

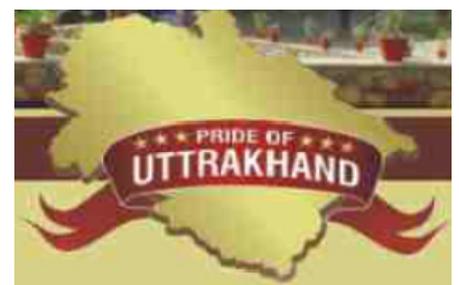
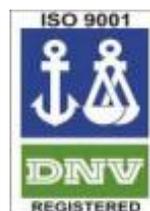


**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES  
ANNUAL REPORT  
2014 - 2015**

**Nation Builders University**



ज्ञान-विज्ञान विमुक्तये



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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 stake-holders.
- 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 pleased to present the **Twelfth Annual Report** of the **University of Petroleum & Energy Studies (UPES)**. The University continues to pursue its vision of creating a world class institution developing professionals for the industry.



To enhance our interaction with various stakeholders, research organizations, government and Industry, UPES organized various Conferences, Workshops, and HR Round Tables during the Academic Year 2014-15. During this period the '**National Conference on Biofuels & Bioenergy (NCBB-2015)**' was held at UPES during June 12-13, 2015, the International Conference on '**Next Generation Computing Technologies (NGCT-15)**' during 4<sup>th</sup> – 5<sup>th</sup> September'15, technically co-sponsored by **IEEE U.P. Section** and the '**24<sup>th</sup> National Conference on I.C. Engines and Combustion (24<sup>th</sup> NCICEC 2015)**' during 30<sup>th</sup> Oct. – 1<sup>st</sup> Nov. 2015 in association with **Combustion Institute (Indian Section)**. A comprehensive community of technocrats, researchers, educators, software engineers, IT professionals, and scholars shared their novel thoughts and developed collaborations for technological enlightenment and growth during the conferences.

The University is delighted to announce the passing out of 334 MBA students, 188 students of M.Tech & M.Des programmes, 15 students of LLM, 94 students of BBA, 157 students of BBA & BA LLB, 744 students of B.Tech programmes apart from 24 Ph.D (06 in Management & 07 in Science & 11 in Engineering). UPES congratulates the graduating students and takes pride in the excellent performance of its alumni.

The Annual Convocation of the University was held at Sirifort Auditorium, New Delhi on 30<sup>th</sup> May 2015. **Shri. Ravishankar Prasad, Hon'ble Union Minister of Communications & IT, Govt. of India** was the '**Chief Guest**' and **Mr. A.S. Kiran Kumar, Secretary – Department of Space, Chairman – Space Commission and ISRO** was the '**Guest of Honor**' and delivered the key note address.

UPES now has 9056 full time students and about 2000+ students through DL Mode on its roll with core faculty strength of 400+.

UPES continues to augment its infrastructure. The **College of Legal Studies** has shifted to its newly constructed world class campus at "Knowledge Acres"- Kandoli.

UPES would like to express its gratitude to H.E. the Governor of Uttarakhand Dr. K.K. Paul , the Visitor to the University and the distinguished Members of our Boards for their continued guidance and encouragement. We assure them of our deep commitment to develop UPES as a world class institution.

We appreciate the continued support of the Government of Uttarakhand. We also continue to look forward to the blessings, good wishes and support of all our stakeholders to develop the University and its constituent colleges as an institution addressing the challenges of India's continuously growing and developing economy.

**Dr. S. J. Chopra**  
Chancellor



### Vice Chancellor's Foreward

I take great pride in this privilege to present the Twelfth Annual Report 2014-15 on the progress and development of the University of Petroleum and Energy Studies (UPES). A privilege passed on to me by my predecessor & founder Vice Chancellor Dr. Parag Diwan, who successfully completed his third term & has a lion share of the credit for the performance in the year 2014-15. It would be appropriate to thank the entire UPES team for this splendid performance & my compliments to each member of staff & student alike for their hard work. Even our alumni continue to make us proud with their exemplary performance in the global arena.

UPES has been offering an ever expanding bouquet of undergraduate and post graduate programs in Engineering, Management and Legal education with specialization in energy Infrastructure & transport. In recent years UPES has ventured into IT as well as Design, and we have two schools being nurtured under the college of Engineering. This year has seen starting of the two new areas namely Public Policy & Administration and Planning & Architecture.

The quality of an academic institution primarily depends on the quality of its faculty. Our faculty has always been our pride. We continue to have an optimum mix of qualifications, experience and industry exposure and can be counted among the finest in higher learning institutions in the country. The university has constantly been focusing on not only attracting exceptional talent but also nurturing & upgradation of our existing talent pool. Many of our faculty members possess Ph.D degrees in appropriate fields. The research output of our faculty as research scholars has been showcased in the prestigious part reviewed Journals & conferences of repute. 89 Publications in Scopus listed Journals and two more Indian Patents are the highlights this year. Further, we have at present 20 projects with a total of funding of more than 20 crore rupees.

UPES has valued industrial exposure to its faculty & a unique endeavor 'Abhigyat' or "**enlightened**" is rolled out which creates an opportunity to gain insights and skills that enrich classroom teaching through an industry attachment.

As part of UPES 'academia-industry connect' initiative UPES organized a number of events that attracted excellent participation from the industry. These include HR Round Table in Oil & Gas, Power and Aviation Sector at various National and International levels. Workshops and Conferences, MDPs were also organized during this period.

Our Students continue to do us proud by putting UPES name on the world map. I am unable to resist the temptation to list some of them just to give a glimpse of things in store in the report here:

- "Skyhawk's" team of Aerospace bagging NASA Systems Engineering award,
- autonomous flight capable Para-drone UAV by our researchers
- Neha Chhabra Roy's Doctoral paper in IIM Kozhikode, or the series of awards won by our Law Students all over the country.
- Sumit Shetty of COMES hobnobbing with the likes of Kevin Spacey and Jim Collins at World Business Forum
- Mooters Aditya Pillai and Nupur Priya of COLS winning the South Asian rounds and going to participate in the International Rounds at Kings College London.

Sports has been ever better this year with basketball& cricket championships at RMLNLU, Lucknow and we have done well in athletics too.

Special mention must be made about our Alumni Ms. Smiti Maini graduate of Aerospace Engineering Department, for her contribution in the MARS MISSION.

The students continue to show exemplary discipline while maintaining a ragging free campus and extra ordinary social awareness through road safety and anti-substance abuse campaigns. Records in Blood donation continue to get broken year on year.

Addition of infrastructure continues to match the student growth. This year I am happy to report College of Management has moved successfully into new premises in a 12 acre campus at Kandoli, where 2 new boys hostels have also come up during this year. We are looking forward to moving our College of Legal Studies also to the new campus next academic year.

I am very confident the report will make a very interesting reading and make all well wishers of UPES feel proud of our progress and achievements.

Dr. Shrihari

## **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:

 <b>Board of Governors</b>	Highest regulatory body to lay down policies, approve Budget/Annual Report, make, amend or repeal Statutes & Rules, etc.
 <b>Board of Management</b>	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.
 <b>Academic Council</b>	Principal academic body to coordinate and exercise general supervision over the academic policies of the University.
 <b>Finance Committee</b>	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 Uttaranchal

Five Members Nominated by HERS

**Mr. Utpal Ghosh**, President, UPES

**Mr. Amit Sevak**, CEO, Laureate Education South Asia

**Mr. Tim Daniels**, CEO, Laureate Education Middle East, Africa & Asia

**Mr. Yudhister Bahl**, CFO, Laureate Education India

**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 (19<sup>th</sup> April 2013 to 18<sup>th</sup> April 2016)

**Mr. M.A. Pathan**, Former Chairman, IOCL

**Lt. Gen.(Retd) T.S Shergill, PVSM**

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

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

**Ms. Nishi Vasudeva**, CMD, HPCL, Mumbai

**Mr Arun Balakrishnan**, Former CMD – HPCL, Gurgaon

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

#### MEMBER SECRETARY

**Dr. Shrihari Honwad**,  
Vice-Chancellor  
University of Petroleum & Energy Studies

**BOARD OF MANAGEMENT**  
**[2015-2018]**

**CHAIRMAN**

**Dr. Shrihari Honwad,**  
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**

**Ms. Deepa Verma, Director (IA), UPES**

**Mr Yudhister Bahl, CFO Laureate Education India**

**Mr Alfonso Alan Diaz, Senior Vice President, Laureate International Universities (Europe, MENA & Africa)**  
**Vacant**

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

**Prof. Saroj Kaushik, Head, Department of Computer Science & Engineering, Indian Institute of Technology Delhi**

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), Department of Mathematics, UPES**

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

Two Deans of the Faculties nominated by the Chancellor

**Dr. Anirban Sengupta, Dean (CoMES), UPES**

**Dr. Kamal Bansal, Dean (CoES), UPES**

**SECRETARY**

**Mr. Abhay Sharma**  
Registrar  
University of Petroleum & Energy Studies

**ACADEMIC COUNCIL  
[2015-2018]**

**CHAIRMAN**

**Dr Shrihari Honwad**, Vice-Chancellor

**MEMBERS**

Pro-Vice Chancellor

**Mr. Utpal Ghosh**, President, UPES

Deans of the Faculties

**Dr. Kamal Bansal**, Director (College of Engineering), UPES

**Dr. Anirban Sengupta**, Dean (College of Management), UPES

**Dr. Tabrez Ahmad**, Director (CoLS)

Two Professors other than Deans by rotation in order of seniority

**Prof Santosh Gupta**, Distinguished Professor, College of Engineering, UPES

**Dr. Suresh Kumar**, Associate Dean, Dept. of Mechanical Engineering, College of Engineering, 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

