, Germany • JRF, IIT Guwahati, Assam 	<p>Nonlinear optics, Ultrafast laser Physics, Plasmonics and Optical waveguides</p>
17	Dr. Amit Awasthi	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc, HP University Shimla M.Sc (Physics), Punjabi University Patiala • Ph.D (Atmospheric Sciences), Thapar University Patiala • Post Doc., National Chiao Tung University, Hsinchu, Taiwan 	<p>Atmospheric Sciences, Aerosol Measurements and its Technology development</p>
18	Dr. Ch Nageswara Rao	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc(PCM), Andhra University M.Sc(physics), Andhra University • Ph.D, DIAT- Pune 	<p>Material Science</p>

19	Dr. Nippani Satya Krishna	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Electronics), Govt. Arts College, Rajahmundry • M. Sc. (Electronics), Govt. Arts College, Rajahmundry • Ph.D. (Science), UPES 	Solid- Ion conducting Polymer Electrolytes
20	Ankur Chowdhury	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Arch (Architecture), Govt. College of Architecture, UPTU University, Lucknow • M.Plan (Industrial Area Planning & Management), Faculty of Planning & Public Policy, CEPT University, Ahmedabad 	Urban Design, Theory of Settlements, Environmental Design
21	Dr. Archana Dhyani	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., Kumaon University Nainital • M.Sc., Kumaon University, Nainital • Ph.D, G.B. Pant University of Ag. and Technology, Pantnagar 	Theory and modeling of quantum transport in Nano-structured superconducting – quantum dot tunnel junctions
22	Dr. Thirupathaiah Pothuraju	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Sc. (PCM), Osmania University, Hyderabad • M.Sc. (Physics), Kakatiya University, Warangal, Telangana • Ph.D (Atmospheric Physics), Department of Physics, I.I.T. Roorkee • Post-Doc, Planetary Sciences Division, Physical Research Laboratory Ahmedabad, Department of Space, Government of India. 	Atmospheric and Space Physics; Ionospheric Studies; Airglow and Aurora; Space weather: solar flares, geomagnetic storms and CMEs; Planetary atmospheres: Earth, Mars and Venus; Atmospheric Dynamics: Gravity waves, Winds.

23	Dr. Kamal Preet Kaur	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (Hons.) (Physics), Guru Nanak Dev University, Amritsar, Punjab • M.Sc. (Hon.) (Physics), Guru Nanak Dev University, Amritsar, Punjab • M.Tech. (Materials Science & Engineering) Thapar University, Patiala, Punjab • Ph.D, Thapar University, Patiala, Punjab • Post Graduate Research Visiting Student under Commonwealth Fellowship at University of Manchester, Manchester, United Kingdom 	Physics and Materials Science: Composites, Rapid solidification Process, Tribological properties of Materials
24	Dr. Devendra Pal Singh	Assistant Professor	<ul style="list-style-type: none"> • B.Sc.(PCM), Dr. B. R. Ambedker University, Agra • M.Sc.(Physics), Dr. B. R. Ambedker University, Agra • M.Phil.(Physics), Dr. B. R. Ambedker University, Agra • Ph.D (Experimental Nuclear Physics), A. M. U., Aligarh 	Experimental Nuclear Physics, Atomic and Molecular Physics Quantum Mechanics, Statistical Mechanism Mathematical Physics
25	Dr. Navjot Hothi	Assistant Professor	<ul style="list-style-type: none"> • B.Sc, Himachal Pradesh University, Shimla • M.Sc (Physics), Guru Nanak Dev University, Amritsar • Ph.D Kumaun University, Nainital 	High Energy Physics
26	Dr. Sonam Mahajan Mishra	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (Hons) (Physics), Hindu College, University of Delhi. • M.Sc. (Physics), Hindu College, University of Delhi. • Ph.D. (Department of Physics and Astrophysics), University of Delhi 	Solid State Physics and Astrophysics

27	Dr. Ratnesh Kumar Pandey	Assistant Professor	<ul style="list-style-type: none"> • B.Sc (Physics) University of Allahabad • M.Sc (Physics). University of Allahabad • Ph.D, (Nanotechnology Application Centre) ,Physics Department, University of Allahabad 	Ion- matter interaction, Thin films, Nano-clusters, Modeling/Simulations, Density Functional Theory (DFT), Nanotechnology, 2D materials,
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DEPARTMENT OF CHEMISTRY				
Sr.	Name	Designation	Qualification	Specialization
1	Dr. Pankaj Kumar	Sr. Associate Professor cum Associate Dean (Planning & Monitoring)	<ul style="list-style-type: none"> • B.Sc., D. N. Degree College, Bulandshahr • M.Sc., SSVPG college, Ghaziabad • M.Phil, IIT Roorkee • Ph.D, IIT Roorkee 	Metal nanoparticles and Quantum dots, Bio- and Immunosensors, Ionic liquids and their application in bio-inorganic chemistry, Chemical sensors, Minimization of industrial wastes through their stabilization in cementitious materials, Biofuels and bioenergy
2	Dr. Shailey Singhal	Sr. Associate Professor cum HOD	<ul style="list-style-type: none"> • B.Sc., DAV College, Muzaffarnagar, CCS University, Meerut • M.Sc. (Chemistry), DAV College, Muzaffarnagar, CCS University, Meerut • Ph.D. (Chemistry), CCS University, Meerut • CSIR- NET in Chemical Sciences 	Biogas, catalysis, water purification
3	Dr. Bhawna Yadav Lamba	Associate Professor	<ul style="list-style-type: none"> • B.Sc (CBZ), H.N.B. Garhwal University • M.Sc (Organic Chemistry), H.N.B. Garhwal University • Qualified GATE • M.E (Polymer Technology), Delhi College of Engineering • Ph.D, H.N.B. Garhwal University 	Biofuels, Polymers

4	Dr. K.S.R. Murthy	Associate Professor	<ul style="list-style-type: none"> • B.Sc (Chemistry), Andhra University • M.Sc (Analytical Chemistry), Andhra University • M.S (Environmental Science), University of Strathclyde, Glasgow, UK • Ph.D. (Chemistry), Jawaharlal Nehru Technological University, Hyderabad 	Heavy metal removal from industrial effluents by adsorption, Characterization of biodiesel, Solar Energy
5	Dr. Sanjeev Kumar	Associate Professor	<ul style="list-style-type: none"> • B.Sc. (Hons.) in Chemistry, Delhi University • M.Sc. in Chemistry, Delhi University • Ph.D. in Applied Chemistry • Qualified CSIR/ JRF-NET 	Catalysis, Semiconductors, Use of nanoparticles in energy studies and fuels, Electrical, Magnetic, and Structural Properties of Nano Materials, Development of simple, mild and efficient route to control the architectures and compositions of nanoferrites, Study of effect of size and composition on the magnetic behavior of different ferrite nanocrystals, Effect of temperature and composition on the magnetic properties of ferrite nanocrystals, Gaining control on the size and morphology of various conducting polymer nanoparticles via environment friendly and low cost processes with unique electronic properties, Fabrication of new type of multifunctional nanocomposites with controllable shapes, sizes and assemblages with new and tunable properties combining the advantages of inorganic materials and organic polymers, Studying the effect of synergetic behavior of multicomponent ferrite nanoparticles on their magnetic and electronic properties.

6	Dr. Jitendra Kumar Pandey	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc. (Chemistry & Biology), Kanpur University • M.Sc. (Organic Chemistry), C.S.J.M. Kanpur University • Ph.D (Chemistry & Polymer Sciences), Pune University 	Chemistry - Organic, Nano Material Processing, Properties of Materials, Polymers & Ceramics, Energy Resources and Conversion, Corrosion Science & Technology / Materials Degradation & its Prevention, Nano Composite, Advanced Applications of Nano Technology
7	Dr. Tapas Goswami	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • BSc (Hons), PCM • MSc PCM • Ph.D (Laser Spectroscopy), IIT Kanpur • Post Doctoral Research, Stanford University, USA (2010-2011) & Michigan State University, USA 	Laser Spectroscopy
8	Dr. K Mohan Reddy	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Chemistry), Sri Venkateswara University (SVU), Tirupathi • B.Ed. (Teaching Science Methodology), Bangalore University • M.Sc. (Chemistry) (Inorganic), Bangalore University • Ph.D.(Chemistry) (Applied Science) Bangalore University • Post-Doctoral Degree - PDF, IISc, Bangalore 	Chemistry General, Organic Chemistry, Industrial Material, Inorganic Chemistry, Physical Chemistry, Spectroscopy
9	Dr. Shilpi Agarwal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B. Sc. (Chemistry), S. D. College, Muzaffarnagar • M. Sc. (Chemistry), S. D. College, Muzaffarnagar • CSIR-NET (Chemical Engineering), U.P. SLET in Chemical Engineering • Ph.D, UKTU, Dehradun 	Biodiesel, Catalysis, Water purification, Lubricity
10	Dr. Manjeet Singh	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (PCM), Purvanchal University • M.Sc. (Physical Chemistry), Purvanchal University • Ph.D. (Chemistry), IIT Varanasi 	Physical Chemistry, Materials Chemistry, Nano-chemistry

11	Dr. Sanjay Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., VBS Poorvanchal University Jaunpur • M.Sc., (Department of Chemistry), University of Allahabad • B.ed., DDU Gorakhpur University • Ph.D., CSIR-Central Salt & Marine Chemicals Research Institute-MK Bhavnagar University 	Natural Product Chemistry, Chemistry of Biopolymers, Value added products from biomass, Metal Nano particles, Biosensor, Catalysis, Bio-oil
12	Dr. Shefali Arora	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc, (Chemistry, Botany, Zoology) Garhwal University, Srinagar • M.Sc, (Chemistry-Organic), Garhwal University, Srinagar, • Ph.D, (Chemistry-Organic), Indian Institute Of Technology, Roorkee 	Ion Selective electrodes, Natural Product Chemistry, Synthesis of heterocyclic compounds and their biological activity.
13	Dr. Mamta Latwal	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (PCM), Kumaun University Nainital • M. Sc. (Chemistry), G.B. Pant University of Agriculture and Technology, Pantnagar • Ph.D, Kumaun University, Nainital 	Nano-materials, Drug Sensor, Catalysis
14	Dr. Sapna Jain	Assistant Professor	<ul style="list-style-type: none"> • B.Sc, University of Rajasthan • M.Sc (Chemistry with spl. Organic Chemistry), University of Rajasthan • Ph.D, Delhi University 	Chemistry
15	Dr. Parteek Prasher	Assistant Professor	<ul style="list-style-type: none"> • BSc. (Hons.) (Chemistry), Guru Nanak Dev University • MSc. (Hons.) (Chemistry). Guru Nanak Dev University • Ph.D (Chemistry), Guru Nanak Dev University 	Medicinal Chemistry
16	Dr. Ravi Gunupuru	Assistant Professor	<ul style="list-style-type: none"> • B.Sc.(C,P,M), Andhra University • M.Sc. (Chemistry - Inorganic Chemistry), Banras Hindu University • Ph.D (Chemical Sciences), Ac SIR-CSIR-CSMCRI, Bhavnagar 	Chemical Sciences, AcSIR-CSIR-CSMCRI, Bhavnagar

DEPARTMENT OF MATHEMATICS				
S.No	Name	Designation	Qualification	Specialization
1	Dr. Shyamal Kumar Banerjee	Senior Professor cum Associate Dean – Planning & Monitoring	<ul style="list-style-type: none"> • B.Sc., Gorakhpur University, Gorakhpur • M.Sc., Gorakhpur University, Gorakhpur • Ph.D, Banaras Hindu University, Varanasi • Post-Doctoral Research (continuing), Inter-University Center for Astronomy & Astrophysics, Pune as Visiting Associate sponsored by UGC 	Special and General Theory of Relativity and Cosmology
2	Dr. Mukesh Kumar Singhal	Associate Professor	<ul style="list-style-type: none"> • M.Sc. in Mathematics, IIT-Roorkee • Ph.D in Industrial Mathematics, IIT Roorkee 	Mathematical Modeling and Simulation, Optimization techniques, Numerical Analysis, Partial Differential Equations, and Financial Modeling.
3	Dr. Divya Ahluwalia	Associate Professor cum HOD	<ul style="list-style-type: none"> • B.Sc (PCM), Ch.Charan Singh University • M.Sc (Mathematics), H.N.B. Garhwal University • B.Ed (Mathematics), University of Jammu • Ph.D (Mathematics) Indian Institute of Technology, Roorkee 	Control Theory
4	Dr Anuj Kumar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc., M. J. P. Rohilkhand University, Bareilly • M.Sc. (Mathematics), G. B. Pant University of Agriculture & Technology, Pantnagar • Ph.D (Mathematics), G. B. Pant University of Agriculture & Technology, Pantnagar 	Reliability Analysis & optimization, Wavelet theory.
5	Dr. Mukesh Kumar Awasthi	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc.(Mathematics), Lucknow University • M.Sc.(Mathematics), Lucknow University • CSIR-JRF (NET)-Mathematical Sciences • Ph.D (Mathematics), Indian Institute of Technology, Roorkee 	Hydrodynamic Stability, Viscous Potential Flow, Heat and Mass Transfer, Reduced Differential Transform Method, Numerical Techniques

6	Dr. Pankaj Kumar Mishra	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • Graduation, Kalyan College Bhilai, affiliated to Pt. Ravishankar Shukla University Raipur • M.Sc., GBVP, Korba affiliated to Guru Ghasidas University Bilaspur • M. Phil, Periyar University, Salem • PGDCA, Makhanlal Chaturvedi University, Bhopal • Ph.D, Uttarakhand Technical University, Dehradun 	Pure and Applied Mathematics, Mathematical Modelling, Real Analysis, Nonlinear Analysis, Fixed Point Theory
7	Dr. Rk Pavan Kumar Pannala	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc., (PCM), AV College, Hyderabad • M.Sc., (Mathematics), IIT Kharagpur • Qualified CSIR-UGC NET examination • Ph.D, University of Petroleum & Energy Studies, Dehradun 	Financial Mathematics
8	Dr. Sandeep Dixit	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B. Sc., C. S. J. M. University, Kanpur, U. P. • M. Sc., Banaras Hindu University, Varanasi, U. P. • PhD, IIT (BHU, Varanasi) 	Operational matrices, Singular integral equation of Abel type
9	Dr. Girish Dobhal	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc (Physics, Chemistry & Mathematics), D.B.S.(P.G) College Dehradun • M.Sc (Mathematics), D.B.S.(P.G) College Dehradun • Ph.D, HNB Garhwal University 	Differential Geometry, Approximation Theory.
10	Dr. Sanoj Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Mathematics), Ch. Charan Singh University, Meerut • M.Sc.(Mathematics), Ch. Charan Singh University, Meerut • Ph.D.(Applied Mathematics), Department of Mathematics, Indian IIT-Roorkee 	Fluid Dynamics

11	Dr. Reshu Gupta	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (PCM), Mjp Rohilkhand University, Bareilly • M.Sc. (Mathematics) Mjp Rohilkhand University, Bareilly • Ph.D. (Fluid Dynamics), CCS University Meerut 	Fluid Organics
12	Dr Akmal Husain	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B. Sc., T. D. P. G. College, V. B. S. Purvanchal University, Jaunpur • M.Sc. (Mathematics), T. D. P. G College, V. B.S. Purvanchal University, Jaunpur • Ph.D (Mathematics), I.I.T-B.H.U, Varanasi • UGC Research Fellowship • DST- JRF 	Quasilinear System of Partial Differential Equations, Analytical and Numerical Solutions of Nonlinear Wave Problems in Gas-dynamics, Lie Group Invariance for Solutions of PDEs.
13	Dr. Amit Kumar Singh	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc (Mathematics, Physics & Chemistry), KNIPSS, Sultanpur, Dr. Ram Manohar Lohia Awadh University, Faizabad, U.P. • M.Sc (Mathematics), Banaras Hindu University, Varanasi, U.P. • Ph.D (Mathematics), Indian Institute of Technology (BHU), Varanasi, U.P. • Post-Doctoral Degree, Indian Statistical Institute, Kolkata 	Fuzzy Mathematics, Topology, OWA Operators, Differential Equations based on Numerical Methods
14	Dr. Mithilesh Singh	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., (PCM), Harish Chandra Post Graduate college, Varanasi • M. Sc., (PCM), BHU, Varanasi • Ph. D., Indian Institute of Technology, BHU, Varanasi 	Nonlinear waves in gas dynamics, Hyperbolic partial differential equations.

15	Dr. Nitin Uniyal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., DBS (PG) College, Dehradun • M.Sc. (Mathematics), DBS (PG) College, Dehradun • M.Phil. (Mathematics), Alagappa University, Tamil Nadu • Ph.D, HNB Garhwal Central University, Srinagar 	Mathematics
16	Dr. Pradeep Malik	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., C.C. S. University, Meerut • M.Sc, C.C. S. University, Meerut • Ph.D, Indian Institute of Technology, Roorkee 	Special Functions and Orthogonal Polynomials, Fractional Calculus.
17	Dr. Shweta Sachdeva	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., Chinmay Degree College, Haridwar, Ch. Charan Singh University, Meerut • M.Sc. (Mathematics), Gurukula Kangari Vishwavidyalaya, Haridwar • M. Phil, (Mathematics), Madurai Kamraj University • Ph.D, UPES 	Fixed Point Theory
18	Dr. Sangeeta Pant	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc., Kumaun University, Nainital • M.Sc. in Mathematics, Kumaun University, Nainital • Ph.D in Mathematics, G. B. Pant University of Agriculture & Technology, Pantnagar 	Multi-objective Optimization, Reliability Optimization and Evolutionary Algorithms
19	Dr. Monika Manglik	Assistant Professor	<ul style="list-style-type: none"> • B.Sc (PCM) MJP Rohilkahnd University, Barielly • M.Sc (Mathematics) HNB Gharwal University • Ph.D (Mathematics: Reliability Theory), Graphic Era University, Dehradun 	Reliability of complex systems

20	Dr. Maheshwar Pathak	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (PCM), Purvanchal University, Jaunpur • M.Sc.(Mathematics), Purvanchal University, Jaunpur • Ph.D. (Mathematics), NIT Allahabad 	Special functions, Numerical Analysis, Applied Mathematics, Computational Mathematics, Differential equations
21	Dr. Manoj Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Mathematics), Ranchi University • M.Sc.(Mathematics), Ranchi University • Ph.D (Bayesian Modeling), IIT Bombay 	Bayesian Modelling of Satellite Based data Set
22	Dr. Anurag Shukla	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc, (PCM) Chhatrapati Shahu Ji Maharaj University, Kanpur • M.Sc (Maths), IIT, Roorkee • Ph.D, IIT, Roorkee 	Controlled Theory / Dynamical Systems.
23	Dr. Mrinal Jana	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc (Hons) (Mathematics), University of Calcutta • M.Sc (Mathematics), IIT Kharagpur • Ph.D (Optimization), IIT Kharagpur 	Operations Research and Decision Making Optimization under Uncertainty, Multi Objective, Optimization, Numerical Optimization.
24	Dr. Anupam Bhandari	Assistant Professor –Senior Scale	<ul style="list-style-type: none"> • B.Sc (Physics, Chemistry & Mathematics), H.N.B. Garhwal University, Srinagar, Uttarakhand • M.Sc. (Mathematics), H.N.B., Garhwal University, Srinagar, Uttarakhand • Ph.D, National Institute of Technology (NIT), Kurukshetra 	Ferrohydrodynamics, Fluid Dynamics
25	Dr. Pratibha Joshi	Assistant Professor	<ul style="list-style-type: none"> • B.Sc., Kumaun University, Nainital • M.Sc. (Applied Mathematics), IIT Roorkee • Ph.D. (Mathematics), NIT Allahabad 	Computational Mathematics, Numerical Analysis, Applied Mathematics
26	Dr. Shshank Chaube	Assistant Professor	<ul style="list-style-type: none"> • B. Sc. (PCM), Kumaun University • M. Sc. (Mathematics), G. B. P. U. A. & T. Pantnagar 	Reliability Theory and Fuzzy Reliability Theory, Operations Research and Decision Making, Multi Criteria Decision Making