**Dr. Allan Fisher**, Chief Academic Officer, Asia, Laureate Education Asia Ltd.,

**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**, Vice President & Head - Legal

**Dr. Ajay Deshpande**, Director (Technology), EIL

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

**Prof. V.K. Nangia**, Head, Department of Management Studies, IIT Roorkee

**Mr. P.C. Srivastava**, 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, Mumbai

**Mr Atul Kumar**, GM & Head, Larsen & Tourbo

**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

**SECRETARY**

**Mr. Abhay Sharma**, Registrar

**FINANCE COMMITTEE**  
**[2015-2018]**

**CHAIRMAN**

**Dr. Shrihari Honwad**  
Vice-Chancellor  
University of Petroleum & Energy Studies

**MEMBERS**

Nominee of Govt. of Uttarakhand

**Secretary (HE), Government of Uttaranchal**

Pro-Vice Chancellor

**Mr. Utpal Ghosh, President, UPES**

One Dean on basis of Seniority

**Dr. Kamal Bansal, Dean, CoES, UPES**

Nominee of Chancellor

**Mr Bharat R. Chauhan, Director (Marketing), UPES**

Special Invitee Nominee of HERS

**Mr. Abhay Sharma, Registrar, UPES**

Nominee of Board of Governors

**Mr. Yudhister Bahl, CFO, Laureate Education India**

**MEMBER SECRETARY**

**Mr. Sachin Jain**  
Finance Officer, UPES

## **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**

<b>Meeting No</b>	<b>Major Decisions Taken</b>
BOG/035/April/2015 dated 22-Apr-15	<ul style="list-style-type: none"> <li>• Noted appointment of Mr. Abhay Sharma, Registrar as Risk Officer</li> <li>• Noted appointment of Mr. Utpal Ghosh as President &amp; CEO, UPES effective 1<sup>st</sup> April 2015</li> <li>• Noted appointment of Dr. Shrihari Honwad as Vice Chancellor effective 20<sup>th</sup> April 2015</li> <li>• Noted co-option of Mr. Amit Sevak, CEO, Laureate Education South Asia in place of Mr. Neel Vijay Broker</li> <li>• Approved participation of Board Members in the Board Meetings through electronic mode viz. Video Conferencing Facility</li> <li>• Approved continuation of Dr. S.J. Chopra as Chancellor for another three year term effective 1st September 2015.</li> <li>• Placed on record its appreciation for Dr. Parag Diwan for his stellar role in taking this University to heights both at National and International Level.</li> </ul>
BOG/036/September/2015 dated 22-Apr-15	<ul style="list-style-type: none"> <li>• Endorsed the revised composition of the Board of Governors for next term of three years from September 01, 2015 to August 31, 2018.</li> <li>• Approved Amendments in the Statutes “now called Second Statutes” and directed Chairman, Board of Governors to put up before the Uttarakhand Government for their concurrence</li> <li>• Adopted Audited Accounts of UPES for financial year ending 31st March 2015 and placed on record the efforts put in by Finance and Accounts Department in process improvements with a view to improve the controllership and student experience</li> <li>• Board endorsed the approval of the Finance Committee and Board of Management for purchase of land and empowered the Registrar and Finance Officer to negotiate the commercial and other terms with land owners</li> </ul>

Meeting No	Major Decisions Taken
	<ul style="list-style-type: none"> <li>Ratified the appointment of Mr. Yudhister Bahl, CFO, Laureate Education India in the Finance Committee of UPES as its Nominee for the period 1st September 2015 to 31st August 2018</li> </ul>
BOG/037/December/2015 dated 01-Dec-15	<ul style="list-style-type: none"> <li>Approved the Annual Report of UPES for the year 2015 as passed by Board of Management through circulation.</li> <li>Interacted with Alumni of UPES</li> </ul>

## (ii) BOARD OF MANAGEMENT

Meeting No & Date	Major Decisions Taken
BOM/038/April/2015/ Dated 21-Apr-15	<ul style="list-style-type: none"> <li>The Board concurred with the recommendations of the Finance Committee and approved change in Bankers for daily operations.</li> <li>The Board concurred with the recommendation of the Finance Committee and approved the approved the revised delegation of financial powers effective 1 May 2015 to various functionaries of the University</li> <li>Noted the Policy of Contract Management and the process flow adopted effective from 1 Jan 2015.</li> <li>Recommended for adoption of Consultancy Policy by the Board of Governors</li> <li>Ratified the appointment of faculty including leaving/relieving/termination made by the University for the period November 2014 to 20 April 2015.</li> <li>Approved the Contracts / MoUs executed by the University since October 2014 to March 2015</li> <li>Approved appointment of Dr. Shrihari Honwad as Vice Chancellor effective 20<sup>th</sup> April 2015 and Mr. Utpal Ghosh as President &amp; CEO effective 1<sup>st</sup> April 2015.</li> </ul>
BOM/039/April/2015/ Dated 19-Sept-15	<ul style="list-style-type: none"> <li>Endorsed the revised composition of the Board of Management for next term of three years from September 01, 2015 to August 31, 2018</li> <li>Recommended the Audited Accounts of UPES for the year ending 31st March 2015 for consideration and approval by the Board of Governors</li> <li>Endorsed the recommendation of the Finance Committee to increase existing rate of fee for all programmes commencing from academic session 2016</li> <li>Ratified the appointment of faculty including leaving/relieving/termination made by the University for the period April 2015 to 5<sup>th</sup> September 2015</li> <li>Approved the Contracts / MoUs executed by the University since April 2015 to September 2015</li> <li>Took Note of the legal case filed by the mother of ex-student late Gaurav Jonwal, Mrs. Savita Jonwal before National Consumer Dispute Redressal Commission, New Delhi where-in she has claimed Rs 1.61 crores as damages from UPES and HERS towards negligence resulting in death of her son on campus on September 13, 2013.</li> <li>Took note of the Launch of National Pension Scheme for its employees as approved by the Finance Committee</li> </ul>
Circulation Approval	<ul style="list-style-type: none"> <li>Approved Draft Annual Report of UPES for the year 2015 obtained through circulation on November 24, 2015.</li> </ul>

(iii) **ACADEMIC COUNCIL**

Meeting No & Date	Major Decisions Taken
<p>AC/023/May/2015 Dated 23 May 2015</p>	<ul style="list-style-type: none"> <li>• Considered and approved the revised intake of MBA (Oil and Gas) and MBA (Logistics and Supply Chain Management) from 80 to 120 seats being offered in the Academic Session 2015-16.</li> <li>• Approved the Choice Based Credit System with a suggestion that Uniform credits should be followed for open elective in all constituent colleges.</li> <li>• Approved the revision in the course syllabi of the programs being offered in the three constituent Colleges</li> <li>• Approved re-nomenclature of following two M.Tech Programs effective batch 2015-16               <ul style="list-style-type: none"> <li>ù M.Tech (ANN) as M.Tech Computer Science &amp; Engineering with specialization in Artificial Intelligence.</li> <li>ù M.Tech (Disaster Management) as M.Tech Health, Safety &amp; Environment with specialization in Disaster Management</li> </ul> </li> <li>• Approved the adoption of 10-point grading system as mandated by UGC</li> <li>• Approved switch over of 3 yr MBA to 2 Yr MBA distance mode program offered by Centre for Continuing Education as promulgated by UGC-DEB</li> <li>• Approved minor amendment in the Admission Eligibility criteria for candidates seeking admission in Ph.D (Law) as under:  <i>"LLB with Master's degree in any discipline with at least 60% marks or equivalent grade from class 10 and onwards having minimum of 3 years or more para-legal research or professional experience"</i>.</li> <li>• Approved results of batches graduating in 2015 including Ph.D and award of medals to meritorious students.</li> <li>• Approved the award of B.Sc Degree to students enrolled in B.Tech programs beyond batches 2008 and who have earned minimum number of credits</li> <li>• Approved launch of 6 months Certified Aviation Professional, Infrastructure Professional, Aviation Professional, Professional Diploma in Port &amp; Shipping, Health Safety &amp; Environment, 3 months Certificate in Contract Labour Law, Certificate in Airport Management, Certificate in Project Management, Certificate in Material Management, and Certificate in Contract Drafting and Agreements certificate programs through Centre for Continuing Education</li> </ul>
<p>AC/024/November/2015 Dated 07 Nov. 2015</p>	<ul style="list-style-type: none"> <li>• Endorsed the revised composition of the Academic Council for next term of three years from September 01, 2015 to August 31, 2018</li> <li>• Ratified the final admissions done for Academic Session 2015-16</li> <li>• Accorded its approval to the draft "Information Bulletin 2016-17"</li> <li>• Approved the Course Syllabi of the new programs to be offered in the three constituent colleges               <ul style="list-style-type: none"> <li>✓ B.Tech in Mechanical Engineering with spl. in Thermal Engineering</li> <li>✓ B.Tech in Mechanical Engineering with spl. in Machine Design</li> <li>✓ B.Tech Electronics Engineering with Specialization in Broadband Communication Technology</li> <li>✓ B.Tech CSE Spl in Internet of Things &amp; Smart Cities (IOT)</li> <li>✓ B.Tech in Computer Science with spl. in Mobile Computing</li> <li>✓ BBA Media Management</li> <li>✓ BBA with specialization in Marketing Management/ Finance &amp; Accounts/ Human Resources Management/ Operations &amp; Project Management</li> <li>✓ MBA with specialization in Marketing Management/ Finance Management/ Human Resources Management/ Operations &amp; Project Management</li> <li>✓ B.A., LL.B (Hons.) with spl. In Criminal / Labor Laws</li> <li>✓ BBA., LL.B (Hons.) with spl. In International Trade &amp; Investment / Banking, Finance &amp; Insurance</li> </ul> </li> <li>• Approved syllabi of the M.Tech programs to be effective from Academic Session 2016</li> <li>• Approved re-nomenclature of following Programs effective batch 2016               <ul style="list-style-type: none"> <li><b>College of Engineering</b></li> <li>• B.Tech (Instrumentation &amp; Control) as B.Tech (Electronic Engineering) with spl. In Instrumentation</li> <li>• B.Tech (Production and Industrial Engineering) as B.Tech (Mechanical Engg) with spl. In Production Engg.</li> <li>• B.Tech (Material Science Engg) with spl. In Nanotechnology as B.Tech (Mechanical Engineering)</li> </ul> </li> </ul>

	<p>with Specialization in Material Science &amp; Nano Technology</p> <ul style="list-style-type: none"> <li>• B.Tech (Computer Science &amp; Engineering) with spl. In Manufacturing Systems <b>as</b> B.Tech (Computer Science &amp; Engineering) with spl. In Manufacturing Informatics</li> </ul> <p><b>College of Management</b></p> <ul style="list-style-type: none"> <li>✓ MBA Infrastructure Management <b>as</b> MBA in Urban Infrastructure &amp; Development</li> <li>✓ BBA in Retail Management <b>as</b> BBA in E-Commerce Marketing</li> <li>✓ While on BBA in Financial Services &amp; Marketing, it was suggested to re-nomenclate <b>as</b> BBA in Financial Analysis &amp; Wealth Management <b>instead of</b> BBA in Financial Analysis &amp; Services</li> </ul> <ul style="list-style-type: none"> <li>• The Council approved the Uniform Span Period for 2 year program upto 4 years as mandated by UGC effective Academic Session 2016</li> <li>• Approved the Evaluation Policy for LDU and Walden Online Courses</li> <li>• Approval amendments in the existing Examination and Allied Provisions, Regulation of UPES</li> <li>• Approved the following for Centre for Continuing Education: <ul style="list-style-type: none"> <li>✓ Suggested that instead of doing away completely with the 2 Years' experience, the criteria should indicate "Preference shall be given to applicants with 1-yr/2-yr experience"</li> <li>✓ Approved launch of 1 year IBM Collaborated PGDIT program through Centre for Continuing Education</li> </ul> </li> <li>• Approval to the addition of a clause in the Formal Registration in the Ph.D Regulation as under: "A research student shall apply to the VC to extend the duration validity of the Program in case he is unable to complete the course within 7 yrs. The extension of Registration will be valid for a period of six month. No extension can be granted beyond 8 years of Registration. However, the candidate may apply for Re-registration and start from presenting the synopsis".</li> </ul>
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**(iv) FINANCE COMMITTEE**

Meeting No & Date	Major Decisions Taken
FC/001/April/2015 dated 21-Apr-15	<ul style="list-style-type: none"> <li>• Took Note of the Internal Audit Committee and suggested ensuring that all Process Audits are completed on time</li> <li>• Approved the proposal putforth for change in Bankers for daily operations</li> <li>• Approved the revised delegation of financial powers effective 1 May 2015 to various functionaries of the University</li> <li>• Resolved the new combination of signatories for new and existing bank accounts of UPES</li> <li>• Took note of the Policy of Contract Management and the process flow adopted as applicable from 1 Jan 2015.</li> </ul>
FC/002/September/2015 dated 19-Sept-15	<ul style="list-style-type: none"> <li>• Endorsed the revised composition of the Finance Committee for next term of three years from September 01, 2015 to August 31, 2018</li> <li>• Resolved that the Audited Accounts of UPES for the Financial Year 2014-15 be placed before the Board of Management for its consideration and review.</li> <li>• Endorsed the views of the Fee Committee and recommended revision in course fee effective 2016-17 to the Board of Management</li> <li>• Approved the purchase of land and empowered the Registrar and Finance Officer to negotiate the commercial and other terms with land owners and recommended to the proposal to Board of Governors for final approval.</li> <li>• Took note of the legal case filed by the mother of ex-student late Gaurav Jonwal, Mrs. Savita Jonwal before National Consumer Dispute Redressal Commission, New Delhi where-in she has claimed Rs 1.61 crores as damages from UPES and HERS towards negligence resulting in death of her son on campus on September 13, 2013</li> <li>• Approved launch of the National Pension Scheme for its employees and passed the necessary Resolution</li> </ul>

**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 CONCESSIONS 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.134.60 lakh during the financial year 2014-15.

## **SCHOLARSHIPS**

In addition, UPES has disbursed an amount of Rs.108.49 lakhs towards Scholarships to meritorious students during the financial year 2014-15.

## 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 such organisations, key among them listed here.

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### Capgemini Global

Aimed for the benefit of students and faculty of UPES. It provides opportunities for placements, Summer Internship and Collaborated Research and Project work.

CONSULTING.TECHNOLOGY.OUTSOURCING

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### KPIT Technologies

The main objective of this MoU is to initiate PACE (Program for Academic Collaboration and Engagement) at UPES and to provide a platform to build a strong and on-going relationship between KPIT and UPES. This will also help in bridging the gap between academia & industry & will contribute to education eco system.

The areas of synergies include FDPs, Campus Hiring, Internship Program, Technical Events, etc. This year the focus will be on domains like Mechanical, Electronics & Computer Science.



## ACADEMIC LINKAGES

### Partnering with some of the most respected domain focused institutions across the world

Strategic partnerships across specific domains, enable the following activities

- Academic Extension Activities
- Exchange Lectures
- Faculty Exchange
- Student Exchange
- Information Exchange
- Joint Collaborations
  - Conferences and Seminars
  - PhD Thesis
  - Academic programs
  - Research
- Mutual exchange of scientific publications
- Professional development & continuing education
- Special short term academic programs

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### FRANCE

- ECE Paris, Graduate School of Engineering, (**Laureate**), Paris, France
- Institute National Polytechnic Toulouse, Toulouse, France

## PROGRAMMES SPECIFICALLY ORGANIZED FOR DEVELOPMENT OF UTTARAKHAND STATE

### COMMUNITY DEVELOPMENT PROGRAMME

#### ADOPTION OF GIRL CHILD

To help the disadvantaged girls from villages located within a 10 km radius of the area of operations of UPES, viz. *Bidholi, Bishenpur, Upper Kandoli, Pundha, Dunga, Bakarna and Masras Patti*, UPES had adopted six new girls this year thus, number of adopted daughters has increased to **51**. UPES provides total educational support to them, promotes their overall development and also addresses their health and hygiene concerns. This initiative began in 2004. The UPES family adores these girls as **“UPES DAUGHTERS”**.

Every year, educational trips are organized for our daughters to give them real time exposures, to enhance their overall personality, to enhance their knowledge, to create interest in History and to learn mannerism & team spirit. This year, during 3<sup>rd</sup> to 6<sup>th</sup> April, 2015, the girls were taken to Agra to visit the TajMahal, Agra Fort, Fatehpur Sikri and Sikandra.

This year also like every year, summer school was organized for adopted daughters during 2<sup>nd</sup> June to 19<sup>th</sup> June, 2015 where they were given training on communication and computer skills.

#### STRENGTHENING ACADEMICS IN PRIMARY SCHOOLS

One Dedicated faculty is assigned to teach Computers, English & Mathematics to the children of primary schools of Bidholi, Bishenpur, Upper Kandoli, Pundha and Dunga.

## PROJECT SANKALP

Under project SANKALP, UPES students, on every Saturday, reach the little children of primary schools (Bidholi, Bishenpur, Upper Kandoli, Paundha, Dunga, Masras Patti & Bakarna). The Sankalp project is:

- To provide “Quality education” to the children through interactive session on Mathematics, Science, English and Basics of Computer.
- To develop communication skills of the children.
- To regularly conduct tests for children to evaluate their performance.
- To support the school system to enable the underprivileged children to cope up with the school work.



## PROJECT SAMVEDNA

Project Samvedna provides education to children of **Construction Workers** employed in the construction projects at UPES (who do not get a chance to attend schools). In this regard, UPES has opened **Day School, at present only** at Kandoli campus. About **35 children** are attending the school. Besides providing free education through Project Samvedna, the day schools also provide Free Books & Stationeries and hygienically cooked Free mid – day meals.

**Project Samvedna has also succeeded in discouraging:**

- ✓ child labour
- ✓ drug addiction
- ✓ sexual exploitation and other unethical & unlawful activities.



## PROJECT ABHILASHA

Project Abhilasha, a part of corporate social responsibility of University of Petroleum & Energy Studies, Dehradun, is an effort with an aim of building a scientific base for engineering entrance examinations for students from the interiors of Uttarakhand who are deprived of any coaching facility.

Every year University of Petroleum & Energy Studies (UPES), Dehradun select a large number students with the support from Directorate of Education, Uttarakhand, and impart free rigorous in house residential training for 15-20 days in physics, chemistry and mathematics for Engineering Entrance Examination with free boarding & lodging facilities.

This year Abhilasha project was organized from 1st June 2015 to 20th June 2015. **Sixty nine** meritorious students from the various districts of Uttarakhand viz. Pauri Garwal, Kotdwar, Rudraprayag, Dehradun, Haridwar, Nainital, Tehri Garwal, Almora were selected for attending the free Coaching classes on Chemistry, Physics and Mathematics 28 were girls students.

We have made the arrangement for student's stay at our UPES Bidholi Campus; the students enjoyed the study and also their stay at UPES Bidholi Campus including food and recreation thoroughly. They got best of teaching from very renowned and senior professors.

On 8th June 2015, Shri. N. Ravi Shanker, Chief Secretary Uttarakhand, interacted with Project Abhilasha students during their Project Abhilasha coaching class in Kandoli campus along with Dr. S.J.Chopra, Chancellor, UPES, Shri Arun Dhand, Director (Govt. Relations), other officials and Dr. Shalini Vohra.

Shri. N. Ravi Shanker, Chief Secretary Uttarakhand appreciated the UPES CSR efforts and motivated students by his inspiring words. While interacted individually with students, he enquired individually from them about their personal achievements, family background, Parents occupation and their purpose to join this coaching. He emphasized on the application and implementation part of their learning. He spoke about the value of time-management, continuous efforts, firm determination and openness towards studies, which he considered as key elements for achieving their purpose. Students were encouraged and motivated by his words.

On 16th June 2015, CEO Professor Utpal Ghosh and Vice Chancellor Professor Shrihari interacted with Project Abhilasha 2015 students over a cup tea. Professor Utpal Ghosh asked about their stay at UPES and enquired about their studies and further up gradation they required. Students were very satisfied regarding their free stay and the facilities provided to them. Students recommended increasing the length of coaching from 20 days to 30 days. They also urged to visit Library and Labs of UPES. Students really motivated through his words of wisdom and enjoyed refreshment with them. We had arranged their library and lab visit on 20th June 2015.