27	Ravi Kiran Maddali	Senior Lecturer	<ul style="list-style-type: none"> • B.Sc.,(Physics, Chemistry and Mathematics), Andhra University • M.Sc. (Applied Mathematics), Andhra University, Visakhapatnam • Ph.D, (Pursuing) University of Petroleum & Energy Studies, Dehradun • Diploma in Advanced Software Technology, CMC Ltd, Hyderabad 	Mathematical Modeling, Differential Equations, Theory of Games, Ant Colony Optimization, Soft Computing, Programming in MATLAB.
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DEPARTMENT FOR PROFESSIONAL COMMUNICATION & HUMANITIES

Sr.	Name	Designation	Qualification	Specialization
1	Dr. Vickram Sahai	Associate Professor cum HOD	<ul style="list-style-type: none"> • BA (Economics & Political Science), Delhi University. • PGDBA (Marketing), Graduate School of Business & Administration, Ghaziabad (now at Greater Noida). • PG Diploma (Public Relations), Bhartiya Vidya Bhawan, Mumbai. • MA (Mass Communication), Guru Jambheshwar University, Hissar. • M.Phil (Journalism & Mass Communication) • Ph.D (Management), UPES 	<p>Teaching: Business & Marketing Communication; Academic Writing</p> <p>Research: Functional Fluency (Inter-personal Communication) & Engagement</p> <p>Training: Interpersonal Communication & Managing Relationships</p> <p>General: Theatre in Education</p>
2	Suparna Ghoshal	Assistant Professor – Selection Grade cum Assistant Director – Training and Internal Communication	<ul style="list-style-type: none"> • B.Sc (V.P. Science College), Sardar Patel University • M.Sc (Dept. of Microbiology & Biotechnology), M.S. University, Vadodara 	Branding, Advertising & Communication and Media
3	Dr. Asha Kaushik	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B. Sc, Dr. B.R. Ambedkar University, Agra • B. Ed., Dr. B.R. Ambedkar University, Agra • M. A. (English), Dr. B.R. Ambedkar University, Agra • Ph.D (English), CCS University, Meerut 	Feminism, Feminist authors of Victorian Era, Contemporary Fiction and Critical Studies, social welfare and Professional Communication

4	Dr. Shalini Vohra	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.A., S.M.J.N Degree College, Haridwar, Uttarakhand • M.A., (English Literature), Kanya Gurukul, Gurukul Kangri University, Haridwar. • Ph.D. (English Literature), Gurukul Kangri University, Haridwar. • M.A. (Sociology) (Pursuing), Sri Dev Suman University, Uttarakhand 	English Literature, Professional Communication, Sociology
5	Dr. Rati Oberoi	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.A., DAV College, Hemwati Nandan Bahuguna Garhwal University • M.A. (English Literature), DAV College, Hemwati Nandan Bahuguna Garhwal University • Ph.D (English Literature), Gurukula Kangri Vishwavidyalaya 	Lexicology, Language Through Literature, Pedagogical Methods, Indian Writing in English
6	Anand Prakash Pathak	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.A. English (Hons), Ravenshaw Autonomous College, Cuttack, Orissa. • M.A. (English), Utkal University, Bhubaneswar, Orissa. • M.Phil. (English), Utkal University, Bhubaneswar, Orissa. • Ph.D (Pursuing), Uttarakhand Technical University, Dehradun, Uttarakhand 	Professional Writing, Augustan Literature, Phonetics, Indian Diaspora Literature, ELT.
7	Dr. Annapurna P. L. L.	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Com (Hons), Sri Satya Sai Institute of Higher Learning, Anantapur Campus • MA (English Literature and Language), Pt. Ravi Shankar Shukla University, Raipur, Chhattisgarh State • Ph.D, UPES 	Language Used in the Advertisements, Role of Figures of Speech in the Recall of the Advertisements

8	Dr. Jyoti Laxmi Kashyap	Assistant Professor	<ul style="list-style-type: none"> • BA, Kurukshetra University, Kurukshetra, Haryana. • MA (English Literature & Language), Kurukshetra University, • PGD (Journalism & Mass Communication), Kurukshetra University • M. Phil (English Literature), Chaudhary Devi Lal University, Sirsa, Haryana. • Ph.D, Gurukul Kangri University, Haridwar 	Literary Criticism: Theory and Practice, Indian Poetics, Indian Writing in English, Literature in Translation.
9	Dr. Pooja Gupta	Assistant Professor	<ul style="list-style-type: none"> • B.Sc. (PCM), DBS P.G College, Dehradun • MA (English), S.G.R.R P.G College, Dehradun • Ph.D (English Literature), HNB Garhwal Central University 	Communication
10	Noopur Jha	Lecturer	<ul style="list-style-type: none"> • BA (Mass Communication) (Hons.) Patna University, University (Gold Medal) • MA (Mass Communication) Banaras Hindu University • Qualified UGC-NET (Mass Communication) 	Print media, Communication Research, Media Economics, Media Management & Health Communication
11	Amit Nautiyal	Lead Trainer	<ul style="list-style-type: none"> • M. A (History), HNB Garhwal University, Dehradun, Uttarakhand • M.B.A (Marketing), Sikkim Manipal University, Manipal • Ph.D (Pursuing) in Management, Pacific University, Rajasthan 	Training & Development, Professional Communication, Customer Services, Operations and Administration

12	Pooja Khanna	Assistant Trainer	<ul style="list-style-type: none"> • B.A., Guru Nanak Girls College Ludhiana, Punjab University • MBA (Marketing), CSM Institute of Graduate Studies, TASMAC Pune • M.A. (Ancient Indian History, Culture & Archaeology), Gurukul Kangri Vishvavidyalay • B.ed, Khalsa College of Education, Guru Nanak Dev University, Amritsar 	Employability Skill, Creative Design Thinking, Thinking Skills, Presentation Skills, Communication Skills
13	Brahmleen Kaur Sabharwal	Assistant Trainer	<ul style="list-style-type: none"> • BBA, ICFAI National College • PGDBA (HRM), Symbiosis Centre of Distance Learning • MA (English) (Pursuing), UOU, Dehradun • Diploma (Creative Writing -English) (Pursuing), IGNOU 	Professional Ethics, Employability Skills, Inter personal Skills, Kinesics Training at ONGC & KIHMC, NLP techniques

CENTRE FOR INFORMATION TECHNOLOGY(CIT)

S.No	Name	Designation	Qualification	Specialization
1	Dr. Manish Prateek	Professor cum Director	<ul style="list-style-type: none"> • M.Sc (Computer Engineering) (Integrated with B. Tech.), Kursk State Technical University, Russia • Ph.D (Robotics, Dept. of Physics), L. N. Mithila University, Darbhanga, Bihar, India • Research in Manufacturing & Robotics, Memorial University of Newfoundland, Canada 	Robotics, Embedded Systems, Operating Systems, Communication Networks, Network and Data Security, Ad-Hoc Network, Image Processing and Pattern Recognition
2	Uppara Rajanikanth	Industry Fellow	<ul style="list-style-type: none"> • B.Tech Computer Science Engineering, Sri Venkateswara University, Tirupati, Andhra Pradesh • M.Tech Computer Science Engineering, JNTU University, Hyderabad, Telangana 	Embedded Systems, Real time Operating systems, Internet of Things, C, C++, Microprocessors

3	Ravi Shanker Singhal	Industry Fellow	<ul style="list-style-type: none"> • B.Tech (Electronics and Communication), Malviya National Institute of Technology, Jaipur • PGDIM (International Management), Kota Open University 	International Management
4	Dharani Kumar Talapula	Industry Fellow	<ul style="list-style-type: none"> • B. Tech (Mechanical), Sri Krishnadevaraya University, A.P • MS (Computers and Networks), Middlesex University, North London, United Kingdom 	Industrial Safety & Engineering: Safety Management, Construction Safety, HIRAC (Hazard Identification Risk Assessment & Control), EIAC (Environmental Impact Assessment & Control)
5	Pravin Dagdee	Industry Fellow	<ul style="list-style-type: none"> • Master of Computer Applications, DAVV (formerly University of Indore) • Bachelor of Science in Computer Science and Statistics, DAVV, Indore 	DevOps, Cloud Services and Data Center Operations
6	Dr. Neelu Jyoti Ahuja	Sr. Associate Professor	<ul style="list-style-type: none"> • B.Sc, Osmania University, Hyderabad-A.P • M.Tech (Information Technology), Gandhi Vidya Mandir • MBA, Madhurai Kamraj University • Ph.D (Geo-Informatics Engineering), UPES 	Artificial Intelligence, Expert Systems, Intelligent Tutoring, ICT, Cloud Computing
7	Dr. Amit Agarwal	Sr. Associate Professor cum HOD Virtualization	<ul style="list-style-type: none"> • B.Tech (Computer Science Engineering), G.B. Pant Engg. College, Pauri, Uttarakhand • M.Tech (Information Technology), Punjabi University, Patiala • Ph.D (Computer Science Engineering), Indian Institute of Technology, Roorkee 	Parallel and Distributed Computing, Grid & Cloud Computing, Cloud Security
8	Dr. Vinay Avasthi	Associate Professor	<ul style="list-style-type: none"> • B.Sc, • M.Sc (IT), • MCA, • M.Phil (Computer Science) • PhD 	Computer Science

9	Dr. Durgansh Sharma	Associate Professor	<ul style="list-style-type: none"> • B.Sc. (Electronics), Delhi University • M.Sc. (Computer Science), Maharishi Dayanand University • Masters (Computer Science), Maharishi Dayanand University • M.Tech.(Comp. Sc.) from IETE • PGDBA (IMM) • Ph.D (Computer Science) , UPES 	Image Processing, Data Analytics, Data Warehousing and Data Mining, Information Retrieval, Energy Meters, IoT, Mobile Computing, Cloud Computing, Inclusive Business Models
10	Dr. Thipendra P Singh	Associate Professor	<ul style="list-style-type: none"> • B.Sc. (PCM), Agra University, Agra • MCA, KNIT Sultanpur • M.Tech, UPTU, Lucknow. • Ph.D (Computer Science), Jamia Millia Islamia Central University, New Delhi 	Soft Computing, Machine Intelligence, Pattern Recognition
11	Dr. Ajay Prasad	Associate Professor cum HOD Cyber Platform	<ul style="list-style-type: none"> • B.Sc. (Maths, Physics, Chemistry), Osmania University, Hyderabad • M.C.A., Nagpur University, Nagpur • M.Tech. (Computer Science), Rajasthan Vidyapeeth, Udaipur. • M.Tech. (Computer Science and Engineering), Mody Institute of Technology and Science, Laxmangarh • Ph.D. (Computer Science Engineering), Sir Padampat Singhania University (JK Cements), Udaipur 	Cyber Security, Parallel and Distributed Computing, Grid & Cloud Computing, Cloud Security, Modeling and Simulation
12	Dr. G Hanumat Sastry	Associate Professor	<ul style="list-style-type: none"> • M.Sc (Computer Science), • M.Tech (Computer Science & Engineering), • Ph.D (Computer Science) 	Computer Science & Engineering/Information Technology
13	Dr. M. Venkatadari	Associate Professor cum HOD Informatics	<ul style="list-style-type: none"> • B.Tech (CSE) , • M.Tech (IT), • M.Tech (CSE) • Ph.D 	Data Structures Computer Graphics Software Engineering Artificial Intelligence Data Warehousing & Data Mining

14	Dr. Christalin Nelson	Assistant Professor – Selection Grade cum HOD Analysis	<ul style="list-style-type: none"> • B.E. (EEE), Shanmugha College of Engineering, Thanjavur • M.S. (I.T.), Bharathidasan University • M.E. (Computer Science Engineering), Karunya University, Coimbatore • Ph.D.(Pursuing) Computer Science and Engineering, Karunya University 	Object Oriented Programming, Fundamentals of Computer Programming, Data Structures, Computer Organization and Architecture, Design and Analysis of Networks, Internetworking, Data Communication and Computer Networks, Mobile Communication, C#.NET Programming, Programming in C and C++, Object Oriented Analysis and Design, Software Engineering
15	Ravi Prakash	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc (Statistics), • MCS(DRDO), • MCA, • M.Tech(CS), • PhD Pursuing 	Database Systems, Data Warehousing & Data Mining Management Information Systems, Discrete Mathematics & Graph Theory UNIX & C, Operating Systems, Distributed Database System, E-Commerce
16	Vishal Kaushik	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc, PGDCA, • M.Sc (Computer Science) • M. Tech (IT). 	Computer Science Engineering, Cryptography, Mobile Computing, E-Commerce & Web Technologies and Project Software Management.
17	Neeraj Chugh	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • M.Sc. (Industrial Instrumentation Design and Maintenance), Kurukshetra University • M.Tech.(Computer Science and Engineering) Kurukshetra University • Ph.D. (Pursuing) (CSE), Uttarakhand Technical University, Uttarakhand 	Database, Data Warehouse and Data Mining, and Mainframe domain
18	Dr. Inder Singh	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Com, • M.Sc (IT), • M.Tech (IT), • Ph.D (CSE), • Microsoft Certified Professional, IBM DB2, E-Commerce 	Data Communications and Networking, E-Business & E-Commerce, Network security, Management Information System, KM

19	Dr. Nilima Salankar Fulmare	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (CSE) Shri Guru Gobind Singhji College of Science and Technology, Nanded • M.Tech (CSE), Uttar Pradesh Technical University, Lucknow • Ph.D (Human Computer Interaction- CSE), Sir Padampat Singhania University, Udaipur 	Computer Science
20	Dr. Kamal Kumar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech. (Computer Engg.), M. M. Engg. College, Mullana, Kurukshetra University • M.Tech. (Comp. Sc. & Engg.) M.M. Engg. College Mullana, Ambala , Haryana • Ph.D (Computer Science and Engineering), Thapar University Patiala 	Wireless Sensor and Adhoc Networks, Grid Computing, Distributed Computing and Network Security
21	Dr. Susheela Dahiya	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc., Maharashi Dayanand University, Rohtak • M. Tech. (CSE), Indian Institute of Technology, Roorkee • M.C.A., Maharashi Dayanand University, Rohtak • Ph.D, IIT Roorkee 	Image Processing
22	Dr. Jagdish Chandra Patni	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech, Marathwada Institute of Technology Uttar Pradesh Technical University, Lucknow • M.Tech, Shobhit University, Meerut • Ph.D, Mewar University, Chittorgarh 	Database, Cloud Computing, Grid Computing, Interconnection Network
23	Prakash G L	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E (CSE), Bangalore University, Karnataka • M.E (CSE), Bangalore University, Karnataka • Ph.D (Pursuing) Computer Science Engineering, UPES 	Cloud data Security

24	Dr. Tanmay Bhowmik	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Hons.) in Information Technology from MCKV Institute of Engineering, West Bengal. • M. Tech. Information Technology (Specialization in Courseware Engineering) from Jadavpur University, Kolkata, West Bengal. • Ph.D, IIT-Kharagpur 	<ul style="list-style-type: none"> • Prosodic and Phonological Feature based Automatic Speech Recognition
25	Dr. Anurag Jain	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (IT), Kurukshetra University, Kurukshetra • M.Tech.(CSE), Kurukshetra University, Kurukshetra • Ph.D (Cloud Computing), Maharishi Markandeshwar University, Mullana, Ambala 	Design & Analysis of Algorithms, Theory of Computation, Data Structure, Statistical Modelling for Computer Science, Discrete Structure, Cloud Computing
26	Dr. Shamik Tiwari	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E (Computer Science & Engineering), ITM, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal • M.E (Computer Science & Engineering), IET, Dr. B. R. Ambedkar University, Agra. • Ph.D., Mody University of Science & Technology, Laxmangarh. 	Image Processing, Computer Vision, Data Analysis
27	Ajay Rawat	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • Master of Science, BITS Pilani 	Java, J2EE, Cloud Computing, Mobile Agent, Data Structure, Algorithms
28	Dr. Monit Kapoor	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Electrical Engineering - Power System) Punjabi University, Patiala • M. Tech (C.S.E) - Kurukshetra University, Kurukshetra • P.G.D.C.A – Kurukshetra University, Kurukshetra • Ph.D (Mobile Adhoc Networks), UPES 	Mobile Ad-Hoc Networks, Mobile Computing, Distributed Computing, Advanced Computer Architecture, Object Oriented Programming, Discrete Mathematics, Analytics and Optimization
29	Alind	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech CSE, Naraina College of Engineering & Technology, Kanpur, Uttar Pradesh • M.Tech, CSE, IIT Delhi 	Algorithms, Optimization

30	Sandeep Pratap Singh	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Information Technology), LNCT Bhopal, RGPV University Bhopal • M.Tech. (Computer Science & Engineering), Jaypee University of Information Technology, Waknaghat, Solan 	Wireless Networks, Image Processing, Security
31	Dr. Ved Prakash Bhardwaj	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech, University of Rajasthan • M.Tech, Jaypee University of Information Technology, HP • Ph.D, Jaypee University of Information Technology, HP 	Interconnection Networks-Architecture, Fault Tolerance in MINs, High Performance Computing
32	Anushree Sah	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Computer Science and Engineering), GEIT, Uttarakhand • M.Sc, University of Greenwich, London, UK 	Service Oriented Computing, Web Technologies, Cloud Computing.
33	Sandip Kumar Chaurasiya	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Computer Science & Engineering), IETE, New Delhi • M.E. (Computer Science & Engineering), IEST Shibpur, Howrah 	Mobile Adhoc Networks
34	Ambika Aggarwal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Information Technology), Roorkee Institute of Technology • M.Tech (Information Security & Management), Dehradun Institute of Technology, Dehradun • Ph.D (Pursuing) Uttarakhand Technical University, Dehradun 	Operating System and Cloud Computing
35	Anurag Singh Tomar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (CSE), Lakshmi Narain College of Technology Bhopal affiliated to R.G.P.V. University, Bhopal • M.Tech. (CSE with Spl. Information Security), Indian Institute of Information Technology and Management, Gwalior 	Network Security, Security Issues in Cloud, Quality of Service in Network

36	Amber Hayat	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Computer Science and Information Technology), M.J.P Rohilkhand University • M.Tech (CSE), IIT Dhanbad 	Computer Networking, Cryptography, Mobile Computing, Data Mining
37	Dhiviya Rose J	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (CSE), Manonmanium Sundaranar University • M.Tech. (CSE), Karunya University 	Web Technology, Software Agents
38	Hitesh Kumar Sharma	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc (PCM), from Gurukul Kangri University Haridwar. • M.Sc (Physics), from Gurukul Kangri University Haridwar • M.Tech (Software Engg - CSE), ITM, Gurgaon, • Ph.D (CSE), Banasthali University, Banasthali, Rajasthan • GATE Qualified 	Database, Data Analytics, Cloud Computing, E-Commerce
39	Dr. Rajeev Tiwari	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (CSE), Haryana Engineering Collage Jagadhri affiliated to Kurukshetra University • M.Tech (CSE), MMEC MULLANA affiliated to Kurukshetra University • Ph.D (CSE), Thapar University 	Design and Analysis of Algorithms, Operating System, Computer Network, Hardware Technologies, C-Programming, Data Structures, Java Programming, Computer Architecture
40	Pankaj Badoni	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Computer Science & Engineering), College of Engineering Roorkee, Uttarakhand • M.Tech (Information Technology - Human Computer Interaction), Indian Institute of Information & Technology Allahabad, Allahabad • Ph.D (Pursuing), UPES 	Computer Graphics, Digital Image Processing, Human Computer Interaction, Mainframe Technologies