## UPES discharging Corporate Social Responsibilities



DEHRADUN, JUNE 20 (HTNS) University of Petroleum & Energy Studies (UPES) has been discharging its corporate social responsibilities in a sustained manner over the past 12 years. Though the university actively caters to various social obligations but it primarily focuses on activities pertaining to the sphere of education.

Arun Dhand, Director - Govt Relations and Media Affairs disclosed that the very first CSR project, which was undertaken by UPES after it was established in Uttarakhand in 2003, was "Project -Abhilasha".

The objective of this project was to enable deserving students from the to crack the various engineering entrance examinations. The Directorate of Education, Govt of Uttarakhand assists the university in identifying toppers and bright students of class 10 from government run schools across the 13 districts of Uttarakhand, thereafter based on pre-defined criteria they get selected and are subsequently invited to this camp. These free residential training camps have been held every year since 2005 and over 500 students have benefited from these camps thus far. Abhilasha -2015 was organized in UPES campus from June 1, wherein 69 students from 6 districts of Uttarakhand participated, which included 26 female students. All these students are class 10 toppers of their respective schools in 2013 and have entered their class 12 this year. A conducted tour of the laboratories and library was also organized for them during their stay. The batch was also taken on a tour of the Kandoli campus of UPES where the Chief Secretary N. Ravishankar interacted with them.

Speaking at the valedictory function of Abhilasha -2015, the Chancellor Dr S J Chopra applauded the efforts put in by the CSR team of UPES and encouraged the participants to come back next year to complete the process initiated by UPES for their benefit.

The Vice Chancellor Dr Shrihari Honwad in his talk with the participating students of this camp, advised them to make use of the vast information available on the internet to improve their comprehension on various subjects. Dr Mandira Aggarwal, Deputy Director - CSR presented details of the activities which were conducted in Abhilasha.

Arun Dhand, in his vote of thanks, paid gratitude to the three experts who had spent 20 days with the students in training them which included Dr Dipendra Nigam and Dr Amit Sharma from DAV(PG) College, Dehradun and Dr Ajay Srivastava from DBS (PG) College, Dehradun.

At the valedictory function of Project Abhilasha held at UPES on 20th June 2015, the students got chance to interact with Our CSR Patron, Dr. S.J. Chopra Chancellor UPES . Students and teachers shared their experience during project Abhilasha. Chancellor insisted upon the hard work and continuous learning hours for the purpose, which he considered important elements of success, The students were highly inspired and motivated by the talk. Dr. Shrihari, Vice Chancellor, Dr. Mandira Aggarwal, Associate Professor and Dy. Director, CSR, Director HR, Mr. Amal Gupta, VP, HR, Dr. D.K.Gupta, Head, Deptt of Petroleum Engineering and Earth

Sciences, Mr. Arun Dhand, Director, GRMA, Dr. Shalini Vohra, Assistant Professor (SS) and other distinguished faculty members attended the function.

Number of students shared their vivid experiences on project Abhilasha and requested to continue this program every year. Students got so much emotionally attached with project Abhilasha that most of them left UPES with tears in their eyes.

### HEALTH AND MEDICAL CARE

#### FREE MOBILE MEDICAL VAN FACILITY

Free Mobile Medical Van (FMMV) service to improve the quality of life of villagers. FMMV is a mobile clinic equipped with basic medicines and a qualified Doctor. Through this initiative, Every Friday of the week, UPES is providing medical facility to the villagers at their doorsteps since 2010. Through Free Mobile Medical Van (FMMV) services a total of **1039** patients were benefitted from January, 2015 till October, 2015.



### ANNUAL BLOOD DONATION CAMP

Every year since 2007, UPES organizes blood donation camps in campus which brings everyone together for a noble cause. Till date, UPES has donated 7924 units of blood. This year, the donated blood was 1254units.



### GLOBAL DAYS OF SERVICE

Six new projects were launched during the 2015 Global Days of Service (October 12-18) at Village Bhauwala, which is about 6 km from UPES campus. This initiative was focused to develop the village Bhauwala as a “Model Village” which can be replicated to other nearby villages in the coming years. The details of the projects are as below:

#### (A) Project On Vermicomposting:

This project was launched on 12<sup>th</sup> October, 2015. Vermicomposting project is linked to **Swachh Bharat Abhiyan (Clean India Mission), a national campaign by the Government of India, to clean the streets, roads and infrastructure of the country.** The Project aims at cleaning the surrounding environment of the village by utilizing the organic wastes and will provide sustainable source of livelihood by generating organic compost. Through the survey conducted by CSR Team, it came to our notice that about 60 -70 kg of organic wastes (rotten vegetables from the weekly market) plus waste foods from different sources viz., kitchen, shops and small restaurants located in the village is generated per week in Bhauwala. The same will serve as the raw material for vermicomposting. It will take 3 months to convert the wastes into compost. The manure will be produced within 90 days (12 weeks) which will be sold to nearby nurseries. @Rs. 15 -20 per kg, whereas the cost price of which is only Rs. 4-6 per kg.



## **(B) The Technology Enabled Communication Skill Development**

The Technology Enabled Communication Skill Development component of the project was launched on 13<sup>th</sup> October 2015. This project is linked to Digital **India**, an initiative of Government of India, to connect rural area with the world of technology. Fifteen women of different age groups from Bhauwala village have enthusiastically participated in the project. This is a six months integrated course which is designed to inculcate the application of information technology to enhance English communication skill, which is vital to develop market linkage for sustainable business and to enhance their personality. The training is being imparted by corporate professional. The programme is being executed in the village itself and 10 computers have been donated by UPES for the said training programme.

The project aims to empower young women with English Communication using basic computer skill by providing Basics of Grammar, Translation, Vocabulary Development, group discussion, answering ability and to work on MS Office (Windows, MS Word, MS Excel, MS Powerpoint, MS paint etc)

After the course completion, these women can start with teaching their own children and can also open up coaching centers in the nearby villages, which is the basic requirement of the developing areas. This project will also enhance their overall personality and will open avenue for them to work in different organization.

The course contents of Technology Enabled Communication Skill Development are:

- Vocabulary Development
- Grammar Basics
- Translation
- Answering Ability
- Discussion Ability
- Microsoft Office

**(C) Tailoring skill development project:**

Rural Women in our Project Area suffer from being both economically and socially invisible. Economic invisibility stems from the perception that women are not relevant to the wage and self-employment but they have been playing very important and significant role in the society. There is a need to empower these women by strengthening their economic security.

With the ever expansion /growth of primary and secondary schools, the need for school uniform is bound to gear up. Thus, this income generating project of TAILORING has been launched with an aim at equipping the women of Bhauwala village to take up tailoring as an entrepreneurship.

Tailoring skill development project was launched on 14<sup>th</sup> Oct 2015. Four women from Bhauwala village are getting trained for six months. After completion of this income generation training programme, these women will be encouraged to open their own tailoring shop and become an entrepreneur.

**(D) Beauty Parlor Training Project:**

The fact that every woman, irrespective of her social upbringing, wants to look beautiful gave us enough reason to start the project. In the rural set-ups, the concept of beauty parlors is not yet come to the surface. Through this project the women will be trained as beauticians and will gain livelihood opportunities and it will be an ice breaker for them.

This project was launched on 14<sup>th</sup> Oct 2015. Through survey four women from Bhauwala village have been identified to be professionally trained to take it as their career. After completion of the six months training these women can either open their own beauty parlour or can also get opportunities to work in various parlours that will generate income for them.

**(E) Mobile Health Care project:**

This project involve the operation of mobile medical van that travel through the entire Bhauwala village and bring primary healthcare services at the doorsteps of the villagers, especially those who cannot afford the medical treatment.

This project was launched on 16<sup>th</sup> October 2015 with an aim to provide primary health care services where villagers do not have access to healthcare services, to ensure curative health care, to prescribe and

dispense medicines on the spot for the common ailment & for referral to hospital if required and to educate and build health awareness.

**(F) Mentoring Young Children of Primary School**

This project focuses in creative and stimulating methods which inspire and equip students to continue their education and to excel. This project was launched on 17<sup>th</sup> October 2015 and will be implemented on every Saturdays by UPES students.

This projects aims to provide "Quality education" to the children through interactive session on Mathematics, Science, English and Basics of Computer, to develop communication skills of the children, to improve quality of learning by supplemental methods, to support the school system to enable the underprivileged children to cope up with the school work.



## ACADEMIC REPORT

### ● ACADEMIC PROGRAMMES OFFERED AND ENROLLMENTS in 2015-2016

Programmes	Approved Intake	Registered
<b>COLLEGE OF ENGINEERING STUDIES</b>		
B.TECH Aerospace Engineering	50	52
B.TECH Aerospace Engineering with specialization in Avionics	50	50
B.TECH (Applied Petroleum Engineering) with Upstream Specialization	120	136
B. TECH (Applied Petroleum Engineering) with Gas Specialization	120	110
B.TECH Automotive Design Engineering	100	112
B.TECH Geo Informatics Engineering	60	52
B.TECH Geo Sciences Engineering	60	58
B.TECH Chemical Engineering with specialization in Refining and Petrochemicals	100	109
B.TECH Electrical Engineering	80	71
B.TECH Civil Engineering with Spl in Infrastructure Development	80	77
B.TECH Mining Engg	60	67
B.TECH Production & Industrial Engineering	50	20
B.TECH Electronics Engineering	60	55
B.TECH Mechatronics Engineering	60	63
B.TECH Power System Engineering	40	42
B.TECH (Material Science Engineering) with specialization in Nanotechnology	40	22
B.TECH (Fire & Safety Engineering)	50	47
B.TECH (Mechanical Engineering)	90	98
B.TECH (Instrumentation and Control Engineering)	30	12
B.TECH (Computer Science Engineering) with specialization in Mainframe Technology	50	55
B.TECH (Computer Science Engineering) with specialization in Oil and Gas Informatics	80	75
B.TECH (Computer Science Engineering) with specialization in Cloud Computing & Virtualization	120	121
B.TECH (Computer Science Engineering) with specialization in Open Source & Open Standards	80	78
B.TECH (Computer Science & Engg.) with specialization in Business Analytics and Optimization	80	81
B.TECH (Computer Science & Engg.) with specialization in Telecom Informatics	50	51
B.TECH Computer Science & Engineering with specialization In E-Commerce, Retail and Automation	50	50
B.TECH (Computer Science & Engg.) with specialization in IT Infrastructure	60	68

<b>Programmes</b>	<b>Approved Intake</b>	<b>Registered</b>
B.TECH (Computer Science & Engineering) with specialization in Banking, Financial Services & Insurance	60	59
B.TECH (Computer Science & Engineering) with specialization in Security & Cyber Forensics	80	85
B.TECH (Computer Science & Engineering) with specialization In Graphics & Gaming	40	48
B.TECH (Computer Science & Engineering) with specialization In Healthcare Informatics	30	13
B.TECH (Computer Science & Engineering) with spl. In Manufacturing Systems	30	16
B.Des	60	40
Bachelor of Planning	20	7
Bachelor of Fine Arts	20	14
<b>Total B.Tech, B.Des, B.Plan &amp; BFA</b>	<b>2210</b>	<b>2114</b>
M. Tech (Energy System)	25	28
M. Tech (Health, Safety & Environment)	40	44
M. Tech (Petroleum Exploration)	25	25
M. Tech (Pipe Line Engineering)	25	25
M. Tech (Chemical Engg with Specialization in Process Design Engineering)	20	20
M. Tech (Robotics)	15	8
M.Tech (Computational Fluid Dynamics)	20	21
M.Tech (Artificial Intelligence & Artificial Neural Networks)	10	6
M.Tech (Health, Safety & Environment with Spl. in Disaster Management)	10	10
M.Tech (Embedded Systems with specialization in Wearable Technology)	10	6
M.Tech (Nuclear Science)	15	7
M.Tech (Renewable Energy Engineering)	15	15
M.Tech (Rotating Equipment)	20	16
M.Tech (Aerospace Engineering with Specialization UAV)	15	11
M.Tech (Structural Engineering with Specialization in Offshore Str )	15	17
M.DES (Transportation Design)	20	19
M.DES (Industrial Design)	15	9
M.DES (Product Design)	15	5
M.Plan	15	8
<b>Total M.Tech, M.Des, M.Plan</b>	<b>345</b>	<b>300</b>
<b>COLLEGE OF MANAGEMENT &amp; ECONOMIC STUDIES</b>		
BBA (Logistics Management)	60	62
BBA (Auto Marketing)	20	22
BBA (Oil & Gas Marketing)	60	60
BBA (Aviation Operation)	50	39
BBA (Foreign Trade)	50	55
BBA (Retail Management)	20	14
BBA (Financial Services & Marketing)	50	53
BBA (Digital Marketing)	30	34
BA (Public Policy)	20	11
<b>Total BBA &amp; BA</b>	<b>360</b>	<b>350</b>

Programmes	Approved Intake	Registered
MBA (Infrastructure Management)	30	11
MBA (Aviation Management)	40	19
MBA (Energy Trading)	40	25
MBA (International Business)	60	52
MBA (Logistics & Supply Chain Management)	120	117
MBA (Oil & Gas Management)	100	96
MBA (Port & Shipping Management)	25	20
MBA (Power Management)	60	43
MBA (Business Analytics)	40	16
MA (Energy Economics)	30	13
<b>Total MBA &amp; MA</b>	<b>545</b>	<b>412</b>
<b>COLLEGE OF LEGAL STUDIES</b>		
BA LL.B. (Hons.) with specialization in Energy Law	120	120
BBA LL.B. (Hons) with specialization in Corporate Laws	60	89
B.Com LLB (Hons) with specialization in Taxation Laws	120	138
B. Tech Computer Science & Engineering + LLB (Hons.) with emphasis on Cyber Laws	60	43
B. Tech. Energy Technology + LLB (Hons.) with emphasis on Intellectual Property Rights	60	9
<b>Total BA, BBA, B.Tech &amp; B.com, LLB</b>	<b>420</b>	<b>399</b>
LLM - International Trade Law/ Law & Technology/ Corporate & Commercial Law/ Energy Laws	20	8
<b>Total LLM</b>	<b>20</b>	<b>8</b>
<b>GRAND TOTAL</b>	<b>3900</b>	<b>3583</b>

● **QUALITY INTAKE MEASURES: ADMISSIONS(2015-16)**

- ✚ A well-integrated communication program under way for each program group. Key elements are
  - Consistent **newspaper advertising**, especially in the key month of April.
  - Tactical support from **FM radio** in key cities around key dates
  - Extensive presence in **social media** – Facebook, Twitter, LinkedIn and in a number of discussion forums relevant to the respective program group
  - 4-5 months campaign on a number of **leading education portals** such as MBA Universe, Careers 360, Shiksha
  - **Digital engagement** with students at various stages of the enrollments – leads, prospects, applicants and admission takers.
  - New initiative: Series of **webinars** to promote those B. Tech. programs that are not well known. Webinars being scheduled for the Law and Design programs too.
  - **Design Dialogue**: Seminars for young students, held in Delhi and Ahmedabad. Leading design professionals invited as speakers.
  - Extensive **School and College Contact** program, participation in important education fairs in different geographies.

- ✚ Program primers dispatched to the early admissions in MBA to create affinity and referrals for various programs. Information booklet highlighting the various B. Tech. programs as well as preceding year's selection ranks sent to all students taking the UPES B. Tech. entrance test.
- ✚ Active follow up on leads generated through various online and offline initiatives.
- ✚ Normalization programs conducted for students who took admission in the MBA (M3 - Monsoon Management Magic) and M. Tech (T2 – Tech Tonic) programs. This onboarding programme combined fun, physical activities, cultural activities and classroom sessions.
- ✚ A very well conducted centralized counselling process for B. Tech. admissions with participation from key faculty, HoDs and Career Services executives

### DOCTORAL PROGRAMMES

Discipline	Registered			
	January 2015		July 2015	
	Pre PhD	PhD	Pre PhD	PhD
Engineering	11	8	29	NIL
Management	15	21	27	NIL
Science	4	4	3	NIL
Law	1	0	7	NIL
Others	5	2	0	NIL
<b>TOTAL</b>	<b>36</b>	<b>35</b>	<b>66</b>	<b>NIL</b>

### ACADEMIC PROGRESSION

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

#### College of Engineering Studies

Name of the Programme	Students Appeared	Students Graduated
<b>2011-15 batch</b>		
B.Tech(ADE)	56	56
B.Tech(APE)-spl GAS	38	38
B.Tech(APE)-spl UP	34	34
B.Tech(ASE)	25	24
B.Tech(ASE+AVE)	19	19
B.Tech(CCVT)	58	57
B.Tech(CE+RP)	46	46
B.Tech(CIVIL)	54	52
B.Tech(CS-OG) Informatics	67	67
B.Tech(CS-OSS)	54	52
B.Tech(CS-MT)	43	43
B.Tech(EE)	44	44
B.Tech(FSE)	14	13
B.Tech(GIE)	27	27
B.Tech(GSE)	30	27

Name of the Programme	Students Appeared	Students Graduated
B.Tech(ME)	55	54
B.Tech(MS-NANO)	38	38
B.Tech(PSE)	57	53
<b>2013-15 batch</b>		
M.DES (TD)	10	9
M.Tech (AINN)	13	11
M.Tech (CFD)	18	8
M.Tech (DM)	15	14
M.Tech (ES)	23	20
M.Tech (HSE)	41	41
M.Tech (NST)	12	8
M.Tech (PDE)	15	14
M.Tech (PE)	22	22
M.Tech (PLE)	29	27
M.Tech (ROBO)	18	14

#### College of Management and Economic Studies

Name of the Programme	Students Registered	Students Graduated
<b>2012-15 batch</b>		
BBA (AM)	12	10
BBA (AVO)	27	25
BBA (LM)	35	32
BBA (OG)	40	27
<b>2013-15 batch</b>		
MBA(AVM)	40	38
MBA(ET)	36	35
MBA(IB)	31	25
MBA(IFM)	20	20
MBA(ISM)	16	13
MBA(LSCM)	64	53
MBA(OG)	83	72
MBA(PM)	63	63
MBA(PSM)	27	15

#### College of Legal Studies

Name of the Programme	Students Registered	Students Graduated
<b>2010-15 batch</b>		
BA (LLB)	114	103
BBA (LLB)	60	54
<b>2013-14 batch</b>		
LLM in Energy Laws	19	15

## PLACEMENTS

### Companies visited for recruitment (Partial List) :

- Accenture India
- Advance Metering Technology Ltd.
- Amarganga Agro Foods Pvt. Ltd.
- Brisk Marine
- Cairn India Limited
- Centre For Monitoring Indian Economy Pvt L
- Contract Logistics Pvt. Ltd
- Dell India Ltd.
- Dilip Chhabria Design Pvt. Ltd.
- Endeavour Software Technologies
- Fedex
- Flipkart Internet Private Limited
- Fluor Daniel India Pvt Ltd.
- Glander International Bunkering (GI Bunker
- Grand View Research
- H & R Johnson (India) - A Division of Prism Cement Limited
- Idam Infrastructure Advisory Private Limited
- IKEA Services India Pvt. Ltd.
- iKen Solution
- Infosys Limited
- International Business Machines Corporation
- ITC Infotech
- Keppel Offshore & Marine Engineering Pvt
- L&T Hydrocarbon and Heavy Engineering
- L&T Infotech
- L&T Power
- M. E. C. Intelligence
- Maruti Suzuki India Limited
- Mecharte's
- Nagarro Software (P) Ltd.
- Nestle India
- NIIT GIS Limited (ESRI India)
- Persistent Systems
- Price Waterhouse Coopers Consulting
- Reliance Industries Limited
- Sarr Freights Corporation
- Schlumberger Asia Services Pvt. Ltd.
- Shun Shing India Pvt. Ltd.
- Tata Consulting Engineers Limited
- Technip India Ltd.
- SREI Equipment Finance Limited
- iData Insights
- CAPA (Centre for Asia Pacific Aviation)
- GVK-Mumbai International Airport
- Kuehne + Nagel India Pvt. Ltd.
- INTEROCEAN
- Simplex Infrastructure Ltd.
- Travel Corporation Of India Ltd(TCI)
- 3SC Solutions
- Adani Wilmar
- SNP Infra Research
- Drewry Shipping
- Mahindra Aerospace
- Mount Meru Group, Tanzania
- Gensol Engineering
- DeSL
- Safwan Petroleum Technologies, Abu Dhabi
- F1F9
- Transparency Market Research
- Kline Management Consulting
- Intelligrape
- BMS Solutions, Dubai
- J K Lakshmi Cement Limited
- Tech Mahindra
- Interglobe Technology Quotient
- Interglobe Air Transport
- LG Electronics
- Chess Management Services Pvt. Ltd.
- Vadanjay Power pvt. Ltd.
- Ernst & Young Services Pvt. Ltd.
- MAN Trucks India
- APL Logistics India Pvt. Ltd.
- Evalueserve
- Markets & Markets
- Moblize
- EON Electric Ltd.
- GD Research & Consulting Pvt. Ltd. (Global Data)
- EHS Consultants
- HDFC Asset Management Company Ltd.