41	Ravi Tomar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech, Shree Ganpati Institute of Technology, Lucknow • M.Tech, Jodhpur National University, Jodhpur • Ph.D (Pursuing) UPES 	Image Processing, Wireless Networks, VANET, Analytics, Digital Marketing, JAVA, J2EE, IoT
42	Dr. Piyush Chauhan	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Information Technology), IEET, Himachal Pradesh University, HP • M.Tech (CSE), Jaypee Univeristy of Information Technology • Ph.D (CSE), Jaypee University of Infromation Technology 	Computer Science Engineering, Information Technology
43	Dr. Kingshuk Srivastava	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc (Physics), C.M. Science College, Darbhanga, • M.Sc (Physics - Electronics), C.M. Science College, Darbhanga, • M.Tech (Petro-informatics), UPES, Gurgaon, • Ph.D (Data Warehousing, Cloud Computing, Data Mining), UPES 	Computer Science
44	Abhijit Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Computer Science & Engineering), Lakshmi Narain College of Technology, Bhopal affiliated with Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal. • M.Tech. (Computer Science & Engineering), Maulana Azad National Institute of Technology, Bhopal • Ph.D. (Pursuing), (Computer Science & Engineering), IIT Patna 	Natural Language Processing, Big Data Analytics, Machine Learning, Theoretical Computer Science
45	Anil Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E (Information Technology), RIT Raipur. • M.E (Software Engineering), Birla Institute of Technology, Mesra(Ranchi). 	Digital Image Processing, Data Mining

46	Ankit Khare	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Information Technology), RGPV Bhopal • M.Tech (Computer Science Engineering), JUIT, Wagnaghat • Ph.D(Pursuing) Computer Science Engineering, UPES 	Internet of Things, Open Source & Open Standards, Database Management Systems
47	Chandra Prakash	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (IT), Indian Institute of Information Technology and Management, Gwalior • M.Tech (IT), Indian Institute of Information Technology and Management, Gwalior • Ph.D (CSE) [Pursuing], Malaviya National Institute of Technology, Jaipur 	Machine Learning, Gait Analysis, Deep Learning, Biometrics, Pattern Recognition
48	Ankur Dumka	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech, Gurukul Kangri University • M.Tech, Uttarakhand Technical University, Dehradun • Ph.D (MPLS), Uttarakhand Technical University, Dehradun 	Computer Science Engineering: Networking, Software Designing, Computer Programming
49	Nitin Arora	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech (C.Sc), MNNIT Allahabad • M.Tech (C.Sc), G. B. Pant Engineering College, Pauri, Uttarakhand • Ph.D (Pursuing), Uttarakhand Technical University, Dehradun 	Data Structures & Algorithms, Theory of Computation
50	Tanmay Bhowmik	Assistant Professor-Senior Scale	<ul style="list-style-type: none"> • B.E. (Hons) (Information Technology), MCKV Institute of Engineering, West Bengal. • M.Tech. (Information Technology spl. in Courseware Engineering), Jadavpur University, Kolkata, West Bengal. • Ph.D (Pursuing), IIT Kharagpur 	Prosodic and Phonological Feature based Automatic Speech Recognition

51	Varun Sapra	Assistant Professor-Senior Scale	<ul style="list-style-type: none"> • B.Sc (Non Medical), Kurukshetra University • M.Tech (SE), PDM College of Engineering, Affiliated to MDU Rohtak. • Ph.D (Pursuing), Jagannath University, Jaipur 	Machine Learning and Web Applications
52	Dr. Rashmi Sharma	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc (Hons.) (Computer Science), Banasthali University, Rajasthan • M.Sc (Computer Science), Banasthali University, Rajasthan • M.Tech (Computer Science), Banasthali University, Rajasthan • Ph.D (Real Time Distributed System), Jaypee University of Information Technology 	Real Time & Distributed Systems, Data Structure
53	Sunil Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (CSE), SKIET, Kurukshetra University, • M.Tech (CSE), M.M. University, Mullana, Ambala 	Computer Science
54	Amrendra Nath Tripathi	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech (I.E.T), Dr. R.M.L Avadh University, Faizabad, (U.P) • M.Tech, MNNIT ALLAHABAD 	Design And Analysis Of An Algorithms, Cloud Computing, Fault Tolerant Computing, Advaced Computer Architecture
55	Shubhi Sharma	Assistant Professor-Senior Scale	<ul style="list-style-type: none"> • B. Tech, RIT Roorkee, Uttrakhand Technical University • M. Tech, IIIT Jabalpur, PDPM IIITDM Jabalpur 	Machine learning, Biomedical Image Processing
56	Bhagwant Singh	Assistant Professor	<ul style="list-style-type: none"> • B.E. (Electronics & Communication Engineering), University Institute of Engineering & Technology Chandigarh • M.Tech (Geographic Information System & Remote Sensing), Motilal Nehru National Institute of Technology Allahabad • Ph.D (Pursuing) Spatial search algorithm,UPES 	GIS Technologies, Principle of Remote Sensing, Database Management System, Digital Electronics

57	Ch. Prem Kumar	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science Engineering), JNTUH, College: MIST, Telangana State. • M.Tech (Computer Science Engineering), JNTUH, College: NIET, Telangana State. • Ph.D. (Pursuing) (Wireless Sensor Networks), UPES 	Wireless Sensor Networks, Mobile Ad-hoc Networks, Semantic Web & Social Networks
58	Abhishek Pandey	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science & Engineering), Institute of Technology & Management, Gorakhpur • M.E (Automated Manufacturing System), Birla Institute of Technology, Mesra, Ranchi • Ph.D (Pursuing) (Computer Science & Engineering), Birla Institute of Technology, Mesra, Ranchi 	Data Structure, Computer System Architecture, Information Technology (EEE Branch)
59	Hukam Singh Rana	Assistant Professor	<ul style="list-style-type: none"> • B.Sc • M.Sc , (Mathematics, BHU Varanasi), • M.Tech (Computer Science & Data Processing - IIT Kharagpur) 	Operating System Object-Oriented Programming Compiler Construction & Programming Languages Advanced Computer Organization Internet working technology Database Management System
60	Niharika Singh	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication), Gautam Buddh Technical University, UP • M.Tech (Artificial Intelligence & Artificial Neural Networks), UPES 	Information Technology, Artificial Intelligence, Artificial Neural Networks
61	P. Srikanth	Assistant Professor	<ul style="list-style-type: none"> • B.Tech(IT) • M.Tech (Parallel Computing) 	Distributed & Parallel Computing
62	Poonam Kainthura	Assistant Professor	<ul style="list-style-type: none"> • BE (Computer Science), Banasthali Vidyapith, • ME (Computer Science), Banasthali Vidyapith, • Software Engg., Banasthali Vidyapith 	Computer Science Engineering: Oil & Gas Informatics, GIS

63	Roohi Sille	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Biomedical Engineering), Bundelkhand University • M.Tech (Artificial Intelligence & Artificial Neural Networks) UPES, Dehradun • Ph.D (Pursuing), UPES 	Artificial Intelligence & Artificial Neural Network
64	Vishwas Rathi	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science & Engineering), NIT Patna • M.Tech (Computer Science & Engg), MNNIT Allahabad 	Machine learning
65	Ankit Vishnoi	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science), U.P. Technical University • M.Tech (Computer Science), Gautam Buddha Technical University, Lucknow 	Mobile Computing, Computer Networks, Multimedia Systems, Database, Cloud Computing
66	Bhupendra Singh	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science & Engineering), Kumaon Engineering College, Dwarahat, Uttarakhand • M.Tech (Information Technology), Indian Institute of Information Technology, Allahabad 	Image Processing, Microcontrollers and Embedded System
67	Ruchika Saini	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science), Suresh Gyan Vihar University • M.Tech (Software Engg.), Suresh Gyan Vihar University • Ph.D (Pursuing), UPES 	Software Engineering
68	Juhi Agarwal	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (IT), Lovely Professional University, Punjab. • M.Tech (IT), Graphic Era University, Dehradun 	Semantic web technology
69	Sheetal Bisht	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), College of Engineering Roorkee, Uttarakhand • M.Tech (CE), Govind Ballabh Pant University of Agriculture and Technology, Udham Singh Nagar, Uttarakhand • Ph.D (Pursuing), UPES 	Spatial Data Mining

70	Jatin Sethi	Assistant Professor	<ul style="list-style-type: none"> • B.E. (CSE), RGPV Bhopal • MS (Cyber Law & Information Security), IIIT Allahabad • Ph.D (Pursuing), UPES 	Information Security Management System, Data Privacy, Payment Card Information Security, IT Governance
71	Sachi Choudhary Shukla	Assistant Professor	<ul style="list-style-type: none"> • B.E.(Computer Science), Chhattisgarh Swami Vivekanand Technical University, Bhilai • M.Tech (Computer Science), Chhattisgarh Swami Vivekanand Technical University, Bhilai • Ph.D (Pursuing) (Artificial Intelligence), UPES 	• Artificial Intelligence
72	Himanshu Sahu	Assistant Professor	<ul style="list-style-type: none"> • B.Tech, University of Allahabad • M.Tech, MNNIT Allahabad • Ph.D (Pursing), UPES 	Computer Networks and Network Security.
73	Amit Verma	Assistant Professor	<ul style="list-style-type: none"> • B.Tech, Uttar Pradesh Technical University, Roorkee • M.Tech, Punjab University 	Information Technology & Computer Science
74	Harvinder Singh	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), Kurukshetra University, Kurukshetra • M.Tech (CSE), Kurukshetra University, Kurukshetra • Ph.D (Pursuing) (CSE), Kurukshetra University, Kurukshetra • UGC-NET qualified in Computer Science 	Cloud Computing, Telecom Informatics, Operation Support System & Business Support System in Telecommunication Networks, Software Project & Quality Management.
75	Kamalpreet Singh	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science Engineering), Guru Nanak Engineering College, Ludhiana • M.Tech (CSE and Information Security), PEC University Of Engineering and Technology, Chandigarh 	Cloud Computing, Big Data and Hadoop
76	Aradhana Kumari Singh	Assistant Professor	<ul style="list-style-type: none"> • B.E. Chhattisgarh Swami Vivekanand Technical University, Bhilai C.G. • M.E. Chhattisgarh Swami Vivekanand Technical University, Bhilai C.G. • Ph.D (Pursuing), UPES 	Image Processing

77	Deepak Kumar Sharma	Assistant Professor	<ul style="list-style-type: none"> • B.E. (Computer Engineering), Sankalchand Patel College of Engg. • M.Tech (Computer Science & Engineering), Jaypee University of Information Technology 	Data Mining & Data warehousing , Intrusion Detection Systems, Big data Analysis
78	Saurabh Shanu	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), ICFAI University, Dehradun, Uttarakhand. • M.Tech (Artificial Intelligence and Artificial Neural Networks), UPES 	Computational Sustainability, Gaming and Graphics, Automation, Image Processing, Game Theory, Theory of Computation, VB.Net
79	Richa Choudhary	Assistant Professor	<ul style="list-style-type: none"> • B. Tech(IT) Kurukshetra University, Kurukshetra • M. Tech(CS) Kurukshetra University, Kurukshetra 	DBMS, Computer Networking, advanced data structures, software application development Data mining and data warehousing
80	Amar Shukla	Assistant Professor	<ul style="list-style-type: none"> • B.E (Computer Science Engineering), Chhattisgarh Swami Vivekananda Technological University Bilai. • M.Tech (Artificial Intelligence and Artificial neural Networks),UPES 	Machine learning, artificial intelligence, Computer Vision.
81	Apurva Gupta	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), Vidya College of Engineering, Meerut • M.Tech (CSE), Shiv Nadar University, Uttar Pradesh 	Computer Networking, Image Processing
82	Alok Jhaldiyal	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CS), University of Rajasthan • M.Tech (Remote Sensing & GIS), Indian Institute of Remote Sensing, ISRO 	Remote Sensing, Geo-informatics, GIS and Satellite Image Processing
83	Anurag Tiwari	Assistant Professor	<ul style="list-style-type: none"> • B.Tech, Uttar Pradesh Technical University (UPTU) • M.Tech, Indian Institute of Information Technology, Allahabad 	Machine Learning and Computer Network
84	Shahina Anwarul	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (C S E), Dr. Ambedkar Institute of Technology, Kanpur • M.Tech (Information Security), MNNIT, Allahabad 	Image Processing, Cryptography and network security

85	Deepa Joshi	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), UTU Dehradun • M.Tech (CE), COT Pantnagar 	Image Processing
86	Avita Katal	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science Engineering), Model Institute of Engineering and Technology, University of Jammu, J&K • M.Tech (Computer Science Engineering), Graphic Era University, Dehradun, • Ph.D (Pursuing) Engineering-Computers, UPES 	Mobile Ad Hoc Networks, Virtual Machine and Scheduling in Cloud Computing
87	Vidyanand Mishra	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), Technocrats Institute of Technology • M.Tech (Information Security), MNNIT Allahabad 	Genetic algorithm, PSO optimization, Cloud computing.
88	Ankita Shukla	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), Maharana Pratap Engineering College, Kanpur(GBTU) • M.Tech (Software Engineering), MNNIT, Allahabad 	Multi objective optimization, software engineering, Natural language processing, Artificial Intelligence
89	Monika Rabha	Assistant Professor	<ul style="list-style-type: none"> • B.E. (Computer Science & Engg.), Jorhat Engineering College, Dibrugarh University, Assam • M.Tech. (Information Systems), (Dept. of CSE), Delhi Technological University (formerly Delhi College of Engineering) 	Digital Image Processing
90	Kalpana Rangra	Assistant Professor	<ul style="list-style-type: none"> • B.Tech, Himachal Pradesh University • M.Tech, Himachal Pradesh University 	Data Mining
91	Sumit Kumar	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Information Technology), Shobhit University, Meerut, Uttar Pradesh • M.Tech (CSE), Lovely Professional University, Phagwara, Punjab • Qualified CBSE UGC NET 	Computer Organization and Architectures, Network Security and Cryptography

92	Shelly	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), Jind Institute of Engineering and Technology, Jind (Haryana) • M.Tech (IT). YMCA University of Science and Technology, Faridabad 	Data Engineering: Semantic Similarity
93	Pardeep Singh	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science), Kurukshetra University • M.Tech (Computer Science Engg.) Punjab Technical University, Jalandhar • Ph.D (Pursuing) DCS, Punjab University 	Java, Genetic Algorithm, Cloud Computing
94	Amitava Choudhury	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Information Technology), West Bengal University of Technology, West Bengal • M.Tech (Information Technology - Spec. CWE), Jadavpur University, Kolkata, West Bengal • Ph.D (Pursuing), Indian Institute of Engineering Science and Technology, Shibpur, West Bengal 	Digital image processing; Simulation of Magnetic mechanical Microstructure
95	Mitali Chugh	Assistant Professor	<ul style="list-style-type: none"> • MCA Indira Gandhi National Open University • M.Tech (Computer Science and Engineering), Uttarakhand Technical University, Dehradun • Ph.D (Pursuing) (Computer Science Engineering), Uttarakhand Technical University, Dehradun 	Software Process Improvement, Knowledge Management.
96	Arjun Arora	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (IT), Uttranchal University, Dehradun • M.Tech (CSE), Machine Learning; Artificial Intelligence, Uttranchal University, Dehradun • Ph.D (CSE) [Pursuing], Cloud Computing; Vehicular Adhoc Networks, Amity University Noida 	Cloud Computing; Vehicular Adhoc Networks

97	Bhupesh Deewangan	Assistant Professor	<ul style="list-style-type: none"> • B.E. (Computer Science & Engineering), Pandit Ravishankar Shukla University, Raipur CG • M.Tech. (Computer Science & Engineering), Chhattisgarh Swami Vivekanand Technical University, Bhilai CG • Ph.D (Pursuing) (Computer Science & Engineering), UPES 	Software Engineering, Software Testing, Cloud Computing
98	Keshav Kaushik	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (CSE), University Institute of Engineering and Technology, Maharshi Dayanand University, Rohtak • M.Tech (Information Technology), YMCA, University of Science & Technology, Faridabad, Haryana 	Information Technology
99	Gunjan Chhabra	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science Engineering), Punjab Technical University • M.Tech (Artificial Intelligence & Artificial Neutral Network), UPES 	Computer Science Engineering, Artificial Intelligence & Artificial Neural Network, Fundamentals of Computers & its Application
100	Prashant Rawat	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Computer Science), Lovely Professional University • M.Tech (Computer Science), London Metropolitan University, England 	Mainframe Technology, User interface
101	Saurabh Jain	Assistant Professor	<ul style="list-style-type: none"> • B.E.(Information Technology) Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal • M.Tech(Information Security) MANIT Bhopal 	Information & Network Security, Computer Networks
102	Shashank Gupta	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Information Technology), BIET Jhansi • M.Tech (Software Engineering), MNNIT Allahabad 	Data Structure & Algorithms, Numerical Optimization, Database Management System, Software Engineering
103	Tripti Misra	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Information Technology) • M.Tech (Information Technology) 	Software Engineering

104	Gaytri	Assistant professor	<ul style="list-style-type: none"> • B.Tech (Computer Engineering), • M.Tech (Computer Science & Engineering) 	Cyber Security
105	Rohit Srivastava	Assistant Professor	<ul style="list-style-type: none"> • B.E (Computer Science Engineering), Rajasthan University • M.Tech (Computer Science Engineering), J.N.U., Jodhpur, • Ph.D (Pursuing) (Computer Science Engineering) , Sir Padampat Singhania University , Udaipur 	Compiler Design, Design of Language Processors, Data Structure, Parallel Processing, Big Data
106	Amit Singh	Assistant Professor	<ul style="list-style-type: none"> • B.Tech., Uttar Pradesh Technical University, Lucknow • M.Tech, Birla Institute Technology, Mesra, Ranchi • Ph.D (Pursuing), Central University of Rajasthan, Ajmer 	Network Coding in Wireless Ad-hoc Networks
107	Gagan Deep Singh	Senior Lecturer	<ul style="list-style-type: none"> • BCA (Computer Science), IGNOU • M.Sc. (Computer Science), VM-DU • M.Phil (Computer Science), TGO U • HDSE (Honours Diploma in Software Engineering, APTECH • ACEP (Aptech Certified E-commerce Professional), APTECH • Ph.D (Pursuing), (Computer Science), UPES 	Systems Optimization & performance ; Computer networks
108	Glen Bennet Hermon	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech. (Information Technology), Karunya University, Coimbatore • M.Tech. (Artificial Intelligence & Artificial Neural Networks), University of Petroleum and Energy Studies • Ph.D (Pursuing), UPES 	Information Technology, Artificial Intelligence & Artificial Neural Networks

109	Madam Chakradar	Doctoral Research Fellow	<ul style="list-style-type: none"> • BTech (Electronics & Instrumentation Engg.), RGM CET, affiliated JNTU Anantapur, AP • M.Tech (Robotics Engg.) University of Petroleum & Energy Studies, Dehradun • Ph.D (Pursuing) (Computer Science), UPES 	Electronics, Instrumentation & Robotics
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DEPARTMENT OF PETROLEUM ENGINEERING & EARTH SCIENCES

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Sudip Kr. Saha	Distinguished Professor	<ul style="list-style-type: none"> • B.Sc., BCKVV, West Bengal • M.Sc., Indian Agricultural Research Institute, New Delhi • Ph.D, Indian Agricultural Research Institute, New Delhi 	Geoinformatics Technology & Applications
2	Dr. Dharmendra Kumar Gupta	Professor cum HOD	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering), University of Pune • M.E. (Analysis & Design of Process Equipment's), NIT Allahabad • Ph.D (Drilling Engineering), UPES 	Drilling engineering (both onshore & off shore) Well bore Stability, Well control, Geomechanics & Hydro fracturing
3	Dr. Pushpa Sharma	Professor	<ul style="list-style-type: none"> • B.Sc , Agra University • M.Sc (Chemistry), Agra University • Ph.D (Physical Chemistry), Agra University 	Reservoir Engineering (Petrophysical Studies, Reserve estimation EOR, Reservoir Simulation and modelling, E- facies and Reservoir characterization)
4	Somnath Banerjee	Industry Fellow	<ul style="list-style-type: none"> • B.Tech (Electrical and Electronics Engineering), BITS, Pilani • Ph.D (Pursuing), UPES 	Well Logging
5	Dr. Satish Kumar Nanda	Adjunct Professor	<ul style="list-style-type: none"> • B.E (Science & Maths), • M.Sc. (Organic Chemistry) • Ph.D (Polymers) 	Hydrocarbon Reservoir Monitoring for Effective Exploration and Exploitation, Field Planning /Development, Evaluation of Enhanced Oil Recovery Techniques, Core and PVT Analysis, Analysis of Sick/Depleted Oil and Gas Reservoirs, IOR / Work Over Operations