- Trikuta Polymer Pvt. Ltd.
- Wipro Technologies
- Xebia IT Architects India Private Limited
- Zensar Technologies Limited
- TATA Consultancy Services
- Halliburton
- Simon India Ltd.
- HCL Infrastructure Services Division
- Tattva Group-Results Marine Private Limited
- IGATE
- JMC Projects (India) Ltd.
- Escorts Agri Machinery
- Infiniti-Research Marketing Solutions India Private Limited
- Advance Group of Companies
- Allied Analytics
- CGI Information Systems and Management Consultants Pvt. Ltd.
- Century Pulp & Paper
- Ceasefire Industries Ltd.
- AL Badr Cont. & Civil Constructions
- Nauvata Engineering Pvt. Ltd.
- TM International Logistics Limited
- Gulf Oil Lubricants India Ltd.
- Nandan Petro Chem
- NTT Data
- Infraline Energy
- Progressive Media
- MGL (Mahanagar Gas Limited)
- Ozone Group
- Design Associates
- ATOS India
- Wadiya & Ghandy
- ICF International
- MAQ Software
- Audi Delhi South
- Safexpress Private Limited
- Petrofac Engineering Services India Pvt. Ltd
- APAR Industries
- Amarchand Mangaldas & Suresh Shroff &
- Elephant Design
- UPES
- Algo Engines
- Ghaziabad Precision Products
- TechSci Research
- PCBL
- Applied Information Sciences
- Noida Power Company Limited
- SRD Legal-Advocates, Solicitors & Consultants
- Big Boy Toyz
- Air India Sats
- Indian Petro Group
- Feedback Infra Pvt Ltd.
- Openlabs Technologies & Consulting (P) Limited
- Hi-Tech Robotics
- IOT Infrastructure & Energy Services Ltd.
- Navchart Maritime Co. (P) Ltd.
- Bharat Star Services
- Manikaran Power
- Jennis Francis Associates'
- Vodafone
- Adv. Mukesh Raghuvanshi, Dist. Court Vidisha, Madhya Pradesh
- Mahindra & Mahindra
- Samsung Engineering India Private Limited (SEI)
- Innovative ERP Solutions Ltd.
- Paharpur Cooling Tower
- General Motors Design & Styling Division
- Fortune Cookies
- Simplex Group
- Uttarakhand Infrastructure Projects Company Pvt. Ltd.
- Mr. S.R. Khare, [A.O.R], Supreme Court of India
- SAGE Publications India Pvt Ltd
- Celebi
- Cyient
- R & A Legal
- Allied Engineers
- JSG Innotech
- Genesys International
- ADANI Power
- NPR Auto Parts Manufacturing India Pvt.Ltd.
- Jay Robotix Pvt. Ltd.

- VE Commercial Vehicles Ltd. (A Volvo Group Eicher Motors joint venture)
- IREO Infrastructure
- V R TECHNICHE Consultants
- Shree Sanskar Buildhome Pvt. Ltd., Jaipur
- P.F. Legal, Noida
- H & Y Partners, New Delhi
- AZB & Partners, Mumbai
- Lawyer
- Salem Stainless Steel
- SIVA Bulk
- AGA
- Honda Cars India Limited
- Roy Ghosh & Associates, Kolkata
- Positron Energy
- NCS Associate
- eClerx Services Limited
- Egis India Consulting Engineers
- CyberTech Systems & Software Ltd.
- Raheja Developers
- Power Exchange India Limited
- KSK
- Quislex
- Rockwell Collins
- Pratibha Industries Ltd.
- Air Costa
- ETH Limited
- Mind crest India Pvt. Ltd.
- Resonance Energy
- Arham Petrochem Pvt Ltd.
- Evolgence Telecom Systems
- BARCO
- L&T
- Cargill Business Service
- eTeam Inc.
- Cummins India Ltd
- VKJ Projects Pvt. Ltd.
- Evon Technologies
- Akzo Nobel India Ltd (Dulux Paints)
- Reliance Aerospace
- India Aviation Consulting & Support
- Mind Merchant Global Pvt. Ltd.
- L T Foods Limited (Daawat Rice)
- Amazon
- BASF India
- InfoAxon Technologies
- A.A. Autolink
- Cosmic Group
- Adv. Nikhil Jain, Supreme Court of India
- PurpleTalk
- BEDCPL
- Elevate Services India Pvt. Ltd.
- KCT Group
- Transocean Shipping Ventures Private Limited
- Adv. Vijay Tiwari, Bhopal
- T&T Motors (dealer of Mercedes)
- Spice Jet
- Dorf Ketal Chemicals (I) Pvt. Ltd.
- GTC Oilfield Services Pvt. Ltd.
- TCI Ltd.
- Nachi KG Technology India Pvt. Ltd.
- DTDC Supply Chain
- Tetrahedrix Pvt. Ltd.
- Infinium Solutionz Unlimited
- Dada Motors (dealer of Jaguar & Landrover)
- Jet Airways
- Deccan Charters
- HERE Maps
- Mahesh Gas Ltd.
- SONY India
- Global Energy Pvt. Ltd.
- Mittal Processors Pvt. Ltd.
- HiTechos
- Milacron- Mold Masters
- PHI-Robotics
- Total Oil
- Lucintel
- Vedanta Limited
- Digichem Industries
- Precision Automation and Robotics India Ltd
- Indian Navy
- Gujarat State Petronet Limited

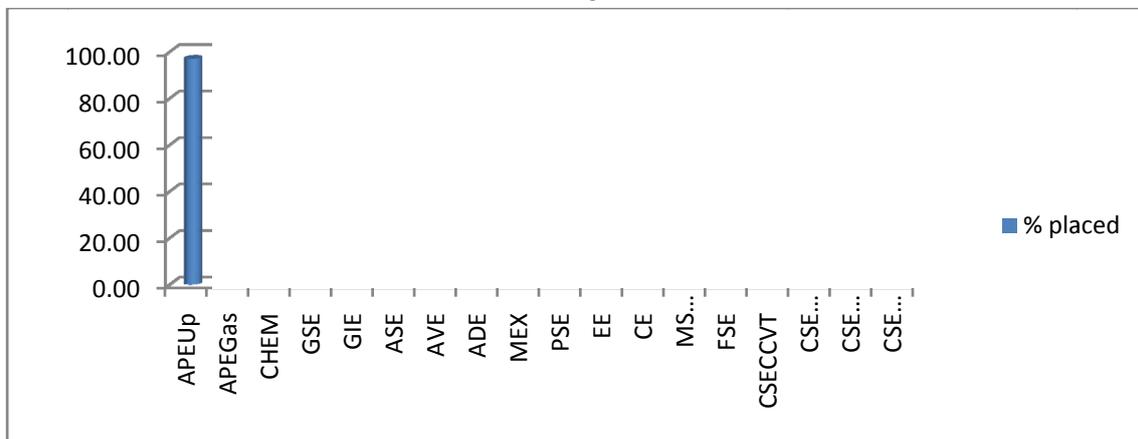
## Placements 2014-15

- 87% placement for 1123 out of 1289 students across all programmes.

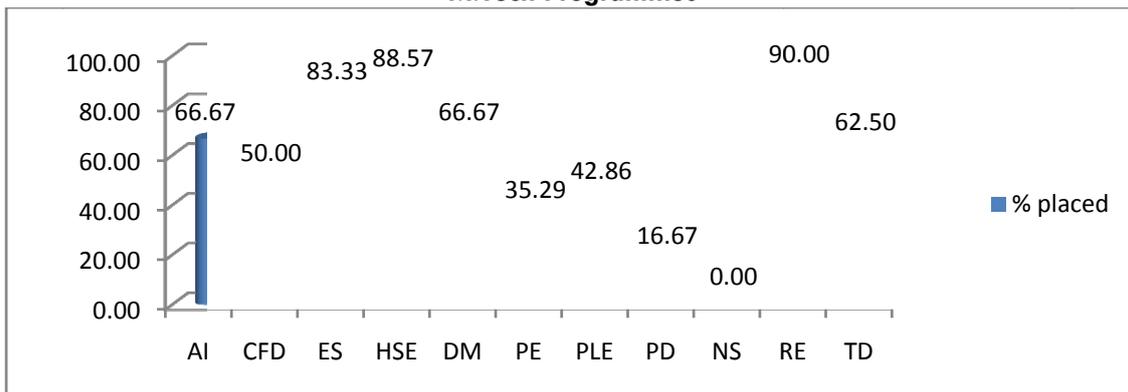
Degree	Highest CTC per annum ( In lakhs)	Avg. CTC per annum ( In lakhs)
B. Tech	17	3.46
M. Tech	9.5	3.87
MBA	12.00	4.48
LLB	17.50	3.60

- Programme-wise breakup is as under:

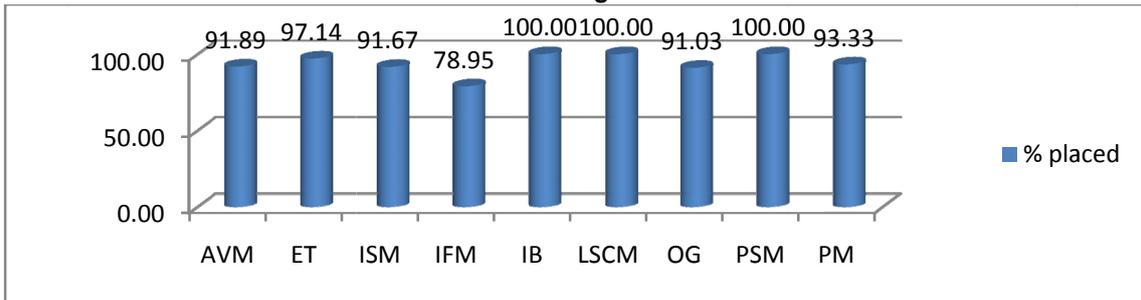
### B.Tech Programmes



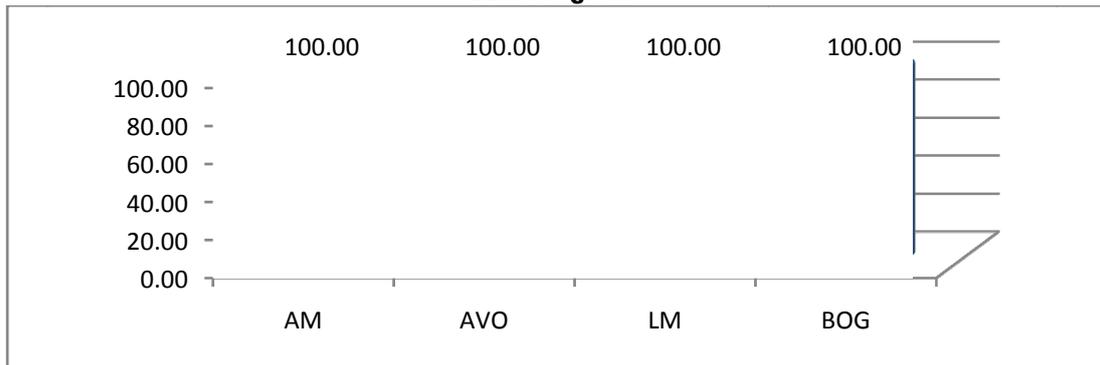
### M.Tech Programmes



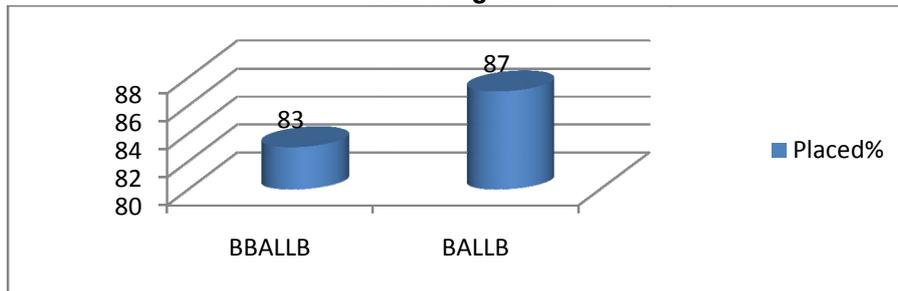
**MBA Programs**



**BBA Programs**



**Law Programs**



## THE THIRTEENTH CONVOCATION

Presided over by Dr. S.J. Chopra, Chancellor UPES, the Twelfth Convocation was held on Saturday, May 30, 2015 at Siri Fort Auditorium, New Delhi. The event was graced by the presence of Shri Ravi Shankar Prasad, Hon'ble Minister of Communication & IT as the "Chief Guest" & Shri A.S. Kiran Kumar, Chairman ISRO as the "Guest of Honor". Other dignitaries present were Heads of various Public & Private Sector Undertakings, UPES Board Members, State Government Officials and other eminent academicians.



A report on the progress of the University for the Year was presented by the Vice Chancellor. Medals to **48 meritorious** students of different programme

### Degrees Conferred

- M.Tech Programmes : 179
- B.Tech Programmes : 744
- MBA Programmes : 334
- BBA Programmes : 094
- LLB Programmes : 157
- LLM programmes : 015
- M.Des Programmes : 009

### Award of Ph.D. Degrees

- Engineering : 11
- Management : 06
- Science: 07

## ACADEMIC MEDAL

- Gold Medal- 05 students**

University Gold Medals	Awarded to
Best Postgraduate Student of CoE	Shawna Nemesia Rebello
Best Undergraduate Student of CoE	Aamir Lokhandwala
Best Postgraduate Student of CoMES	Arnav Shishu
Best Undergraduate Student of CoMES	Hamad Ahmed
Best Student of COLS	Aprna Kadian

- Silver Medal –40 students**

University Silver Medals	Awarded to
Topper in MBA (AVM)	Haniksha Kabra
Topper in MBA (P&S)	Vishal Kashav
Topper in MBA (ET)	Charlene Miriam Samuel
Topper in MBA (L&SCM)	Abhinav Malhotra
Topper in MBA (IFM)	Satyajit Rastogi
Topper in MBA (O&G)	Vigin M.B
Topper in MBA (IBM)	Srishti Mendiratta
Topper in MBA (ISM)	Rimmy Upadhyay
Topper in BBA (AR)	Chandan Kumar
Topper in BBA ( LM)	Aman Kishan Rastogi
Topper in BBA (O&G)	Apurva Goyal
Topper in M.Tech (PLE)	Akshay Mathur
Topper in M.Tech (ES)	Sandeep Kumar Singh
Topper in M.Tech (Chemical Engg)	Addanki Tirumala Ravi Teja
Topper in M.Tech (PE)	Christopher D'Souza
Topper in M.Tech (CFD)	Bodavula Aslesha
Topper in M.Tech (AINN)	Karlakunta Sambasivarao
Topper in M.Tech (DM)	Vyomesh Kumar Gupta
Topper in M.Tech (NST)	Anshuman Choudhury
Topper in M.Tech (RE)	Mayank Khurana
Topper in B.Tech (APE) Gas Spec	Abhay
Topper in B.Tech (ADE)	Aarti Budhiraja
Topper in B.Tech (ASE)	Navneet Kumar
Topper in B.Tech (ASE) Avionics Spec	Anirudh Katyal
Topper in B.Tech CSE- CCVT	Ishmeet Kaur
Topper in B.Tech (CE) + RP	Sonal Bhadauriya
Topper in B.Tech (Civil Engg)	Mahesh Jhawar
Topper in B.Tech (CS) MT	Vaidehi Chauhan
Topper in B.Tech (CSE) O&G	Shivendu Verma
Topper in B.Tech (CSE) OSS	Indeep Singh
Topper in B.Tech (GSE)	Radhika Arora
Topper in B.Tech (GIE)	Shanu
Topper in B.Tech (EE)	Prakshi Rastogi
Topper in B.Tech (ME)	Ankit Agrawal
Topper in B.Tech (MS) + NT	Ishita Agarwal
Topper in B.Tech (PSE)	Rajat Kapoor
Topper in B.Tech (FSE)	Vaibhav Sharma
Topper in M.Des TD	Abhishek Ramesh Chavan
Topper in BBA LLB	Harshita Khurana
Topper in LLM	Sashidhar .S

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

- ~ Aamir Lokhandwala (B.Tech APE Upstream) Best Corporate Student (Siddhomal & Sons Gold Medal)
- ~ Soby Alexander Edasseril (MBA Oil and Gas) Narayan Sahai Memorial Gold Medal
- ~ Christopher D'souza (M.Tech Petroleum Exploration) I N Mehta Gold Medal

- Two Sport Stars of the Year namely, Mr. Madhur Sachdeva & Ms. Pallavi Dorawas awarded Bishna Mal Raja Devi Charitable Trust scholarship.

## GLIMPSE OF STUDENT EVENTS

### DESIGN DIALOGUE 2015 @ AHMEDABAD, PUNE AND DELHI (Jan – Feb 2015)

Attended by renowned industry experts, the objective was to create awareness of the programs being offered by the School of Design Studies. The event was graced with noted speakers:

- Mr. Nileshkumar Kirtane, Head (Department of Styling), Honda India R&D Pvt. Ltd., Gurgaon.
- Ms. Mizuho Tomito, Co-Director, Bee Studio, Renowned Automotive Consultancy Firm, Pune.
- Mr. Sanandan Sudhir, Product Design Consultant, Invent India, Ahmedabad.
- Prof. K. M. Munshi, IDC Centre, IIT Mumbai.



### NATIONAL QUADCOPTER WORKSHOP (9 January 2015)

The Department of Aerospace Engineering in association with Revert Technologies organized a 2-days workshop cum championship. The event started with a technical session by Mr. Pankaj Singh and Mr. Vikas Chauhan from Revert Technologies.

Out of 81 registered students, 20 students were shortlisted for the Robo Fest 2015.



### NATIONAL KART RACING CHAMPIONSHIP 2015 @ BHOPAL (25 JAN 15)

Total of 35 teams across India participated in this championship. UPES, Automotive Design Engineering Students "TEAM-Blackbird" comprising 15 students participated and earned 1st rank in the Championship and won a prize money of Rs. 1 Lakh. The team stood 1<sup>st</sup> in Business Plan Award and Asthetic Award as well.



### **EUREKA (30 January 2015)**

CoMES launched its marketing club-MANTHAN with an inter-college ad making competition “EUREKA”. The theme of the competition was 'Brain Storm' wherein the participants had to show their creativity for product innovation and marketing through posters and visual ads. The event was contested by eleven teams.

The event was a huge success with KAFFEINE-THE COFFEE CHAIN, the official sponsor of the event offering cash prizes for winner team and discount coupons for all participants.

### **INTERNATIONAL MODEL UNITED CONFERENCE (7-8 February 2015)**

250 delegates from 36 Indian institutions and 37 delegates from seven foreign countries (Angola, Bhutan, Chad, Gabon, Kenya, Indonesia and South Sudan) participated in the event.

The event witnessed constructive debates on various international issues like Ad-hoc Crisis Committee, IAEA, UNSOCHUM and UNECOSOC.