6	Dr. Mandira Agarwal	Sr. Associate Professor	<ul style="list-style-type: none"> • B.Sc. (Hons) (Geology), Guwahati University, Guwahati, Assam • M.Tech. (Applied Geology), University of Roorkee, Roorkee, Uttarakhand • M.Phil. (Geo Environment), North Eastern Hill University, Shillong, Meghalaya • Ph.D, (Geo Environment), North Eastern Hill University, Shillong, Meghalaya 	Petroleum Geology, Petroleum Exploration, Applied Geology, Oil Field Asset Management, Upstream Asset Management, Economics and Risk Management in Exploration, Mining Geology
7	Dr. Pankaj Kumar Srivastava	Sr. Associate Professor	<ul style="list-style-type: none"> • B.Sc, University of Allahabad • M.Sc (Geology), IIT Kharagpur • M.Tech (Applied Geology), IIT Kharagpur • Ph.D (Geology & Geophysics), IIT Kharagpur • Post-Doctoral Degree in Remote Sensing, University of Tokyo 	Groundwater, Remote Sensing, GIS
8	Dr. V. L. Narsimham	Associate Professor	<ul style="list-style-type: none"> • B. Sc., Andhra University, Vissakhapatnam • M. Sc., University of Pune, Pune • Ph.D, IIT Kharagpur • Post-Doctoral Fellow, Academica Sinica, Nankang, Taiwan • Executive Post Graduate Diploma in International Business, Indian Institute of 	Applications of Remote Sensing and Geographical Information Systems ; Corporate Strategies for Mining, Energy, Heavy Machinery Industries; Low value critical minerals and mining; International Business Negotiations; Cluster Business Models for Small and Medium Scale Industries; Entrepreneurship and Innovation: Creative Leadership
9	Dr. Saurabh Mittal	Associate Professor	<ul style="list-style-type: none"> • B.Sc. (Hons.) Geology, Aligarh Muslim University, Aligarh • M.Sc. (Applied Geology), Aligarh Muslim University, Aligarh • M.Tech. (Earth & Env. Sciences), IIT Kharagpur • Ph.D. (Geophysics), IIT Kharagpur 	VLF- Electromagnetic Methods, Nuclear Geophysics, Geophysical Exploration, Integrated Geophysical Research, Radon modelling, Remote Sensing and GIS, Shallow sub-surface Imaging

10	Dr. J. Devaraju	Associate Professor	<ul style="list-style-type: none"> • B.Sc., Yuvaraj College Mysore • M.Sc. (Geology), University of Mysore • M.Sc. (Diploma in Hydrogeology), University of Mysore • Ph.D (Geology), University of Mysore • Post-Doctoral Degree (Geology), IIT Roorkee 	Igneous, metamorphic and Sedimentary Petrology & Petroleum Geology Methods of petroleum exploration & Structural Geology Pedology & Remote sensing & GIS Palaeontology & Palynology Environmental Sciences & Engineering Geology Rock Mechanics & Geotechnical Engineering Surveying technique & Fluid inclusion and geochemistry
11	R. P. Soni	Adjunct Faculty	<ul style="list-style-type: none"> • B.E (Chemical Engineering) , University of Roorkee 	Offshore production operation, On shore production operations, Work over and stimulation operations, sick well analysis and remedial measures etc., Evaluation of process design for production installations both offshore and onshore, Offshore and onshore construction, Artificial lift optimization, Production equipment maintenance, Production
12	Dr. Shantanu Bhowmik	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Mining Engg.), Indian Institute of Engineering, Science & Technology, Shibpur • M.E. (Mining Engg.), Indian Institute of Engineering, Science & Technology, Shibpur • Ph.D (Engineering), Mining Engineering Bengal Indian Institute of Engineering, Science & Technology, Shibpur 	Mining Engineering
13	Dr. Uday Bhan	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc., Allahabad University • M.Sc. (Applied Geology), Allahabad University • M.Tech (Petroleum Exploration), Indian School of Mines, Dhanbad • Ph.D, UPES 	Basin Analysis, Source Rock Evaluation, Organic Geochemistry, Formation Evaluation and Well Logging

14	Ashish Aggarwal	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc (Hons) (Geology), Panjab University, Chandigarh • M.Sc (Hons). (Geology), Panjab University, Chandigarh • M.Tech (GIS & Remote Sensing), University of New South Wales, Sydney, Australia • Ph.D (Pursuing), UPES 	GIS and Remote Sensing, Geology
15	Dr. Ashutosh Kainthola	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • M.Sc. (Geology), HNB Garhwal University • Ph.D (Rock Mechanics) IIT Bombay, Mumbai. • Qualified UGC-NET 	Engineering Geology, Experimental Rock Mechanics, Landslides, Slope Stability , Tunneling, Grouting , Geohazards
16	Dr. Deepak Singh	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Sc. (Hons.) Geology, AMU Aligarh • M.Sc. Applied Geology, AMU Aligarh • M.Tech. Petroleum Exploration, IIT (ISM) Dhanbad • Ph.D. (Geoscience Engineering), UPES 	Subsurface Petroleum DataManagement, Expertise in Petrel workflow support and Studio Manager, Business process transformation, Petrophysical analysis and Seismic studies, Source Rock Evaluation
17	Vamsi Krishna Kudapa	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Chemical Engg.), Bapatla Engineering College • M.S. (Petroleum Technology), University of Teesside, United Kingdom • Ph.D. (Pursuing), UPES 	Drilling Engineering, Reservoir Engineering, Unconventional Gas Reservoirs- Shale Gas & Gas Hydrates Transfer, thermodynamics
18	Dr. Nirlipta Priyadarshini Nayak	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • M.Sc. (Geology), Utkal University, Odisha • M.Tech (Mining Engg.), NIT Rourkela, Odisha • PhD- NIT Rourkela 	Mining Engineering
19	Somenath Ganguly	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc (Hons) Geology, University of Calcutta • M.Sc (Geology), (University of Calcutta), MS Hydrologic Sciences (Boise State University, USA) • Ph.D (Pursuing), UPES 	Exploration Geology, Hydrogeology, Aqueous chemistry, Isotope Geochemistry, Coal Bed Methane, Well logging.

20	Gaurav Siddharth Gairola	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Geoscience Engineering), UPES • M.Tech (Petroleum Geoscience), IIT Bombay 	Basin Analysis and Sequence Stratigraphy, Seismic Exploration, Reservoir Characterization, Formation Evaluation, Petroleum Exploration.
21	Dr. Annapurna Boruah	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Geology), Gauhati University, Assam • M.Sc. (Petroleum Geology), The M. S. University of Baroda, Gujarat • Ph. D. (Geology), The M. S. University of Baroda 	Sedimentology, Source Rock Characterization, Well log Interpretation, Seismic Interpretation, Shale Gas, Enhance Oil Recovery Processes
22	Amit K. Verma	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Applied Petroleum Engineering), UPES • MBA (Oil & Gas Management), UPES • M.Tech (Petroleum Engineering), IIT Dhanbad (Indian School of Mines) 	Production Operations, Well Intervention & Stimulation Techniques
23	Satyajit Chowdhury	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Petroleum Engg.), Dibrugarh University • M.Tech (Pipeline Engg.), UPES • Ph.D (Pursuing), UPES 	Production Engineering
24	Srawanti Medhi	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Petroleum Engg.), Dibrugarh University • M.Tech (Pipeline Engg.), UPES • Ph.D (Pursuing), UPES 	Reservoir Engineering

DEPARTMENT OF CHEMICAL ENGINEERING

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Parichay Kumar Das	Distinguished Professor	<ul style="list-style-type: none"> • B.Sc (Hons) (Chemistry), Presidency College, Kolkata • B.Tech (Plastics & Rubber Technology), Kolkata University • Ph.D (Chemical Engineering), Indian Institute of Science, Bangalore 	Chemical Engineering: Matrix Algebra & various numerical methods, Introduction to Population Balance Modelling in particulate processes & ecology, Long-Term discourse on Fundamentals of Chemical Reaction Engineering, Deterministic Modelling & Monte Carlo Simulations of Physio- Chemical Processes, Time Scale Analysis of the chemical & fluid dynamics

2	Dr. Santosh Kumar Gupta	Distinguished Professor	<ul style="list-style-type: none"> • B.Tech (Chemical Engg), IIT Kanpur • M.S. (Chemical Engg.), University of Pennsylvania, Philadelphia, USA • Ph.D (Chemical Engg), University of Pennsylvania, Philadelphia 	Polymerization Reaction Engineering, Multi-objective Optimization using Evolutionary Techniques
3	Dr. R. P. Badoni	Distinguished Professor	<ul style="list-style-type: none"> • B.Sc. (Physics, Chemistry & Mathematics), Agra University • M. Sc. (Physics & Chemistry), Meerut University • Ph.D, Indian Institute of Petroleum, Dehradun • Post-Doctoral Fellowship, Liverpool University, Liverpool 	Petroleum refining, petrochemicals & catalysis, Green fuels including that of Hydrogen
4	Dr. Ashutosh Pandey	Professor	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), IIT Kanpur • M.Tech (Chemical Engineering), IIT Kanpur • Ph.D (Chemical Engineering), University of Massachusetts, USA 	Chemical Engineering
5	Ajay Mittal	Industry Fellow	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), S.L.I.E.T, Longowal • M.Tech (Petroleum Engineering), I.S.M, Dhanbad • Ph.D. (Pursuing), UPES 	Petroleum Engineering
6	Dr. G Gopalakrishnan	Sr. Associate Professor	<ul style="list-style-type: none"> • B.Sc (Applied Sciences), Thiagarajar College of Engineering, Madurai • M.Sc (Applied Chemistry), Anna University, Chennai • Ph.D (Heterogeneous Catalysis), Anna University, Chennai 	Heterogeneous catalysis, Catalyst development for petroleum refining, Bio-fuels

7	Dr. Vijay Parthasarthy	Associate Professor cum HOD	<ul style="list-style-type: none"> • B. Tech (Chemical Engineering), St. Peter's Engineering College, Madras University, • M.Tech (Chemical Engineering), Vellore Institute of Technology, • Ph.D (Chemical Engineering.), IIT Madras 	Chemical Engineering
8	Dr. Rajeshwar Mahajan	Associate Professor	<ul style="list-style-type: none"> • B. Tech (Chemical Engg.), • M.E (Chemical Engg), • PhD 	Chemical Engineering
9	Niteen Ramchandra Yeole	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B. Tech. (Petrochemical Engineering) • M. E. (Chemical Engineering) • Ph.D. (Pursuing) (Chemical Engineering) 	Gas Processing Technology, Heat Transfer Process, Environment Management of Hydrocarbons, Separation Process, Basics of Petroleum Refining & Petrochemicals
10	Ch Vara Prasad	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), College of Engineering, Andhra University • M.Tech (Chemical Engineering), IIT-Kharagpur. • Ph.D (Pursuing) (Chemical Engineering), JNTU, Kakinada, Andhra Pradesh 	Petroleum Refining, Particle Technology, Environmental Engineering
11	Dr. Krunal Madhukar Gangawane	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Chemical Engineering), A.I.I.S.S.M.S., University of Pune • M.Tech (Chemical Engineering), IIT Roorkee • Ph.D. in Chemical Engineering, IIT Roorkee 	CFD, Chemical Engineering
12	Bomma Ramanjaneyulu	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), Andhra University, Visakhapatnam • M.Tech (Chemical Process Synthesis & Design), Indian Institute of Technology, Chennai • Ph.D (Pursuing), Andhra University 	Chemical Engg.

13	Dr. Satish Kommoji	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Chemical Engg.), JNTU, Hyderabad • M.Tech (Chemical Engg.), SV University, Tirupati • Ph.D (Polymer Science and Engg.) IIT Delhi 	Polymer Processing, Polymer Rheology and Adsorption
14	Dr. Gopinath Margavelu	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech., (Chemical Engineering) Arunai Engg. College (Madras University), Tiruvannamalai. • M.Tech., (Industrial Biotechnology) Annamalai University • Ph.D.(Chemical Engineering) Annamalai University 	Chemical Engg. & Industrial Biotechnology
15	Dr. Murali Pujari	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B. Tech. (Chemical Engineering), G.M.R.I.T. College of Engineering, Rajam, Andhra Pradesh • M. Tech., Chemical Engineering, Andhra University, Visakhapatnam, • Ph.D(Chemical Engineering), IIT – Guwahati 	Chemical Engineering
16	Dr. Anupama Mishra	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech. (Chemical Engineering), Uttar Pradesh Technical University • M.Tech. (Chemical Engineering), IIT (BHU), Varanasi • Ph.D (Chemical Engineering), IIT (BHU), Varanasi 	Chemical Reaction Engineering, Heterogeneous Catalysis, Renewable Energy, Vehicular Pollution Control.
17	Rose Havilah Pulla	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B. Tech (Chemical Engg), • M.E (Petrochemical Engg) • PhD (Pursuing) Chemical, UPES 	Chemical Engineering

18	Dr. Adarsh Kr. Arya	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), B.I.E.T Jhansi • M.Tech (Chemical Engineering), H.B.T.I. Kanpur • M.Tech (Piping Engg.), IIT Mumbai • Ph.D, University of Petroleum and Energy Studies, Dehradun 	Optimization, Flow Assurance, Gas and Liquid Pipeline Hydraulics
19	Bhalchandra Shingan	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E (Chemical Engineering) • M.Sc (Gas Engineering & Management), University of Salford, UK • Ph.D (Purusing), UPES 	Natural Gas Engineering, Gasification & Gas to liquid Technology, Pipeline Transportation of Oil & Gas, City Gas Distribution & Pipeline Network, natural Gas Storage, Modeling & Simulation, heat Transfer Process
20	Kumargaurav Dnyaneshwar Punase	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Chemical Engg.), Laxminarayan Institute of Technology, Nagpur University • M.Tech (Chemical Engg.), IIT Roorkee • Ph.D (Purusing), UPES 	Process Design, Modelling and Simulation, Heat Transfer, Engineering Economics, Renewable Energy
21	Dr. K. S. Rajmohan	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Chemical Engg.), Bharathidasan University • M.Tech (Surface Science & Engg.), National Institute of Technology, Jamshedpur • Ph.D (Chemical Engg), IIT Madras 	Chemical Engg.
22	Dr. Nishu Goyal	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Biotechnology), Guru Gobind Singh Indraprastha University, Delhi • M.Tech (Biosciences and Bioengineering), Indian Institute of Technology Bombay • Ph.D (Chemical and Biomolecular Engineering), National University of Singapore 	Biofuels and Bioenergy, Metabolic network modeling and optimization of cellular network, Systems Biology, Non-Invasive drug delivery using nano/microparticles, Ongoing research area – Dairy wastewater treatment

23	Amit Kumar Thakur	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), BIT Sindri, Dhanbad • M.Tech. (Chemical Engineering), IIT Mumbai • Ph.D. (Pursuing), UPES 	Colloid and interfacial Science includes understanding cracking in paints and coatings, Polymerization reaction engineering, Modeling and Simulation, Multi objective optimization
24	Sukanchan Palit	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Chemical Engg), Jadavpur University, Kolkata • Master's in Chemical Engg, Jadavpur University, Kolkata • PGDM (Business Management), All India Institute of Management Studies, Chennai, • PGDM (Human Resource Development), All India Institute of Management Studies, Chennai • PGDM (Environmental Management System & ISO 14000/14001), All India Institute of Management Studies, Chennai • Ph.D, (Pursuing), University of Petroleum & Energy Studies, Dehradun 	Environmental Engineering, Multi-objective optimization, Chemical reaction engineering, Advanced oxidation processes, Ozonation
25	Dr. Rahul Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech • M.Tech, IIT - Bombay • Ph.D 	Crystallization, vapor- liquid equilibrium, modelling & simulation, heat transfer
26	Leena Kapoor	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Chemical Engg) • M.Tech (Chemical Engg) • Pursuing Ph.D, UPES 	Chemical Reaction Engineering, Mass Transfer, Heat Transfer, Fluid Mechanics and advance level courses like Modeling of Chemical Engineering Systems, Process Dynamics & Control, Process plant simulation, Transport Phenomena
27	Pranava Chaudhari	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), Harcourt Butler Technological Institute, Kanpur • Ph.D. (Thesis Submitted), IIT Kanpur 	Reactor Modeling and Simulation, Multi-objective Optimization, Genetic Algorithms

28	Giridhar Vadicharla	Assistant Professor	<ul style="list-style-type: none"> • B.E. (Hons.) (Chemical Engineering), BITS Pilani • M.E. (Chemical Engineering with Spl. Petroleum Engineering), BITS Pilani 	Thermodynamics, Heat Transfer
29	Shyam Kumar Inturi	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Chemical Engg.), • M.Tech (Gas Engg.) 	Chemical Engg.
30	G. Saradha Devi	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), ANNA University • M.Tech (Refining & Petrochemical Engineering), University of Petroleum and Energy Studies, Deharadun • Ph.D (Pursuing) (Chemical Engineering), UPES 	Refining Process Technology, Heterogeneous Catalysis, Process Modeling and Simulation, Multi-Objective Optimization.

DEPARTMENT OF MECHANICAL ENGINEERING

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Suresh Kumar	Professor cum Director (School of Mechanics, Civil & Elec Engg.)	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), National Institute of Technology, Jamshedpur • M.Tech (Management Studies), Technological Institute of Textiles & Sciences, Bhiwani • Associateship Course (Sugar Engg.), National Sugar Institute, Kanpur • M.Tech (Energy Studies), IIT Delhi • Ph.D. IIT Delhi 	Solar thermal including power plants, Refrigeration, Energy analysis of thermal systems
2	Dr Rajnish Garg	Professor	<ul style="list-style-type: none"> • B.E.in Mechanical Engineering • M.E in Metallurgical Engineering • PhD in Materials Engineering, IIT Roorkee • Post Doctorate in Materials Technology - TU Delft, The Netherlands 	Materials Engineering
3	Sharad Prakash Saxena	Industry Fellow	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), Gauhati University 	Oil & Gas
4	Dr. Pankaj Kumar Sharma	Sr. Associate Professor	<ul style="list-style-type: none"> • B.Tech • M. Tech, IIT Roorkee • Ph.D, UPES 	Renewable Energy Biomass (Gasification, cook stove), Solar

5	Dr. Shyam Pandey	Sr. Associate Professor	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering), H.C.E.T., Jabalpur • M.Tech (Industrial Metallurgy), IIT Roorkee • Ph.D (I.C. Engines), UPES 	Fluid Mechanics, Theory of Machines, Thermodynamics, Thermodynamics and Heat Transfer, Gas turbines power plants to the under-graduate and post graduate students
6	Dr. Ajay Kumar	Sr. Associate Professor	<ul style="list-style-type: none"> • B.E. Mechanical (Distinction) • M.E. Design of Process Machines MNREC, ALLD • PhD. Mechanical MNNIT, ALLD. • CEP on Vacuum Technology, IIT KGP. • CEP on Porous Media Flow, IIT BHU 	Thermal, RAC, Turbo M/C, Composites manufacturing techniques, Vacuum Technology, FEM
7	Dr. P. S.Ranjit	Associate Professor & Head (ADE)	<ul style="list-style-type: none"> • D.A.E (Automobile), State Board of Technical Education, Hyderabad • B.E. (Automobile), Shivaji University, Kolhapur • M.E. (Mechanical), University of Madras, Chennai • Ph. D (Mechanical), UPES • MIE., LMISTE., MSAE., LMCIS, C. Er. 	IC Engines & Automotive Engineering
8	Dr. Venkateswarlu Chintala	Associate Professor	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), Jawaharlal Nehru Technological University Kakinada, Andhra Pradesh • M.E. (Industrial Engg. and Management), SGSITS College of Technology & Science, Indore, Madhya Pradesh • Ph.D. (Mechanical Engg.), IIT Delhi 	Mechanical Engineering
9	Dr. G. Gouripati Sastry	Associate Professor	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering), Marathwada University, Aurangabad • M.Tech (Computer Integrated Manufacturing), NIT Warangal • Ph.D, UPES 	Production Engineering , Manufacturing Systems
10	Dr. Deepak Kumar	Associate Professor	<ul style="list-style-type: none"> • M-Tech (CAD/CAM), MNNIT, Allahabad • Ph.D (Mechanical), UPES 	CAD, CAM

11	Dr. Subrahmanyam Venkata Garimella	Associate Professor	<ul style="list-style-type: none"> • B.Sc (Mathematics, Physics & Chemistry), Andhra University, Vishakapatnam • B.Tech (Chemical Technology), Institute of Chemical Technology, Matunga, Mumbai • M.Sc (Chemistry), University of Wyoming, USA • Ph.D. (Mechanical & Materials Engineering) Florida International University, USA 	Materials Engineering, Inorganic Chemistry, Quantum Chemistry, Kinetic Dynamics, Advanced Survey of Chemical Analysis, Computational Physical Chemistry, Advanced Organic Chemistry, Physical Properties of Metallurgy, Introduction to Nano Materials, Advanced Material Thermodynamics, Solid State Physics and Chemistry, Vibrational Spectroscopy, Synchrotron Science & Engg.
12	Narayan Khatri	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering), M B M Engineering College, Jodhpur • M.Tech. (Mechanical Engineering), National Institute of Technology, Jaipur • Ph.D, (Pursuing) UPES 	Dynamics of Machines & Strength of Materials, Design; Machine & Engine components, IC Engines, Engine Testing & Alternative Fuels
13	Dr. P. Suresh Kumar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), Sri Venkateswara University, Tirupati • M.Tech (Thermal Engineering), Jawaharlal Nehru Technological University, Hyderabad • Ph.D (ICE), UPES 	Mechanical Engineering & Thermal Engineering
14	Dr. Abhay Kumar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), Bangalore University • M.Tech (Mechanical Engg.), NIT, Jamshedpur • Ph.D, IIT Kanpur 	Mechanical Engineering
15	Donga Ramesh Kumar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech. (Mechanical Engineering), • M. Tech. (Mechanical Engineering) • Ph.D, (Pursuing), UPES 	Fluid Mechanics, Computational methods in fluid mechanics and heat transfer, Heat And Mass Transfer, Engineering Mechanics, Dynamics of Machines

16	Ramesh M.	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E.(Mechanical Engineering), University of BDT College of Engineering, Kuvempu University, Karnataka • M.Tech (Maintenance Engineering), Sri Jayachamarajendra College of Engineering, Mysore, Karnataka • Ph.D, (Pursuing), UPES 	Maintenance engineering & NDT analysis, Fracture mechanics and surface coatings
17	Santosh Kumar Kurre	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering), Pt.R.S.S.U. Raipur • M.E.(Tribology & Maintenance Engg.), SGSITS Indore M.P. • Ph.D (Pursuing) UPES 	Engine tribology, biofuels, lubrication and lubricant, biolubricant, spectroscopy
18	Dr. Ashish Karn	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), IIT Delhi • MS (Mechanical Engineering), University of Minnesota Twin Cities, USA • Ph.D (Mechanical Engineering), University of Minnesota Twin Cities, USA 	Renewable Energy: Solar and Wind Energy Applications, Silt and Cavitation erosion in hydroturbines; Experimental fluid mechanics; Underwater acoustics; Gas-liquid mass transfer for environmental applications; Naval hydrodynamics; Multiphase flows: bubbles and drops; Flow Measurement; Drop Impact; Particle/Shadow Image Velocimetry; Digital image processing; Design Innovation
19	Dr. Jitendra Yadav	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Mechanical Engg.), SGSITS Indore, DAVV Indore University • M.E. (Tribology and Maintenance), SGSITS Indore, RGPV University Bhopal • Ph.D (Mechanical Engg.), MANIT Bhopal 	Mechanical vibration, Friction induced stick slip phenomenon Modeling and simulation

20	Dr. Nikhil Kumar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), Uttar Pradesh Technical University (UPTU) • M.Tech (Metallurgical & Materials Engineering) (MMED), IIT Roorkee • Ph.D (Metallurgical & Materials Engineering) (MMED), IIT Roorkee 	Fracture & fatigue, severe plastic deformation, corrosion, Transmission Electron microscopy, Electron Back Scattered diffraction
21	Ashish Kumar Gautam Saran	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech, (Mechanical Engineering), IIT Bombay • M.Tech (Mechanical Engineering), IIT Bombay 	Engineering Mechanics, Strength of Materials, Theory of Machines, Vibrations
22	Dishant Beniwal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Metallurgical Engineering), Punjab Engineering College, Chandigarh • M.Tech. (Material Science), IIT Bombay 	High Temperature Corrosion, Corrosion in nuclear energy applications (SS, Ni –alloys and Zr-alloys), Coatings and inhibitors, Electrochemical Impedance Spectroscopy
23	Jhalak	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), G. B. Pant University of Agriculture & Technology, Pantnagar • M.Tech (Corrosion Science), Materials Science and Metallurgy Department, IIT Bombay 	Mechanical failure of materials in corrosive environments
24	Ashok Kumar S.	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Mechanical Engg), • M.E. (Manufacturing Engg) 	CAD, CIM, Nano Technology, Robotics & Automation
25	Lalit	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), YMCAUST, Faridabad • M.Tech Production Engineering, IIT Delhi 	Production Engineering
26	Avani Kumar Upadhyay	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.) IIMT Engineering College, Meerut • M.Tech (Mechanical Engg.), IIT, Roorkee 	Mechanical Engineering
27	Swapnil Suresh Chandra Bhurat	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), University of Pune • Diploma (Mechanical Engg), Government polytechnic, Nashik. • M.S. (Automotive Engg), University of Hertfordshire, UK 	Automotive Engineering

28	Ram Kunwer	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), KIET • M.Tech (Industrial Tribology and Maintenance Engineering), IIT Delhi • Ph.D (Pursuing) Thermal Engineering 	Tribology Engineering
29	Suraj Shalikram Meshram	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), University of Pune • M.Tech (Mechanical Engineering), IIT Delhi 	Mechanical Engineering
30	Ravi Saini	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), RTU • M.Tech (Design Engineering), IIT Delhi 	Engineering Design
31	Rijwan Khan	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Mechanical Engg.), University College of Engg. Kota • M.Tech (Mechanics Engg.), IIT Delhi 	Engineering Mechanics
32	Kartik Jain	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering), Shri Shankaracharya College of Engineering and Technology, Bhilai, Chhattisgarh • M.Tech (Thermal Engineering), IIT Delhi 	Thermal Engineering
33	Lunu Saikia	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), Gauhati University • M.Tech (Machine Design), IIT (ISM), Dhanbad 	Machine Design
34	Deepak	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), MDU • M.Tech (Production Engineering), IIT Delhi 	Production Engineering
35	Amneesh Singla	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E (Mechanical Engineering), MDU, Rohtak • M.E (Automotive Product Development), Deakin University, Australia • Ph.D (Pursuing), UPES 	Automobile Engineering, Material Science

36	Deepak Bhardwaj	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), VTU Belgaum • M.Tech (Robotics & Automation), MDU Rohtak • Ph.D (Pursuing), UPES 	Robotics & Control, Automation, CF, FEM, Solar Energy, Mechatronics
37	Natraj Mishra	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Hons), MDU Rohtak • M.Tech., MDU Rohtak • Ph.D, (Pursuing), IIT Delhi 	Robotics, Mechatronics, Instrumentation and Control, Vibration, MATLAB/ SIMULINK
38	V Senthil Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Mechanical Engg.) Veltech / Anna University, Chennai • M.E. (Automobile Engg.), M.I.T. Campus, Anna University, • Ph.D., UPES 	Automobile Engineering, Internal Combustion Engines, Cad applications in Automotive engine design, Chassis components design, Vehicle body Engineering, In house advanced Design/ Analysis software
39	Dr. Shival Dubey	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E (Automobile Engineering), Rajiv Gandhi Technical University, Bhopal • M.Tech (Robotics Engg.), UPES • Ph.D (Robotics), UPES 	Agricultural Robotics
40	Geetanjali Raghav	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech. (Industrial & Production Engineering), Dehradun Institute of Technology • M.Tech. (Thermal Engineering), Dehradun Institute of Technology • Ph.D(Pursuing), Energy, UPES 	Solar energy, heat and mass transfer, theory of machine
41	Prashant Shukla	Assistant Professor	<ul style="list-style-type: none"> • B.E. (Mechanical Engineering), Chhatrapati Shivaji Institute of Technology, Durg • M.Tech (Design Engineering), Karunya Institute of Technology, Coimbatore • Ph.D (Pursuing), UPES 	Machine Design, Ergonomics, Renewable Energy & Solid Waste Management
42	Ishan Aggarwal	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), Kurukshetra University • M.Tech (Machine Design), NIT Kurukshetra 	CAE, Machine Design

43	Pawan Sharma	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), University of Pune • M.Tech (Thermal Engineering), Delhi Technological University 	Thermal Engineering
44	Rahul Khurana	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), YMCAUST, Faridabad • M.Tech (Production Engineering), Delhi Technological University 	Production Engineering
45	Ankita	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Mechanical & Automation), GGSIPU • M.Tech (Production Engg.), Delhi Technological University 	Production Engineering
46	Nilanjan Bharadwaj	Assistant Professor	<ul style="list-style-type: none"> • BE (Mechanical Engg.), Dibrugarh University • M.Tech (Computational Design), Delhi Technological University 	Analysis, Design , bond Graph Modelling
47	Sachin Sharma	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), HEC Jagadhari. • M.Tech (Mechanical Engineering), NIT, Jalandhar. • Ph.D (Pursuing) (Thermal Engineering), IIT(ISM), Dhandab. 	Thermal Engineering
48	Saurabh Kumar	Assistant Professor	<ul style="list-style-type: none"> • BE, Chhattisgarh Swami Vivekanand Technical University, Bilai • MTech (Design), Motilal Nehru National Institute of Technology, Allahabad • Ph.d (M.E), Submitted, National Institute of Technology, Raurkela 	Nonlinear vibration of structures, Finite element method, Functionally graded materials
49	Akash Gupta	Doctoral Research Fellow	<ul style="list-style-type: none"> • BE (Mechanical Engg.), Visvesvaraya Technological University • M.Tech (Robotics Engg.), UPES 	Robotics

50	Caneon Kurien	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), Calicut University • M.Tech (Pipeline Engg.), UPES 	Mechanical Engg.
51	Sanka Rama Venkata Siva Prasanna	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Mechanical Engg.), JNTU Kakinada • M.Tech (Pipeline Engg.), UPES 	Mechanical Engg.

DEPARTMENT OF ELECTRICAL ENGINEERING

Sr.	Name	Designation	Qualification	Area of Specialization
1	DR. KAMAL BANSAL	Professor cum Director - COES	<ul style="list-style-type: none"> • B.Tech (Electrical Engineering), MREC, Jaipur, Rajasthan University • M.Tech (Power Systems), Kurukshetra University • Ph.D (Renewable Energy Engineering), University of Petroleum & Energy Studies, Dehradun 	Electrical Engineering, Project Management, Maintenance & Operations
2	KRISHNASWAMY RAGHAVAN	Distinguished Professor	<ul style="list-style-type: none"> • B. Tech. (Chemical Engineering) IIT, Kanpur • Master of Arts in Island Studies, University of Prince Edward Island, Canada 	Renewable Energy
3	AMARNATH BOSE	Industry Fellow	<ul style="list-style-type: none"> • BE (Mechanical Engineering), Bangalore University • MS (Engineering Management), New Jersey Institute of Technology, USA 	Power Plant Engineering (Thermal & Gas Turbine Power Plant), Boilers & Plant Layout
4	RAM MOHAN SHARMA	Industry Fellow	<ul style="list-style-type: none"> • B.Tech (Electrical Engineering), G.B. Pantnagar Agriculture and Technology, Nanital 	Power Plant Maintenance, Testing & Instrumentation

5	YOGESH CHANDRA GUPTA	Industry Fellow	<ul style="list-style-type: none"> • B.Tech (Electrical Engineering), IIT, BHU • PGDM (Operation & Production Management), IMT Ghaziabad • MBA (Operation & Production Management), MK University • Ph.D (Pursuing) (Power Engineering), UPES 	Energy Systems, Energy auditing, Process optimization, Waste Heat Recovery
6	NARENDRA B SONI	Associate Professor cum HOD	<ul style="list-style-type: none"> • B.E (Electronics), Marathwada University, Aurangabad, Maharashtra • M.E (Power System Engineering), Shivaji University, Kolhapur, Maharashtra • Ph.D (Pursuing), (Smart & Micro Grid), UPES 	Electrical Power System, Renewal Energy, Energy Management & Conservation, Electromagnetic Fields
7	DR. MADHU SHARMA	Associate Professor	<ul style="list-style-type: none"> • DBE (Electrical Engineering), Govt. Engg. College, Rani Durgawati Vishwavidyalaya, Jabalpur • M.Tech.(Power System), J.R.N. RV University, Udaipur • M.Tech.(Energy Management,) Devi Ahilya University, Indore • Ph.D (Renewable Engineering), UPES 	Power system, Energy Efficiency, Energy Auditing, Renewable Energy, Solar Energy
8	DR. DEVENDER KUMAR SAINI	Assistant Professor - Selection Grade	<ul style="list-style-type: none"> • B.E. (Electrical Engineering), LIET, Alwar, University of Rajasthan • M.Tech (Electrical Engineering), Indian Institute of Technology, Roorkee • Ph.D, Indian Institute of Technology, Roorkee 	Circuit Theory, Control Systems, Robust Control, Electrical Machines, System Optimization

9	VINEET MEDIRATTA	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Electrical Engineering), Nagpur Univeristy • M.Tech (Control & Instrumentation), Janardan Rai Nagar Rajasthan Vidyapeeth University • Ph.D (Persuing) (Power Systems Engineering), UPES 	Electrical Machines , Power Distribution
10	DR. PRAVEEN GHODKE	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Chemical Engineering), Osmania University (HYD) • M.Tech (Energy Science and Engineering), National Institution of Technology, Trichy • Ph.D (Energy Science and Engineering), IIT Bombay 	Energy Studies
11	Neeraj Kumar Sharma	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electrical & Electronics Engg.), UPTU Lucknow • M.Tech (Power System), IIT Kanpur • Ph.D (Pursuing),UPES 	Electrical Power and Energy Conference
12	Dr. Vamsi Krishna Sasumana	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B Tech. (Electrical & Electronics Engineering), JNTU Hyderabad • Ph.D (Power Systems)), IIT (ISM) Dhanbad 	Electrical Engg.
13	Dr. Isaac R.	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B Tech (Electrical and Electronics Engineering), JNTU, Hyderabad, Telangana • M Tech (Electrical Power Systems), JNTU, Hyderabad, Telangana • Ph.D (Nano Technology on Electrical Applications), University of Petroleum & Energy Studies, Dehradun 	Electrical Power Systems, Electrical Power Drives, Electrical Machines, Nano Science – Superhydrophobicity

14	Ramana Manohar Reddy B	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electrical & Electronics Engineering), Bapatla Engineering College, Andhra Pradesh • M.Tech (Power Electronics & Drives), Vellore Institute of Technology • Ph.D (Pursuing), University of Petroleum & Energy Studies, Dehradun 	Electrical Engg
15	Sonal Modi	Assistant Professor	<ul style="list-style-type: none"> • B.E (Hons) (Electrical & Electronics), Malwa Institute of Technology, Indore MP • M.Tech (Energy Management), School of Energy & Environmental Studies, Indore • Ph.D (Pursuing) (Renewable Energy), UPES 	Electrical Engineering & Renewable Energy
16	Sami Rehman	Assistant Professor	<ul style="list-style-type: none"> • B.E. (Electrical Engineering), Rajasthan University, Jaipur • M.Tech (Energy Systems), University of Petroleum & Energy Studies, Dehradun • Ph.D (Pursuing) (Green Buildings), University of Petroleum & Energy Studies, Dehradun 	Renewable Energy, Energy Consultant and Green Buildings
17	Monika Yadav	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Electrical Engg.), Kurukshetra University • M.Tech (Power System/ISM), (IIT) Dhanbad • Ph.D (Pursuing) (Power System/ISM), (IIT) Dhanbad 	Power System, ISM
18	Devendra Rawat	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Electronics & Instrumentation), UPTU Lucknow • M.Tech (Control System), NIT Kurukshetra • Ph.D (Pursuing) , UPES Dehradun 	Instrumentation Control

19	Deepak Kumar	Assistant Professor	<ul style="list-style-type: none"> • B.Tech. (Electrical), Faculty of Engineering and Technology, Gurukula Kangri Vishwavidyalaya • M.Tech. (Power System Engineering), Indian Institute of Technology (ISM) – DHANBAD • Ph.D. Pursuing) UPES 	Modelling and Simulation of Photovoltaic Array Based Distributed Power System [Standalone & Grid-Tied]
20	Balaji Venkateswaran V	Assistant Professor	<ul style="list-style-type: none"> • B.E, G.K.M College of Engineering and Technology, Anna University, Chennai, Tamilnadu • M.Tech, Faculty of Engineering and Technology, S.R.M University, Chennai, Tamilnadu, • Ph.D (Pursuing) UPES 	Power Systems
21	Mainak Mukherjee	Assistant Professor	<ul style="list-style-type: none"> • BE (Mechanical Engineering) from Nagpur University • M.Tech (Energy Systems), UPES • Ph.D (To Enroll), UPES 	Energy Conservation, Power Plant Engg, Thermal Engg
22	Deepali Yadav	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Electrical & Electronics Engg.) UTU Dehradun • M.E. (Power Electronics), PEC University of Technology • Ph.D (To Enroll) 	Electrical- Power Electronics
23	Aayush Shrivastava	Doctoral Research Fellow	<ul style="list-style-type: none"> • B E (Electrical & Electronics Engineering) from R G P V, Bhopal • M E(Industrial system & Derives) fromM I T S , Gwalior • Ph.D (Pursuing) Power System Optiimization & Power Electronics 	Power System Optiimization & Power Electronics

24	Debajyoti Bose	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Chemical Engg.) from West Bengal University of Technology • M.Tech (Renewable Energy Engineering) from UPES • Ph.D (Pursuing), UPES 	Renewable Energy
25	Meenal Arora	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Electronics and Communication), Ansal Institute of Technology • M.Tech (Energy Systems, Renewable Energy), UPES, • Ph.D (Pursuing) Solar Energy, UPES, Dehradun 	Renewable & Alternate Energy

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Gowari Ramaswamy	Professor	<ul style="list-style-type: none"> • B.Sc (Physics), Madurai Kamraj University • M.Sc (Physics), Madurai Kamraj University • M.Tech (Microwave Electronics), Delhi University • Ph.D (Microwaves), Delhi University 	Microwave Electronics
2	Dr. Sushabhan Chowdhury	Sr. Associate Professor	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication Engineering), NIT, Silchar • M.Tech (Electronic Design & Technology), Tezpur Center University (Gold Medalist) • Ph.D 	Electronics & Communication
3	Dr. N. Prashanthi Kumari	Associate Professor	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication Engineering), Jawaharlal Technological University (Kakinada campus), Andhra Pradesh • M.Tech (Digital Systems and Computer Engineering) Jawaharlal Technological University (Kakinada campus), Andhra Pradesh • Ph.D, (Design and Characterization of Metamaterial Antenna for Mobile Handset), UPES 	Electronics & Telecommunications

4	Dr. Ranjan Mishra	Associate Professor	<ul style="list-style-type: none"> • M.Tech (Electronic & Communication Engineering) (Microwaves), University of Burdwan. • Ph.D (Engineering), UPES 	Telecommunication, Microstrip Antenna.
5	Dr. Rajesh Singh	Associate Professor	<ul style="list-style-type: none"> • B.Tech (Electronics and Communication), Dr. B.R Ambedkar University Agra, India • M.Tech. (Digital Communication), Rajiv Gandhi Technical University, Bhopal (Gold medalist in M.Tech, 2009) • Ph.D, UPES 	Wireless Personal Area Networks, Embedded Technologies, Robotics, Expertise in ZIGBEE Technology
6	Dr. Raj Gaurav Mishra	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E (Electronics & Instrumentation), Rajiv Gandhi Proudhyogiki Vishwavidyalaya Bhopal • M.Sc (Space Engineering), Umea University, Kiruna Campus, Sweden • Ph.D (Pursuing), UPES 	Electronics, Instrumentation, Space Engg, Rocket Science
7	Dr. Paawan Sharma	Assistant Professor Selection Grade	<ul style="list-style-type: none"> • B.E. (Electronics and communication Engineering), University of Rajasthan, Govt. Engg. College Bikaner • M.Tech. (Communication Systems), SVNIT, Surat • Ph.D, Homi Bhabha National Institute, Mumbai, IGCAR, Kalpakkam • GATE, UGC-NET, DST-ITS, DGFS 	Image Analysis, Machine Vision, Signal Processing, Model Based Design, Time Series Analysis.
8	Dr. Adesh Kumar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication Engineering), UPTU Lucknow • M.Tech (Embedded Systems Technology), SRM University, Kattankullatur Campus, Chennai • Ph.D (Engineering), UPES 	Embedded System Design, VLSI Design, FPGA and SoC Design, Wearable Technology, RToS, Microprocessors & Microcontrollers Linear Integrated Circuits

9	Dr. Mukul Kumar Gupta	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech. (Electronics and Instrumentation Engineering), M.I.T. Moradabad • M.Tech.(Control System Engineering,) VJTI Mumbai through GATE in 2008 • Ph.D, UPES 	Non Linear Dynamics and control, Robotics and Automation, Multiagent system
10	Vivek Kaundal	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication Engineering), Punjab Technical University, Jalandhar • M. Tech (Digital Communication), Uttarakhand Technical University • Ph.D, (Pursuing) UPES 	<ul style="list-style-type: none"> • ARM LPC2138, 2148, ARM STM, Personal Area Network designing, Hardware Embedded Designing, Communication Protocols (UART/I2C/SPI/One Wire) in Microcontroller/ Microprocessor, CC2500 ZIGBEE (2.4 GHz Transceiver Module)
11	Dr. Tarun Kumar	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech. (Electronics & Telecommunication), The Institution of Electronics and Telecommunication Engineers, New Delhi • M.Tech. (Communication Systems & Signal Processing), Jay Pee Institute of Information Technology, Noida • Ph.D. (Electronics & Communication Engineering), Jay Pee Institute of Information Technology, Noida 	Electronic Communication
12	Deepak Kumar	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electronics Engineering), Harcourt Butler Technological Institute, Kanpur, U.P • M.Tech (VLSI Microelectronics and Display Technologies), Indian Institute of Technology, Kanpur • Ph.D (Pursuing), UPES 	VLSI Microelectronics, Semiconductor Devices and Modeling, Solar Photovoltaic Technology, Organic Electronics with OTFT and Organic solar cell.

13	Rajarao Manda	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech. (Electronics and communication Engineering), Bapatla Engineering College, Bapatla Acharya Nagarjuna University, Guntur. • M.Tech. (Telecommunications Systems Engineering) IIT Kharagpur 	Telecommunications Systems
14	Dr. Rupendra Kumar Pachauri	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electronics and Instrumentation), UPTU Lucknow • M.Tech (Instrumentation and control), AMU, Aligarh • Ph.D (Renewable Energy), G.B. University 	Renewable Energy
15	Arpit Jain	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E.(Electronics Instrumentation & Control), (SVITS, RGPV, Bhopal, Madhya Pradesh) • M.E (Electronics Instrumentation & Control) (Thapar University, Patiala, Punjab) • Ph.D (Pursuing), (Control Engineering), UPES 	Control System Engineering: Theory & Design, Fuzzy Logic and its application in Control System, BELBIC – Brain Emotional Learning Based Intelligent Controller, Instrumentation, Measurement and Transducers
16	Roushan Kumar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electronics Engineering), VTU, Belgaum, Karnataka • M.Tech (Automotive Electronics), VIT, Vellore, Tamilnadu • Ph.D (Pursuing), UPES 	Automotive Electronics, Vehicle Infotronics, Industrial Automation, Hydraulic and Pneumatic Control using Relay logic/PLC, Measurement and instrumentation, Electronic circuits
17	Dr. Amit Kumar Mondal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electronics & Instrumentation), WBUT • M.Tech (Robotics), UPES 	Mobile Robotics, Solar PV
18	Dr. Abhinav Sharma	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication), H. N. B. Garhwal University • M.Tech. (Electronics & Communication), G.B.P.U.A. & T., Pantnagar • Ph.D (Electronics & Communication), G.B.P.U.A. & T., Pantnagar 	Electronics Communication

19	Anita	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication Engineering), Guru Jambheshwar University, Hisar • M.E. (Electronics & Communication Engineering), UIET, Punjab University, Chandigarh • Ph.D (Pursuing), UPES 	Wireless Sensor Networks, Digital Electronics
20	B. Khaleelu Rehman	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication Engineering), Jawaharlal Nehru Technological University Hyderabad • M.Tech (VLSI), Jawaharlal Nehru Technological University Hyderabad • Ph.D, (Pursuing) (VLSI Design), UPES 	VLSI Design, Data Communication Systems T.V Engineering ,Digital Logic Design, Digital Signal Processing, Electromagnetic Waves & Transmission Lines
21	Vinay Chowdhary	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Electronics & Communication), Mahaveer Institute of Science & Technology, JNTUH • M.Tech (DECS), Mahaveer Institute of Science & Technology, JNTUH • Ph.D (Pursuing), Wireless Sensor Networks – Energy Efficiency, UPES 	Embedded Systems, Signal Processing, Digital Electronics
22	Md. Salauddin	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Electronics and communication Engineering), Sree Kavitha Engineering College, Khammam Dist, Telangana • M.Tech, (VLSI system Design), Sree Kavitha Engineering College, Khammam Dist, Telangana • Ph.D, (Pursuing) (Signal Processing with VLSI), UPES 	VLSI Design, VLSI Technology and Advanced Digital system Design
23	Isha Kansal	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (ECE), Uttarakhand Technical University. • M.Tech, Guru Gobind Singh Indraprastha University, Delhi • Ph.D (Pursuing) 	Electronic Robotics

24	Varnita Verma	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Electronics & Instrumentation), Gautam Buddh Technical University, Lucknow • M.Tech (Robotics Engineering), UPES • Ph.D (Pursuing), UPES 	Robotics
25	Meera.C.S	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Electronics and Instrumentation), CUSAT • M.Tech (Robotics Engineering), UPES • Ph.D (Pursuing), UPES 	Robotics

DEPARTMENT OF CIVIL ENGINEERING

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Vikas Garg	Professor cum HOD	<ul style="list-style-type: none"> • B.E. (Civil Engineering), Amravati University • M.Tech (Water Resources Engineering), Regional Engineering College, Kurukshetra • Ph.D (Civil Engineering), National Institute of Technology, Kurukshetra 	Fluvial Hydraulics, Water Resources Management, Infrastructure safety and Management
2	Dr. Vijay Raj	Adjunct Professor	<ul style="list-style-type: none"> • B.Tech, IIT Kanpur • PG Diploma, IGNOU • Ph.D, Avadh Univ. 	Structural Engg
3	Mukesh Kumar Dubey	Industry Fellow	<ul style="list-style-type: none"> • B.E (Civil Engineering), NIT Bhopal • M.Tech (Structure), NIT Kurukshetra. • Post Graduate Diploma (Advanced Construction Management), National Institution of Construction Management & Research. 	Project Management, Construction Management, EPC Project Planning and Control, Consultancy etc
4	Subhash Chandra Gupta	Senior Associate Professor cum Associate Dean	<ul style="list-style-type: none"> • BE (Civil), • M. Tech (Stress & Vibration Analysis) • Ph.D (Pursuing) 	Structural Engg

5	Mopidevi Vijai Kishore	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Civil Engg.) Bapatla Engineering College, Nagarjuna University, Guntur, Andhra Pradesh • M.E. (Transportation Engg.), SGSITS, Indore, RGPV Bhopal. Madhya Pradesh • Ph.D (Pursuing), UPES 	Traffic Engineering, Transportation Planning
6	Durga Prasad Pandey	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Civil), KNIT, Sultanpur • M.Tech (Water Resources), IIT Delhi 	Water Resource Engineering
7	Ashish Yadav	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Civil Engg.), IIT Delhi • M.Tech (Structural Engg.), IIT Delhi 	Structural Engineering , Structural Dynamics, Concrete Technology, Building Materials
8	Rahul Silori	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Civil), G.B.Pant University of Agriculture & Technology • M.Tech (Civil), IIT Kanpur 	Environmental Engineering
9	A.N Shankar	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.E (Civil Engg.), BTU, Mysore • M.Tech (CADS), Mallad College of Engineering, Hassan, Mysore. • Ph.D (Structural Engineering), UPES 	FEM, Matrix analysis of framed structures, Optimization Techniques, Composite Structures, STAAD, E-TABS, Stability of Structures, Reliability Analysis of Structures
10	Susanta Kumar Sethy	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Civil Engg.) • M.Tech (Structural Engg.) 	Finite Element Method, RCC Design, Concrete Technology, theory of Structures, Building Materials
11	Ruchika Saini	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Tech (Civil), Gobind Ballabh Pant Engineering College Pauri • M.Tech (Civil), IIT Roorkee 	Civil, Soil Dynamics

DEPARTMENT OF HEALTH, SAFETY & ENVIRONMENT

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Nihal Anwar Siddiqui	Professor	<ul style="list-style-type: none"> • Diploma (Industrial Safety) • Post Graduate Diploma (Environmental Impact Assessment) • Ph.D (Environmental Biology) 	Environmental Science; Environmental Biology; Industrial safety; Environmental Impact Assessment; Safety Management, Occupational Health & Safety, Environmental Pollution, Env. Monitoring and control techniques.
2	Dr. Bikarama Prasad Yadav	Associate Professor	<ul style="list-style-type: none"> • B.Tech (Safety & Fire Engineering), Cochin University of Science & Technology, Kochi • MBA (Safety & Environment Management), National Institute of Management, Mumbai • M.Tech (HSE), UPES • Ph.D (Engineering/Health Safety & Environment), UPES 	Construction Safety, Hazard Identification and Risk Assessment, Safety & Fire Audits, Fire Engineering (Industrial fire protection, Fire Safety in Buildings), Process Safety Management & Accident Investigation Analysis
3	Dr. Syed Mohammad Tauseef	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.S. (Chemical Engineering- Petrochemical), Shiraz University, Shiraz, Iran • M.S. (Chemical Engineering-Process Design), Sharif University of Technology, Tehran, Iran • Ph.D. (Environmental Engineering), Pondicherry University 	Environmental Engineering & Management, Biogas Energy Production Systems, Large Scale Vermireactor Design & Operation, Use of CFD in simulation of accidents in Chemical Process Industries
4	Prasenjit Mondal	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Agricultural Engineering), Bidhan Chandra Krishi Vishwa Vidyalaya • M.Tech (Environmental Science Engineering), IIT Bombay 	Environmental Science and Engineering

5	Dr. Kanchan Deoli Bahukhandi	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Water Resource Management & Environmental Science), D.A.V. (PG College), Dehradun • M.Sc. (Environmental Science), H.N.B. Garhwal University, Srinager, Garhwal • Post Graduate Diploma (HSE), NIFS • Ph.D (Hydrochemistry), UPES 	Water Pollution, Solid Waste Management, Environmental Impact Assessment, Industrial Safety and Hazards Management, Occupational Safety, Environmental Science and Management, Medicinal and Aromatic Plants
6	Madhuben Sharma	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Water Resource Management & Environmental Science), D.A.V. (PG College), Dehradun • M.Sc. (Environmental Science), H.N.B. Garhwal University, Srinager, Garhwal • Post Graduate Diploma (HSE), NIFS • Ph.D (Hydrochemistry), UPES 	Environmental Sciences
7	P A Arun	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), College of Engineering Trivandrum • M. Tech (Industrial Safety Engineering), NIT Trichy • Ph.D (Pursuing) (Health Safety & Environment), UPES 	Advanced Safety Management, Risk Analysis, Fire Engineering
8	Akshi Kunwar Singh	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B. Tech. (Electrical Engineering), DIT University • M. Tech (HSE) UPES 	Health Safety Environment
9	Dharani Kumar K	Assistant Professor	<ul style="list-style-type: none"> • B.Tech in Civil Engineering, Kumaraguru College of Technology, Coimbatore • M.Tech in Industrial Safety & Engineering, National Institute of Technology, Tiruchirapalli 	Industrial Safety & Engineering: Safety Management, Construction Safety, HIRAC (Hazard Identification Risk Assessment & Control), EIAC (Environmental Impact Assessment & Control)
10	Venkata Krishnakanth V	Assistant Professor	<ul style="list-style-type: none"> • B.Tech • M.Tech 	Fire Engineering, Electrical Safety Engg.

11	Abhishek Nandan	Assistant Professor	<ul style="list-style-type: none"> • B.Tech. (Biotechnology), PRIST University Thanjavur, Tamil Nadu • M.Tech. (Environment Engineering & Management), Pondicherry (Central) University 	Environmental Impact Assessment & Risk Assessment, Environmental Biotechnology, Air Pollution, Waste Water Treatment, Transportation and Solid Waste Management, Immobilization & Blotting Techniques, Bio process
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DEPARTMENT OF AEROSPACE ENGINEERING

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Ugur Guven	Professor	<ul style="list-style-type: none"> • B.Sc (Aerospace Engg), Istanbul Technical University, • M.Sc (Nuclear Science & Technology), Istanbul Technical University, • Ph.D (Aerospace Engg), Capitol University (USA) 	CFD & Aerodynamics
2	Dr. Om Prakash	Sr. Associate Professor cum HOD	<ul style="list-style-type: none"> • B. E. (Aeronautical Engg), PEC University of Technology, Chandigarh • M.Tech (Flight Mechanics), Aerospace Engg., IIT Kanpur • PhD (Aerospace Engg), IIT Bombay 	Flight Mechanics, Modeling and Simulation, Parachute / Parafoil System
3	Sudhir Joshi	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E. (Aeronautical Engineering), The Aeronautical Society of India, New Delhi • M.E. (Space Engineering and Rocketry Specialization – Aerodynamics), Birla Institute of Technology, Mesra, Ranchi. • Ph.D (Pursuing) (Aerospace Engineering), UPES 	Aerodynamics and Maintenance and Overhaul Practices
4	Vijay Kumar Patidar	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.E (Aeronautical Engineering), Aeronautical Society of India, New Delhi. • M.Tech (Aerospace Engineering), Indian Institute of Engineering Madras. • Ph.D (Pursuing) (Aerospace Engineering), UPES 	Solid Mechanics, Fatigue and Fracture, Aircraft Structure and Finite Element Analysis.

5	Dr. Velidi Vss Gurunadh	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • B.Tech (Mechanical Engineering), Pondicherry University, Yanam • M.Tech (Energy Systems Engineering), UPES • Phd, Aerospace Engineering, UPES 	Fluid Dynamics, Multiphase flows, Computational methods for fluid Dynamics, Nuclear Space Propulsion
6	Dr. Rajesh Yadav	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E. (Aeronautical Engg), The Aeronautical Society of India • Ph.D (Aerospace Engg), UPES • GATE 2006 AIR 8 • GATE 2009-AIR 12 	Aerodynamics, Compressible Flows, Hypersonic Flows, Aerothermodynamics, Computational Fluid Dynamics, Numerical Simulations
7	Dr. Sudhir Kumar Chaturvedi	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.E: Aeronautical Engineering, AMAeSI, New Delhi, India • MS (by Research): RADAR Technology, IIT Madras, Chennai, India • Ph.D (Aerospace Engg.), UPES 	Aeronautical Engineering, Avionics, Remote Sensing, RADAR applications in Defence Technologies
8	Zozimus Dinesh Labana	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • B.Sc (Aeronautical Engineering), The Aeronautical Society of India, New Delhi. • MSc (Aerospace Engineering), The University of Manchester, Manchester, U.K. • Ph.D. (Pursuing) (Aerospace Engg.), UPES 	Aerodynamics, CFD, Turbulence
9	M. Raja	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B. E (Electrical and Electronics Engineering), Panimalar Engineering College, Chennai • M. E (Avionics Engineering) Madras Institute of Technology, Chrompet, Chennai, • Ph.D (Pursuing) (Aerospace Engineering), UPES 	Automatic control system, Navigation system, Avionics Data Buses integration system.
10	Vindhya Devalla	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Electronics and Instrumentation), JNTU, Hyderabad • M.Tech (Robotics Engineering), UPES • Ph.D (Aerospace Engg), UPES 	Robotics, Aerial Robotics, Embedded System, Instrumentation

11	Ramesh Kumar	Assistant Professor-Senior Scale	<ul style="list-style-type: none"> • Diploma (Mechanical Engineering), MSBTE, Mumbai • B.E. (Mechanical Engineering), Mumbai University • M. Tech (Propulsion Engineering), IIT Bombay 	Propulsion (Turbo machinery)
12	Roli Jaiswal	Assistant Professor	<ul style="list-style-type: none"> • B.Tech (Aeronautical Engineering), Gautam Buddha Technical University, Lucknow • M. Tech (Aerospace Engineering) (Flight Mechanics), Desh Bhagat University, Punjab 	Aerospace Engineering (Flight Mechanics)
13	Shikhar Purohit	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech (Aerospace), University of Petroleum and Energy Studies, Dehradun • M.E. (Space Engineering and Rocketry with specialization in Aerodynamics) BIT, Mesra, Ranchi • Ph.D (Pursuing) Aerospace, UPES 	Dynamics Airship Control
14	Aslesha Bodavula	Doctoral Research Fellow	<ul style="list-style-type: none"> • B.Tech, Jyothishmathi College of Engineering & Technology, JNTU- Hyderabad. • M.Tech, UPES 	Computational Fluid Dynamics, Numerical Simulations, External Aerodynamics

DEPARTMENT OF NUCLEAR SCIENCE & TECHNOLOGY

Sr.	Name	Designation	Qualification	Area of Specialization
1	Dr. Shivaramu	Distinguished Professor	<ul style="list-style-type: none"> • B.Sc., (PCM), Government College for Boys Mandya, University of Mysore • M.Sc. (Nuclear Physics), Department of Postgraduate Studies & Research in Physics, University of Mysore • Ph.D. (Nuclear Physics), Department of Postgraduate Studies & Research in Physics, University of Mysore 	Nuclear Radwaste Inspection Tomography, Gamma Ray Scattering Non- destructive Evaluation Studies, Electronic Structure Studies by Compton Profile Technique, Gamma Ray and Electron Interaction Cross-Section Studies, Safety and Ageing of Nuclear Reactor Concrete Structures, Public Awareness Programme on Nuclear Energy

2	Dr Prashant Shambhudayal Rawat	Associate Professor cum HOD	<ul style="list-style-type: none"> • B.Sc in Physics, • M.Sc in Physics, • PhD (Science) working as Research Scholar at Physical Research Laboratory, Gujarat University 	Experimental Atomic, Molecular & Optical Physics
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SCHOOL OF DESIGN

S. No.	Name	Designation	Qualification	Specialization
1	Soumyajit Ghosal	Professor cum Director	<ul style="list-style-type: none"> • M.Sc (Economics), University of Calcutta • PG Dip (Management), Management of Technology • Ph.D (Science), University of Calcutta 	Industrial Design, Ergonomics/ Human Factors Engineering / User Interface Design, Management of Technology & Innovation
2	Debashis Majumder	Design Fellow	<ul style="list-style-type: none"> • B.E (Mechanical Engg. Spl. Automobile Engg), • M.Des (Industrial Design- Product Design), NID Ahmedabad. • PG Certificate Course (Project Management), ICFAI University, Hyderabad • Certificate courses in ISO, Six Sigma, ITIL, MSPP etc. 	Teaching Transportation Design, Product Design, Furniture Design, Earth moving & construction Vehicle design, Military Vehicle Design, Hydraulics operated vehicle Design, Model & Prototype construction, Digital mock-up & presentations, Project scheduling & management. Team management, technical training & competency development.
3	Manas Ranjan Mishra	Associate Design Fellow cum Associate Head - PG Programs	<ul style="list-style-type: none"> • BE, Utkal University, Orissa • M.Des., Indian Institute of Technology, Delhi 	Industrial Design, Product Design, Ergonomics, Usability and HCI
4	Rakesh Sah	Associate Design Fellow cum Associate Head - UG Programs	<ul style="list-style-type: none"> • MSc. (International Business and Management for Design), The University of Salford, Manchester, United Kingdom • Post Graduate Diploma (Industrial Design), (Ceramics and Glass Design), National Institute of Design (NID), Ahmedabad, India 	Industrial Design, Strategic Design management, Craft Design and Design for social Innovation.

5	Deepak Chandra Goel	Associate Design Fellow	<ul style="list-style-type: none"> • B.A (Mass Communication) • MA (Mass Communication) • Advance Diploma (Computer Management) • Diploma (Multimedia), ALIAS Wavefront Power Animator 	Core Competencies in Education Management, Animation, Mobile, Web Development, Application, Game Development, Portal Development, Creative Designing, GUI Designing, and Project Management, Process Automation and OBP
6	Dr. Anirban Chowdhury	Assistant Professor (Selection Grade)	<ul style="list-style-type: none"> • B.Sc. (Hon's) in Physiology, University of Calcutta • M.Sc. in Human Physiology, University of Calcutta • Ph. D (Design), Department of design, IIT-Guwahati 	Usability Engineering; Interaction Design; Cognitive Ergonomics: Cognitive and Affective Engg., User Experience Design; Neuromarketing Techniques: Eyetracking & Facial EMG; Applied Ergonomics; Driver Vehicle Interaction Design; Automotive Ergonomics; Digital Human Modeling and Virtual Product / Workplace Evaluation; Design for Occupational Health and Safety.
7	Harish C. B	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Tech (Computer Science and Engineering), Chengannur Engineering College (CEC) affiliated to Cochin University of Science & Technology (CUSAT), Kerala • Master of Design (Industrial Design), Industrial Design Center (IDC), IIT Bombay 	Industrial Design, Transportation Design, Product Innovation, System Level Design, Concept Development, Lifestyle and Furniture, Consumer Electronics and Appliances, Product Illustration, Design using Renewable sources of energy, Design Research, Digital Design
8	Dr. Krishnendu Sarkar	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Human Physiology), Presidency College, Calcutta • M.Sc. (Human Physiology; Ergonomics Specialization), University of Calcutta • Ph.D. (Science), University of Calcutta 	Ergonomics/Human Factors, Cognitive Ergonomics, Industrial Design

9	Prasun Chakraborty	Assistant Professor - Senior Scale	<ul style="list-style-type: none"> • Bachelor's (Visual Arts), Govt. Collage of Art and Craft, Kolkata • Masters (Visual Arts), Govt. Collage of Art and Craft, Kolkata • PGD, National Institute of Design, Ahmadabad 	Textile Designing
10	Avimesh Sharma	Assistant Professor	<ul style="list-style-type: none"> • B.A (Arts), CCS Univeristy, Meerut • M.F.A. (Painting), CCS University, Meerut • PGD (3D Animation), MAAC (Maya academy of Advanced Cinematics), New Delhi 	3D ARTIST - Modeling, Texturing, Rendering, Animation, Game designs, Traditional Paintings Mix Media, Art & Craft

COLLEGE OF LEGAL STUDIES

S. No.	Name	Designation	Qualification	Area of Specialization
1	Dr. Tabrez Ahmad	Professor & Director	<ul style="list-style-type: none"> • B.Sc (Hons) & LL.B, A.M. University, Aligarh • LL.M (Commercial Law), A.M. University Aligarh • DIM (Marketing), IGNOU, Delhi • UGC (NET) - Law • Ph.D (Cyber Law / IPR), A.M. University Aligarh 	Business Law, Intellectual Property Law, Cyber Law, Corporate Law
2	Sampath Kumar K P	Industry Fellow	<ul style="list-style-type: none"> • BTech (Chemical Engg), Osmania University • LLB Osmania University • LLM (Intellectual Property), University of New Hampshire, Franklin Pierce Law Centre, USA • PGDIT (Int'l Trade) IIFT, New Delhi • Ph.D (pursuing) ,UPES 	Intellectual Property Laws, Energy laws, Competition Law, International Trade Laws Cyber law, Information technology, International and National Patent Prosecutions, Claim Drafting, Licensing and Litigation, Food and Drug Law
3	Sushmita Haldar	Industry Fellow	<ul style="list-style-type: none"> • BA. (LLB), National University of Juridical Sciences, Kolkata • Master's in Law (Oil & Gas), University of Aberdeen, United Kingdom 	Energy Law

4	Dr. Radheshyam Prasad	Associate Professor	<ul style="list-style-type: none"> • B.A (Hons), JNV University, Jodhpur, Rajasthan • LL.B. JNV University, Jodhpur, Rajasthan • LL.M, JNV University, Jodhpur (Rajasthan) • M.A. (Political Science), CSJM, Kanpur University • UGC (NET), December 1999 and Jun 2000 • Ph.D (Law), UPES 	Law of Crimes and Torts
5	Dr. Mamta Rana	Associate Professor	<ul style="list-style-type: none"> • LL.B., Punjab University, Chandigarh • LL.M., Punjabi University, Patiala • Ph.D., Himachal Pradesh Univ., H.P. • UGC(NET) qualified 	Family Law, Criminal Law, Intellectual Property Rights
6	Dr. Ashish Verma	Assistant Professor - Selection Grade	<ul style="list-style-type: none"> • B.Sc., St. Andrew's College, Gorakhpur University • LL.B., St. Andrew's College, Gorakhpur, University • LL.M., Gorakhpur Univ., UP • Ph.D, Gorakhpur Univ., UP 	Public International Law, Jurisprudence, Constitutional Law, Law of Evidence, Environmental Law

7	Amit Singh	Assistant Professor - Selection Grade	<ul style="list-style-type: none"> • B.Sc. (Bachelor of Science), Allahabad University, UP • LL.B. (Bachelor of Laws), Dr. R.M.L. Awadh University, Faizabad, UP • PGDLPM (Post Graduate Diploma in Labour Laws and Personnel Management), Lucknow University, UP • LL.M. (Master of Laws), Lucknow University, UP • M.Phil., Centre for International Legal Studies, School of International Studies, Jawaharlal Nehru University, New Delhi • UGC NET in LAW • Ph.D. (Registered), Centre for International Legal Studies, School of International Studies, Jawaharlal Nehru University, New Delhi) 	Public International Law, Law of International Organizations, IPR Law and Policy, WTO Law and Policy, TRIPS, Trade and Environment, Environmental Law, Human Rights, Cyber Laws, Internet Law and Policy
8	Dr. Vinita Singh Chhetri	Assistant Professor – Selection Grade	<ul style="list-style-type: none"> • UGC NET, UP SLET & JRF Qualified • M.Phil, Banasthali Vidyapith Rajasthan • Ph.D, with JRF, Indian Council of Historical Research, New Delhi 	Legal History, International Relations, Oral History
9	Dr. Sujata Bali	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • Ph.D. (Law) from H.P University • B.Com., Rajkiya Kanya Mahavidyalaya, Shimla • LL.B., Rajkiya Kanya Mahavidyalaya, Shimla • LL.M. (Corporate Laws and Governance including International Business Laws), Himachal Pradesh University (Shimla, India.) • Ph.D. (Law), Himachal Pradesh University, Shimla 	Corporate and business laws, Corporate Governance and Banking laws

10	Sam Babu K C	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.A. Political Science, Mahatma Gandhi University, Kottayam • M.A. Political Science, Madras Christian College, Chennai • LL.B, HNBSG University, Srinagar, • LL.M (Energy Laws), UPES, Dehradun • UGC-NET- Political Science International Relations/International Area Studies - (African Studies) and Human Rights & Duties 	Energy Laws - Petroleum Laws and Policy, Political Theory and Political Thought, International Relations, International Law & Human Rights, Comparative Constitutional Law & Governments, Public Administration & Public Policy
11	Dr. Azimkhan B. Pathan	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.B.A., LL.B. (Gold Medalist), SGT Amravati University, Maharashtra • LL.M. (Gold Medalist), RTM Nagpur University, Maharashtra • Ph.D. (International Environmental Law), RTM Nagpur University, Maharashtra 	Constitutional Law, Environmental Law and Jurisprudence
12	Krishna Deo Singh Chauhan	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.A.LL.B (Hon.), National Law Institute University, Bhopal • LL.M. (Intellectual Property & Technology Law), National University of Singapore • Qualified UGC-NET (Law) 	Intellectual Property & Technology Law
13	Dr. Shikha Dimri	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Com, D.A.V (P.G) College. Dehradun affiliated to H.N.B Garhwal University • LL.B, DAV (PG) College, Dehradun affiliated to HNB Garhwal University • LL.M, Kumaun University, Nainital • Ph.D, Mewar University, Rajasthan 	Property Laws, Law of Contracts, Law of Torts, Consumer Protection Laws

14	Dharmita Prasad	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.A.L.L.B, National Law University Jodhpur • LL.M, University of Johannesburg, South Africa 	International Commercial Law
15	Dr. Payel Das	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Sc. (Mathematics), Calcutta University • M.Sc. (Mathematics), IIT Kharagpur • Ph.D., IIT Kharagpur. 	Numerical Functional Analysis
16	Charu Srivastava	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.A., LL.B. (Hons.), Faculty of Law, University of Allahabad • LL.M. in Business Laws, NLSIU • UGC NET QUALIFIED • Ph.D (Pursuing), UPES 	Business Laws and Intellectual Property Rights
17	Ashutosh Tripathi	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Com, University of Allahabad, • LL.B, University of Allahabad • LL.M-NLSIU, Bangalore • Ph.D (Pursuing), NLSIU, Bangalore 	Human Rights and International Law
18	Dr. Ajit Kaushal	Assistant Professor – Senior Scale	<ul style="list-style-type: none"> • B.Com (Hons.) Accountancy, Patna University • LL.B, Campus Law Center, University of Delhi • Master in International Business Laws, National University of Singapore, Shanghai • PG Diploma in Corporate Laws & Management, IIL (Supreme Court of India), New Delhi (Chief Justice of India Programme) • Ph.D, UPES 	International Business Laws
19	Pooja Gautam	Assistant Professor	<ul style="list-style-type: none"> • B.A., LL.B., (Hons), Dr. Ram Manohar Lohiya National Law University, Lucknow • L.L.M., Dr. Ram Manohar Lohiya National Law University, Lucknow • UGC NET 	Law of Contract, Torts, Criminal Law, IPR, Human Right

20	Pushkar Anand	Assistant Professor	<ul style="list-style-type: none"> • B.A.L.L.B. (Hons), Chanakya National Law University, Patna • LL.M., Faculty of Legal Studies, South Asian University, New Delhi • UGC-NET 	International Investment Law, Public International Law, Law of Seas
21	Dr. Sandhya Kumari	Assistant Professor	<ul style="list-style-type: none"> • L.L.M., Faculty of Law, University of Delhi • PG Diploma in IPRs Law, Indian Law Institute, New Delhi • Ph.D., Faculty of Law, Delhi University, Delhi 	Labour Laws, Human Rights, Human Trafficking and Gender Rights
22	Anubhav Kumar	Assistant Professor	<ul style="list-style-type: none"> • LLB, Bharati Vidyapeeth Deemed University, Pune • LL.M., The Indian Law Institute, New Delhi • UGC NET JUNE 2012, DECEMBER 2012, JUNE 2014, DECEMBER 2014 	Criminal Law Corporate Laws
23	Dr. Priyanka Sharma Khanduja	Assistant Professor	<ul style="list-style-type: none"> • B.A., H.N.B. Garhwal University, Srinagar, Uttarakhand • M.A. (Psychology), H.N.B. Garhwal University, Srinagar, Uttarakhand • UGC-NET in Psychology • U-SET (Uttarakhand State Eligibility Test for Lectureship) • Ph.D (Psychology), H.N.B.Garhwal University, Srinagar, Uttarakhand 	Industrial & Organizational Psychology, Social Psychology, Cognitive Psychology.
24	Amit Kumar Sinha	Assistant Professor	<ul style="list-style-type: none"> • B.A. LL.B. (Hons.), Hidayatullah National Law University, Raipur, Chhattisgarh." • LL.M., South Asian University, New Delhi. • UGC - NET-JRF, June, 2011 	International Economic Law International Commercial Arbitration Public International Law

25	Shiva Priyamvada	Assistant Professor	<ul style="list-style-type: none"> • LL.B. (Hons.) National Law Institute University, Bhopal • LL.M. NALSAR University of Law, Hyderabad • NET December, 2014 • Ph.D. (pursuing) College of Legal Studies, UPES 	Taxation , Banking
26	Akanksha Singh	Assistant Professor	<ul style="list-style-type: none"> • B.A.LL.B. (Hons.), Law College Dehradun, • LL.M. National Law University, Jodhpur. 	Cyber Law and Cyber Security
27	Vandana Bakshi	Assistant Professor	<ul style="list-style-type: none"> • B.A, LL.B (Business Laws), Army Institute of Law, Mohali. • LL.M (Business Laws), National Law School of India University, Bangalore • UGC NET qualified. • Ph.D (Pursuing), UPES 	Business Laws.
28	Shubham Srivastava	Assistant Professor	<ul style="list-style-type: none"> • LL.B. (HONS.) Faculty of Law, University of Lucknow. • LL.M., National Academy of Legal Studies and Research (NALSAR), University of Law, Hyderabad • Qualified UGC- NET (twice) & JRF (2015) • Ph.D. (Pursuing), UPES 	Criminal Law
29	Puja Kumari	Assistant Professor	<ul style="list-style-type: none"> • BBA. LL.B. (Hons.) (Corporate Laws), University of Petroleum & Energy Studies, Dehradun • LL.M., National Law University, Jodhpur • CBSE-UGC NET (December, 2015) 	Corporate Laws & Labour Laws

30	Dr. Gagandeep Kaur	Assistant Professor	<ul style="list-style-type: none"> • LL.B. (Gold Medalist), Guru Nanak Dev University, Amritsar • LL.M. (Gold Medalist), Guru Nanak Dev University, Amritsar • Ph.D. (Law), Guru Nanak Dev University, Amritsar • UGC-Net Qualified 	Cyber Law, Family Law, Criminal Law, Consumer Protection
31	Debarati Pal	Assistant Professor	<ul style="list-style-type: none"> • BA.LLB (Hons.), Department of Law, University of Calcutta • LL.M, Symbiosis Law School, Pune • Ph.D (Pursuing), NALSAR University, Hyderabad 	Constitutional Law and Human Rights, Urban Law, Law and Culture
32	Ashish Jain	Assistant Professor	<ul style="list-style-type: none"> • LL.B., Faculty of Law, University of Delhi • LL.M., Faculty of Law, University of Delhi • UGC-JRF (Law) Qualified • Ph.D. (Law) (Pursuing) UPES 	Criminal, Constitutional and Personal Laws
33	Yasha Sharma	Assistant Professor	<ul style="list-style-type: none"> • B.A./LL.B. (HONS.), Dr. Ram Manohar Lohiya National Law University, Lucknow • LLM, Ch. Charan Singh University, Meerut • UGC NET (Law) – June 2014 • CBSE NET (Law) – December 2015 	LLM specialization in Commercial/ Business Law
34	Himanshu Dhandharia	Assistant Professor	<ul style="list-style-type: none"> • B.Tech. (IT), Bharati Vidyapeeth's College of Engineering, New Delhi • LLB, Campus Law Centre, University of Delhi • LLM, National law University, Jodhpur • PG Diploma in Human Rights, Indian Law Institute. 	Corporate laws, Family laws and Constitutional law

35	Priyanka Choudhary	Assistant Professor	<ul style="list-style-type: none"> • B.A. LL.B. (Hons.) (Business & Intellectual Property Laws), Rajiv Gandhi National University of Law, Patiala. • LL.M. (Intellectual Property & Corporate Laws), Indian Law Institute, New Delhi. • Qualified CBSE NET December 2014 	Business Laws and Intellectual Property Laws
36	Sakshat Bansal	Assistant Professor	<ul style="list-style-type: none"> • B.A., LL.B.(Hons.), Chanakya National Law University, Patna • LL.M, National Law School of India University, Bangalore • Qualified JRF in CBSE-UGC NET 	Business Law, IPR, Justice and Jurisprudence
37	Dr. Anita Kumari	Assistant Professor	<ul style="list-style-type: none"> • B.A (Hons) Political Science, Banasthali (Vidyapith) University, Jaipur • M.A (Political Science), Banasthali (Vidyapith) University, Jaipur • Ph.D, (Political Science), Banasthali (Vidyapith) University, Jaipur 	Political Science
38	Vijay Kishor Tiwari	Assistant Professor	<ul style="list-style-type: none"> • LLB, Campus Law Centre, University of Delhi • LLM (Human Rights Law), National Law School of India University • Ph.D (Pursuing), NLSIU, Bangalore 	International Law, Human Rights Law
39	Aprajita Singh	Assistant Professor	<ul style="list-style-type: none"> • BA.LL.B (HONS) Lucknow University • LL.M DR Ram Manohar Lohiya National Law University, Lucknow • UGC NET 	Environment Law, Criminal Law
40	Bharti Nair Khan	Assistant Professor	<ul style="list-style-type: none"> • B.A.LL.B, The Law School, University Of Jammu • LL.M. (Criminal Law), Dr. Ram Manohar Lohiya National Law University Lucknow, Uttar Pradesh • Net Qualified 2014, Jammu and Kashmir 	Criminal Law

41	Nandini Biswas	Assistant Professor	<ul style="list-style-type: none"> • BA.LLB (Hons.), Gujarat National Law University • LL.M. (Human Rights), National Law School of India University • UGC Net Qualified 	Human Rights Law
42	Manisha Madhav	Assistant Professor	<ul style="list-style-type: none"> • BBA, LLB(Hons.) ICAI University, Dehradun • LL.M National Law Institute University, Bhopal 	Area of Specialization Intellectual Property Rights
43	Shruti Reddy	Senior Lecture	<ul style="list-style-type: none"> • B.A., LL.B. (Hons.), University College of Law, Karnataka University • LL.M. (Corporate law & Governance including International Business), NALSAR University of Law, Hyderabad • Ph.D. (pursuing), NALSAR University of Law, Hyderabad 	Corporate Law and Governance
44	Shamabhavi Sinha	Lecturer	<ul style="list-style-type: none"> • B.Sc Zoology (Hons) from University of Delhi • LL.B, Campus Law Centre, Faculty of Law, University of Delhi • LL.M (Family Law), Amity University, Noida 	Family Law

FINANCIALS

The audited financial statements for the financial year from April 2016 to March 2017 are attached herewith. There has been all around improvement in financial and operating performance during FY 2016-17 as compared to FY 2015-16 including 18% growth in on-campus students, 5% growth in new enrolments. The faculty to non-faculty ratio maintained at 3:1 and improvement of surplus from 17.39% of revenues in FY 2015-16 to 18.43% of revenues in FY 2016-17.

Total receipts of University during FY 2016-17 were Rs.333.14 crores against total expenditure of Rs.271.73 crores leaving a balance of Rs.61.41 crores for transfer to General/Endowment/Development Fund. The surplus earned during the fiscal was used for funding the capital expenditure. Due to steep decline in interest rates post demonetization & increased employee strength the provision for gratuity & leave encashment of employees saw a major jump by Rs.21.59 crores as on reporting date. Efficient fund management led to 56% increase in interest earning as compared to previous year. Various current liabilities, provisions & security deposit appearing in the balance sheet are fully secured against bank balance & investment of similar amount.

Continued efforts of management in closely monitoring operating costs resulted in improving the surplus thereby enabling UPES to expand academic infrastructure of own built up space, improvement of laboratories, classroom equipment, books etc. There was significant increase in rentals during FY 2016-17 primarily due to expansion of rented premises at second campus, Kandoli wherein UPES has taken additional approx. 65,597 square feet of built up area on long term lease.

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 2017, the Statement of Income & Expenditure account for the year then ended, and a summary of the significant accounting policies and other explanatory information.

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.

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:

- a) in the case of the Balance Sheet, of the state of affairs of the University as at March 31, 2017;
- b) in the case of the Income & Expenditure Account, of the excess of income over expenditure for the year ended on that date.

Place: New Delhi
Date: 22ND September 2017



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

SAMIR JAIN
(Partner)

Membership No. : 77010

UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Balance Sheet as at 31st March, 2017

Amount in Rs.

Liabilities	Schedule	31st March 2017		31st March 2016	
CAPITAL FUNDS:	1				
Permanent Endowment Fund		14,013,278		13,669,481	
Development Fund		12,011,957		10,980,565	
General Fund		1,897,284,969	1,923,310,204	1,284,583,585	1,309,233,629
REFUNDABLE SECURITY DEPOSIT FROM STUDENTS			244,974,153		204,737,000
CURRENT LIABILITIES & PROVISIONS					
Advance Fee Received against new admissions		147,062,369		103,059,229	
Other Current Liabilities		287,168,331		433,333,012	
TDS & other statutory liabilities		14,059,202		38,656,663	
Deferred Fees		618,752,234		549,464,874	
Provision for Retirement Benefits		484,512,044	1,551,554,181	268,647,012	1,393,160,790
Total			3,719,838,538		2,907,131,419
Assets	2				
Fixed Assets (Net)			1,237,564,321		1,146,996,527
Capital Work-in-Progress			80,545,022		76,266,909
CURRENT ASSETS, LOANS & ADVANCES					
Receivable from Students		4,354,951		4,287,482	
Accrued Income		56,634,287		69,736,905	
Cash & Bank Balances	3	2,141,787,683		1,399,113,021	
Advances & Deposits	4	198,952,274	2,401,729,195	210,730,576	1,683,867,984
Total			3,719,838,538		2,907,131,419

Schedule 10 Significant Accounting Policies and Schedule to Accounts

As per our report of even date
For Raghunath Rai & Co.
Chartered Accountants
FRN:- 000451N

For University of Petroleum & Energy Studies



(Samir Jain)
Partner
Membership No:- 77010



(Dr. Doopendra Kumar Jha)
Vice-Chancellor



(Sanjeev Kumar Goyal)
Finance Officer

Date :- **22 SEP 2017**
Place:- New Delhi



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Income & Expenditure Account for the year ended on 31st March 2017

	Schedule	31st March 2017	31st March 2016
INCOME			
Income from Academics	5	3,176,501,505	2,518,802,877
Interest Income		154,912,005	99,111,982
	(A)	3,331,413,510	2,617,914,859
EXPENDITURE			
Staff, Faculty & Other Costs	6	1,015,702,566	704,546,675
Education Expenses & Student Activities	7	665,015,567	595,748,317
Administrative Expenses	8	279,400,584	231,078,073
Advertising , Publicity & Placement Expenses		362,120,310	293,579,628
Interest & Bank Charges	9	859,090	1,659,401
Rent , Rates & Taxes		218,548,784	173,764,099
	(B)	2,541,646,901	2,000,376,194
Surplus/(Deficit) before Depreciation	(C)=(A)-(B)	789,766,609	617,538,665
Depreciation on Fixed Assets	2	175,690,036	162,363,289
	(D)	175,690,036	162,363,289
Surplus/(Deficit) after Depreciation	(E)=(C)-(D)	614,076,573	455,175,376
Appropriations:			
-to Endowment Fund (Interest on Fixed Deposit)		343,797	318,750
-to Development Fund (Interest on Fixed Deposit)		1,031,392	956,250
	(F)	1,375,189	1,275,000
Surplus/(Deficit) Transferred to General Fund	(G)=(E)-(F)	612,701,384	453,900,376

Schedule 10 Significant Accounting Policies and Schedule to Accounts

As per our report of even date
For Raghunath Rai & Co.
Chartered Accountants
FRN:- 000451N

For University of Petroleum & Energy Studies



(Samir Jain)
Partner
Membership No.: 77010

Date :- **22 SEP 2017**
Place : New Delhi



(Dr. Deependra Kumar Jha)
Vice-Chancellor



(Sanjeev Kumar Goyal)
Finance Officer



UNIVERSITY OF PETROLEUM & ENERGY STUDIES

Schedules forming part of accounts

Amount in Rs.

<u>SCHEDULE '1' - CAPITAL FUNDS</u>	<u>31st March 2017</u>	<u>31st March 2016</u>
A. PERMANENT ENDOWMENT FUND		
Opening Balance	13,669,481	13,350,731
Transfer from Income & Expenditure Account	343,797	318,750
Closing Balance	14,013,278	13,669,481
B. DEVELOPMENT FUND		
Opening Balance	10,980,565	10,024,315
Transfer from Income & Expenditure Account	1,031,392	956,250
Closing Balance	12,011,957	10,980,565
C. GENERAL FUND		
Opening Balance	1,284,583,585	830,683,209
Transfer from Income & Expenditure Account	612,701,384	453,900,376
Closing Balance	1,897,284,969	1,284,583,585
TOTAL FUNDS (A+B+C)	1,923,310,204	1,309,233,630

For University of Petroleum & Energy Studies

Date : **22 SEP 2017**
Place : New Delhi


(Dr. Deependra Kumar Jha)
Vice-Chancellor


(Sanjeev Kumar Goyal)
Finance Officer



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
YEAR ENDED 31ST MARCH 2017

Schedule 2 : FIXED ASSETS

Sl. No.	Fixed Assets	Rate	Gross Value			Depreciation			Impairment			Net Value	
			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	Closing Balance	Opening	for the year	Closing	31st March 2017
1	Land/ Sports Ground	0.00%	98,153,702	-	-	98,153,702	-	0	-	-	-	98,153,702	98,153,702
2	Building	10.00%	1,058,776,088	150,520,308	45,256,739	1,164,041,656	439,057,905	307,43,155	70,32,986	307,43,155	475,673,597	685,368,060	619,720,182
3	Classroom Equipments	20.00%	215,846,158	26,117,146	991,624	240,971,680	99,278,305	344,14,408	529,690,03	122,762,823	4,509,828	113,698,029	112,058,025
4	Computer & Software	40.00%	160,577,662	42,544,561	5,887,290	197,535,153	106,536,062	26,518,376	53,59,112	127,655,326	2,737,652	67,141,976	51,303,548
5	Furniture & Fixtures	25.88%	213,759,506	32,179,043	-	245,938,549	113,340,667	29,47,139	1,500,511	142,387,806	1,900,911	101,649,832	98,517,528
6	Office Equipments	13.91%	175,171,742	18,330,999	823,044	192,678,798	65,452,377	34,275,295	51,60,91	61,211,582	1,537,594	109,529,622	107,781,771
7	Vehicles	25.89%	9,365,762	-	-	9,365,762	6,135,501	8,96,315	-	6,971,816	-	2,393,946	3,230,261
8	Library Books	13.91%	24,661,795	5,707,258	-	30,369,052	9,766,301	24,50,049	-	12,215,350	-	18,152,703	14,895,454
9	Plant & Machinery	13.91%	26,184,437	-	-	26,184,437	13,718,600	1,13,1493	-	15,450,293	-	10,734,194	12,455,887
10	Leasehold Improvement		32,771,187	5,524,804	-	38,295,991	3,901,887	4,52,873	-	7,564,761	-	30,741,230	28,659,299
11	Machinery under RAO Projects		28	-	-	28	-	-	-	-	-	28	28
	Total		2,015,270,317	281,323,239	52,658,696	2,243,934,859	857,187,606	175,690,036	375,932,888	595,284,353	11,086,185	1,237,564,321	1,146,996,326
	Previous Year		1,800,511,617	225,355,258	10,596,566	2,015,270,317	703,218,563	162,363,289	839,4247	557,187,606	11,086,185	1,146,996,526	1,066,206,859

For University of Petroleum & Energy Studies


(Dr. Deependra Kumar Jha)
Vice-Chancellor


(Sanjeev Kumar Goyal)
Finance Officer



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
YEAR ENDED 31ST MARCH 2017

Schedule 2 A : FIXED ASSETS WHICH HAVE BEEN CLAIMED AS APPLICATION UNDER SECTION 11 OF INCOME TAX ACT 1961

Sl. No.	Fixed Assets	Rate	Gross Value			Depreciation			Impairment			Net Value	
			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	31st March 2017
1	Land / Sports Ground	0.00%	9,81,53,702	-	-	9,81,53,702	-	-	-	-	-	9,81,53,702	9,81,53,702
2	Building	10.00%	83,63,53,594	15,05,20,308	4,52,56,739	94,16,17,163	39,64,47,956	5,23,82,428	3,07,48,155	41,80,82,229	-	52,35,34,934	43,99,05,598
3	Classroom Equipments	20.00%	9,19,36,063	-	9,91,624	9,09,44,439	6,24,54,644	49,08,771	9,29,890	6,64,33,524	45,09,828	2,00,01,087	2,49,71,591
4	Computer & Software	40.00%	7,24,06,004	4,25,44,581	55,87,290	10,93,63,295	6,63,87,817	73,08,931	53,99,112	6,82,97,635	27,37,852	3,83,27,808	32,80,334
5	Furniture & Fixtures	25.85%	10,13,02,826	-	-	10,13,02,826	8,03,52,920	35,50,813	-	8,39,03,733	19,00,911	1,54,98,182	1,90,48,994
6	Office Equipments	13.91%	8,94,73,365	1,83,30,099	8,23,044	10,59,80,420	5,02,80,632	64,65,041	5,16,091	5,62,29,582	19,37,594	4,88,13,244	3,72,55,139
7	Vehicles	25.89%	72,45,833	-	-	72,45,833	54,56,002	4,63,388	-	59,19,390	-	13,26,443	17,89,831
8	Library Books	13.91%	1,24,99,562	57,07,258	-	1,82,06,820	79,40,626	24,50,049	-	1,03,90,675	-	78,16,145	45,58,936
9	Plant & Machinery	13.91%	2,39,28,861	-	-	2,39,28,861	1,30,46,361	15,11,444	-	1,45,57,805	-	93,71,055	1,08,82,500
10	Leasehold Improvement		-	-	-	-	-	(0)	-	(0)	-	0	-
11	Machinery under R&D Projects		28	-	-	28	-	-	-	-	-	28	28
	Total		1,33,32,99,837	21,71,02,246	5,26,58,696	1,49,77,43,386	68,23,66,998	7,90,40,863	37,593,283	72,38,14,573	1,10,86,185	76,28,42,628	63,89,46,654



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
YEAR ENDED 31ST MARCH 2017

Schedule 2 B: FIXED ASSETS WHICH HAVE NOT BEEN CLAIMED AS APPLICATION UNDER SECTION 11 of INCOME TAX ACT, 1981

Sl. No.	Fixed Assets	Rate	Gross Value			Depreciation			Impairment			Amt In Rs.		
			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 2017
1	Land / Sports Ground	0.00%	-	-	-	-	-	0	-	-	-	-	-	-
2	Building	10.00%	22,24,24,493	-	-	22,24,24,493	4,26,09,909	1,79,81,455	6,05,91,367	-	-	-	16,18,33,126	17,96,14,594
3	Classroom Equipments	20.00%	12,39,10,095	2,61,17,146	-	15,00,27,241	3,69,23,661	1,55,05,638	5,63,29,299	0	-	-	9,35,97,942	8,70,86,434
4	Computer & Software	40.00%	8,81,71,859	-	-	8,81,71,859	4,01,48,245	1,92,09,445	5,93,57,690	-	-	-	2,88,14,168	4,80,23,614
5	Furniture & Fixtures	25.88%	11,24,56,680	3,21,79,043	-	14,46,35,723	3,29,87,747	2,54,96,326	5,84,84,073	-	-	-	8,61,51,650	7,94,68,934
6	Office Equipments	13.91%	8,56,98,378	-	-	8,56,98,378	1,51,71,745	98,10,255	2,49,82,000	-	-	-	6,07,16,378	7,05,26,632
7	Vehicles	25.69%	21,19,929	-	-	21,19,929	6,79,499	3,72,927	10,52,426	-	-	-	10,67,503	14,40,431
8	Library Books	13.91%	1,21,62,233	-	-	1,21,62,233	18,25,675	-	18,25,675	-	-	-	1,03,36,558	1,03,36,558
9	Plant & Machinery	13.91%	22,55,626	-	-	22,55,626	6,72,239	2,20,249	8,92,458	-	-	-	13,63,138	15,83,387
10	Leasehold Improvement		3,27,71,187	59,24,604	-	3,86,95,991	39,01,887	40,52,874	79,54,761	-	-	-	3,07,41,230	2,88,69,299
11	Machinery under R&D Projects													
	Total		68,19,70,480	6,42,20,993	-	74,61,91,473	17,48,20,607	9,66,49,173	27,14,69,760	0	-	-	47,47,21,693	50,71,49,873



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
YEAR ENDED 31ST MARCH 2017

Schedules forming part of accounts

	31st March 2017	31st March 2016
<u>SCHEDULE '3' - Cash & Bank Balances</u>		
Cash in hand	414,633	1,253,445
Bank Balances *	1,142,050,585	909,260,549
Fixed Deposit Receipts *	999,322,465	488,599,027
Total	2,141,787,683	1,399,113,021

* The above Bank Balances & Fixed Deposit Receipts include Fees received in advance Rs.14.71 Cr (Previous year Rs 10.31 Cr) , Security deposits received from students Rs 24.50 Cr (Previous year Rs 20.48 Cr) and Fees received in advance from existing students Rs 61.88 Cr (Previous year Rs 54.94 Cr) Inter alia.

SCHEDULE '4' - Advances & Deposits

Advances Recoverable in Cash or Kind	20,455,008	36,619,092
Prepaid Expenses	26,545,375	21,993,611
Security Deposits	151,951,891	152,117,873
Total	198,952,274	210,730,576

SCHEDULE '5' - Income from Academics

Gross Course Fees	2,628,904,011	2,093,701,442
Less : Domicile Discount/concession	14,688,665	12,708,509
Less: Scholarship expenses	20,717,713	14,614,995
Net Course Fees	2,593,497,633	2,066,377,938
Tuition Fees from Distance Students (CCE)	118,990,011	98,452,257
Other Fees	384,458,718	268,086,757
Enrolment Fees	66,010,100	73,059,073
Miscellaneous Receipts	13,545,042	12,826,852
Total	3,176,501,505	2,518,802,877

For University of Petroleum & Energy Studies

Date :- **22 SEP 2017**
Place:- New Delhi


(Dr. Deependra Kumar Jha)
Vice-Chancellor


(Sanjeev Kumar Goyal)
Finance Officer



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
YEAR ENDED 31ST MARCH 2017

Schedules forming part of accounts

SCHEDULE '6' -Staff, Faculty & Other Cost

	31st March 2017	31st March 2016
Staff, Faculty & Related Costs	982,608,810	672,885,988
Academic Professional Charges	33,093,756	31,660,688
Total	1,015,702,566	704,546,675

SCHEDULE '7' - Education Expenses & Student Activities

Student Welfare/Training Expenses	304,649,081	210,103,355
Examination Expenses	10,074,411	10,584,248
Laboratory Expenses	5,602,812	4,985,051
Library Expenses	9,721,911	8,133,780
Industrial Tour Expenses	53,579,664	24,653,926
Courseware & License Fees	25,459,154	99,965,459
Outsourced Services	175,923,734	177,568,191
Hostel Lodging & Boarding Expenses	80,004,799	59,754,307
Total	665,015,567	595,748,317

SCHEDULE '8' - Administrative Expenses

IT Hardware & Software Expenses	28,300,146	20,624,488
Electricity, Generator & Water Expenses	24,372,520	20,719,991
Festivals & Functions	11,436,321	4,755,032
Statutory Auditor's Fees	572,800	429,375
Legal Expenses	598,546	510,400
Professional and Consultancy Charges	33,444,728	34,359,996
Communication Expenses	5,720,666	5,004,090
Insurance Expenses	10,663,128	9,384,140
Printing & Stationary	5,125,856	7,194,934
Repair & Maintenance	31,934,538	37,802,806
Travelling , Transportation & Hotel Expenses	54,239,018	40,895,092
Housekeeping/Security Expenses	36,854,582	32,139,358
Other Administrative Expenses	36,137,736	17,258,371
Total	279,400,584	231,078,073

SCHEDULE '9' - Interest & Bank Charges

Interest on Term Loan	-	449,228
Bank Charges	859,090	1,210,173
Total	859,090	1,659,401

For University of Petroleum & Energy Studies

Date :- **22 SEP 2017**
 Place:- New Delhi


 (Dr. Deependra Kumar Jha)
 Vice-Chancellor


 (Sanjeev Kumar Goyal)
 Finance Officer



UNIVERSITY OF PETROLEUM & ENERGY STUDIES

SCHEDULE - 10

SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS:

Annexed to and forming part of accounts for the period ended on 31st of March 2017.

A. CONSTITUTION OF THE UNIVERSITY OF PETROLEUM & ENERGY STUDIES:

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. SIGNIFICANT ACCOUNTING POLICIES:

1. GENERAL:

The financial statements are prepared under the historical cost convention on the accrual basis of accounting.

2. REVENUE RECOGNITION:

Fee is recognized on financial year basis.

3. FIXED ASSETS:

Fixed assets are stated at cost (including all incidental expenses) less accumulated depreciation. Computers include cost of hardware, networking, operating systems and software.

Depreciation on all items of Fixed Assets has been charged on Written down Value Method as per the rates prescribed under Schedule XIV of the Companies Act, 1956. The rate of Depreciation on various classes of Assets is mentioned below:

Sl No	Asset Class	Rate of Depreciation
1	Building	10%
2	Classroom Equipment's	20%
3	Computer & Software	40%
4	Furniture and Fixtures	25.88%
5	Office Equipment's	13.91%
6	Vehicles	25.89%
7	Library Books	13.91%
8	Plant & Machinery	13.91%

4. All borrowing costs are expensed out in the year in which they are incurred.

C. NOTES TO ACCOUNTS

1. The University is registered u/s 12A and recognized u/s 80G of the Income Tax Act, 1961.

2. Campus Development Expenses:

All expenses related to construction project at 'UPES' own campus is being capitalized.



3. Transfers:

(a) Transfer from Income & Expenditure Account:

25% of the total interest accrued up to 31st March 2017 from bank in respect of fixed deposit of Rs. 1.77 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 2017 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.

4. Cash & Bank Balances:

Cash & Bank Balances include a fixed deposit of Rs.1,77,35,027/- (Rupees One Crore Seventy Seven Laes Thirty Five Thousand Twenty Seven only) made against permanent endowment fund of the university as per requirement of clause (1) and (2) of Section 41 of the UPES Act.

5. As the University is not carrying out any commercial, industrial or business activities, the Accounting Standards formulated by Institute of Chartered Accountants of India are not applicable to it.
6. Deferred Fee amounting to Rs. 61.88 Cr (Previous Year 54.94 Cr) is on account of fee received for unexpired period and will be amortized based on completion of particular course/ activity.
7. Previous year figures have been regrouped and rearranged to make them comparable with current year figures.

SCHEDULE 1 TO 10 FORM AN INTEGRAL PART OF ACCOUNTS

AUDITORS' REPORT

As per our separate report appended to the Balance Sheet

For Raghunath Rai & Co.
Chartered Accountants



(Samir Jain)
Partner
M. No. 77010

For University of Petroleum & Energy Studies



(Dr. Deependra Kumar Jha)
Vice-Chancellor



(Sanjeev Kumar Goyal)
Finance Officer

Date: 22 SEP 2017
Place: New Delhi



UPES

THE NATION BUILDERS UNIVERSITY

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

**“Energy Acres”, P.O. Bidholi, Via Prem Nagar, Dehradun 248 007
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