Out of 26 awards, 12 were won by UPES students along with one by UTM.

### **ROUND TABLE ON BUSINESS ANALYTICS (28 February 2015)**

UPES organized the first “Business Analytics Round Table” at New Delhi. The basic idea behind the round table was to explore the opportunities which Analytics can provide and how it is important in current business scenarios.



### **IGNITE 2015**

Over 2,000 attendees and more than 100 captivating events organized by three colleges of the University, the fourth Annual Techno Legal Management Fest of UPES –IGNITE 2015 was a remarkable success.

Along with the Chancellor, Deans and Associate Dean

of CoES, CoLS and CoMES, the fest was graced by renowned personalities like Sh. Vijay Kumar Dhaundiyal, Director, Uttarakhand Space Application Centre, as the Chief Guest; Dr. Deepak Bhatnagar, Director, Glocal University; Mr. Mitra, GM, LAW-GAIL; and UPES Alumni Ms. Smiti Maini, Scientist, ISRO.

### **2<sup>nd</sup> NOVICE MOOT COURT COMPETITION**

College of Legal Studies (CoLS), UPES, successfully hosted the second Novice Moot Court Competition in February 2015 with an objective to find new aspects of the legal arena. Acting as the base, the contest provides a practical experience, to all its contestants every year. With more than 56 registrations and participation of 32 teams in total, the event was a whooping success!

### **DR. PARAS DIWAN MEMORIAL MOOT COURT COMPETITION (2-5 APRIL 2015)**

In the annual Dr. Paras Diwan Memorial Moot Court Competition, 34 best teams with over 100 mooted students from different parts of the country participated in this competition and witnessed the presence of 45 judges from industry, Legal academia, Local Bar, Senior Advocates and Judges of Supreme Court, and High Court.

Mr. Yogesh Anand, Chief Legal Head GMR Energy was the Chief Guest for Inaugural Function while Hon'ble Mr. V. Gopala Gowda a sitting Judge Supreme Court of India was Chief Guest for Valedictory Ceremony

The final round was judged by the galaxy of eminent legal luminaries:

- ~ Hon'ble Justice, Mr. V. Gopala Gowda, sitting Judge Supreme Court of India
- ~ Retd. Justice Mr. P. Narayana, High Court of Andhra Pradesh & Member Water Commission of India
- ~ Mr. R. Venkataramani, Senior Advocate, Supreme Court of India
- ~ Mr. S.B. Mitra, General Manager, GAIL India Ltd.
- ~ Mr. Mohd. Naseem, Former DGM, ONGC.
- ~ Mr. A.C. Kher, Advocate on Record, Supreme Court of India
- ~ Prof. Sampath Kumar K.P

**SOUTH ASIAN GEOSCIENCE STUDENTS' CONFERENCE 2015 [July 27, 2015]** started with introduction and welcome speeches by Mr. Tejaswi Prakhari, Ms. Subhanita Mukherjee and Dr. C.H. Mehta, Chairman of SAGSC'15 as Honorable Guests for the occasion.

**WORKSHOP ON EMBEDDED SYSTEM-HARDWARE [12 SEPTEMBER 2015]** was organized by the Dept. of Electronics, Instrumentation and Control. While the first phase of the workshop focused on the embedded hardware design, the second phase threw light on firmware design





**ENGINEERS DAY [15 SEPTEMBER 2015]** was Celebrated as a tribute to Bharat Ratna M. Visvesvaraya. Participated by more than 50 students and faculty members, the event started with a Yoga session followed by interactive events.

**UURJA [10-11 OCTOBER 2015]** is the cultural event of UPES. The theme this year was 'Superheroes'. The event was inaugurated by the Chief Guest, Mr. Amit Sinha, IG Uttarakhand. There were more than 37 events in FlagShip, Special and Fun events categories viz arts, photography, music, dance, poetry, drama and a lot more. The finale was concluded by a performance from the rock band "FARIDKOT". It was a fitting climax where nearly 8000 cheering students danced the evening away.



**BIRTHDAY CELEBRATION OF LATE DR. A.P.J. ABDUL KALAM [15 OCTOBER 2015]** - Organized by the Aero Club of Aerospace Department, the students and faculty demonstrated the show of Quadcopter and Hexacopter unmanned aerial vehicle and acrobatic stunts done by aircraft models on this day.



## **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**

#### **BEST PAPER IN 3RD SOUTH ASIAN GEOSCIENCES CONFERENCE**

Ms. Anna Arora won the best paper in 3rd South Asian Geosciences Conference held from January 11-14, 2015, New Delhi.

#### **INTERNSHIP AT TEXAS A&M UNIVERSITY, SANDIA NATIONAL LABORATORIES, OAK RIDGE NATIONAL LABORATORY**

One Student from M.Tech Nuclear Science & Technology was nominated for 4 weeks Nuclear Security Training Series (NSTS) during summers. He also had the opportunity to meet with world-renown technical experts, gain new ideas for research topics, tour facilities with nuclear material, get hands-on nuclear security and safety training.

#### **INTERNSHIP AT ESTONIA SPACE OBSERVATORY**

Sharod Chopra (3<sup>rd</sup> year B.Tech Avionics) travelled to Estonia Space Observatory for a European Space Agency funded Nano satellite Remote Sensing Project. He represented UPES in an international forum for European Nano Satellite initiative in August 2015.

#### **WINNERS OF TATA CRUCIBLE QUIZ COMPETITION**

Two students of UPES Mr. Muddasir Khan and Mr. Bhodanapu Vishnu, both student of College of Engineering Studies won the Regional Finals of the prestigious "Tata Crucible" quiz beating IIT Roorkee with a prize money of Rs 100,000. In the preliminary round 75 teams participated from various colleges including IIT Roorkee, IIM Kashipur and others from all over Uttarakhand.

### PHASE-I: ROLL ON ROLL OFF DESIGN CHALLENGE



Organized by Lockheed Martin, UPES was among the top 5 Universities from India selected for phase-II along with IIT-D, IIT-M, DTU & BITS-Pilani.

### BEST INNOVATION AWARD

UPES Team HAWK 2.0 won the award with a cash prize of INR 15,000 in the 'Light Weight' event.



### EFFICYCLE 2015 LIGHT WEIGHT SEASON

Hosted by LPU Jalandhar, UPES Team finished 5th in the 'Endurance Race'.



### KPIT SPARKLE COMPETITION - All India Science & Engineering Students Contest

Students of Power System Engineering have been shortlisted for the 2<sup>nd</sup> round of the KPIT Sparkle competition.

### NATIONAL KART RACING CHAMPIONSHIP (NKRC) SEASON 2

UPES B.Tech (ADE) Team XLR8 won Autocross Award at the National Kart Racing held at RPM International Kart Racing Circuit, Bhopal

## **COLLEGE OF LEGAL STUDIES**

### **6<sup>TH</sup> NATIONAL LAW SCHOOL MODEL UNITED NATIONS (11-13 APRIL 2015)**

Organized by National Law University Bangalore, two students of UPES-CoLS Mr. Aaron Mirza and Mr. Sukhandeep Singh participated. Over 200 students participated from leading institutions like NLSIU, NALSAR, NLUO, DSNLU, VIT, SRM, NIRMA UNIVERSITY, UPES, CHRIST UNIVERSITY, MS RAMAIAH COLLEGE OF LAW, NUALS etc., being the prominent ones.

Topics covered:

- ~ Prospects of an Anti - Conversion Bill; and
- ~ Legitimacy and Necessity of the Land Ordinance (as passed by the Lok Sabha and re-promulgated by the President in April, 2015)

While Mr. Aaron Mirza – Won the Best Delegate Award, Mr. Sukhandeep Singh won 2<sup>nd</sup> position in All India Parties Meet, NLSMUN 2015.

### **AMITY UNIVERSITY MOCK PARLIAMENT 2015**

Vani Garg -B.Tech LLB IV and Kanishk Gupta, Aprajita Gupta, Dipta Khatri - BBA LLB IV) won the Best Delegatory Team and Best Parliamentarian Award at the Mock Parliament Competition organized by Amity University.

**BEST MEMORIAL AWARD IN THE 3RD JUS AMICUS NATIONAL MOOT COURT COMPETITION, 2015.**

Team constituting Nishtha Singh, Prateek Semwal, and Aalek Jain of B.A., LL.B (Hons), IVth Semester won the Best Memorial Award in The 3rd Jus Amicus National Moot Court Competition, 2015.

**BEST INDIVIDUAL AWARD IN THE GALGOTIA UNIVERSITY NATIONAL YOUTH PARLIAMENT, 2015.**

Aron Mirza, Gandharv Garg, Sansha Mahajan, Karan Negi, Pranjal Pachauri won the Best Individual Award in The Galgotia University National Youth Parliament, 2015.



**CYBER BLOGGER OF THE YEAR 2015**

Institutionalized jointly by Maharashtra Government, IIT Bombay, Mumbai Police Cyber Crime Wing, Asian School of Cyber Law and BlogIndia.com, students of 4th year Int. B.Tech Computer Science & Engineering+LL.B Hons with specialization in Cyber Laws at UPES bagged the prestigious “Cyber Blogger of the Year 2015 award”. The award was presented at the International Conference on Cyber Crime by Home Minister of Maharashtra Dr Ranjit Patil.

**INDIRA GANDHI MODEL UNITED NATIONS (28-30 AUGUST 2015)**

CoLS Team Muktika Kush (3rd year B Tech. LLB), Obhiroop Ghosh (3rd year BBA LLB), Snasha Mahajen (3rd year BA LLB), Sarthak Sharma (2nd year BA LLB) and Debajyoti Chakravarty (3rd year BA LLB) won 5 National Awards at the Indira Gandhi Model United Nations. The awards were presented by Ms.Sonia Gandhi.

### **SURANA & SURANA TRIAL ADVOCACY COMPETITION**

CoLS Moot Team Aayush Agarwal, Shreyas Jain, Deepmala, Sumi won 3 National Awards - **Runners-up** in the Competition, **Spirit of Surana** award and the **3rd best** Memorial prize.

### **TRANS NATIONAL MODEL UNITED NATIONS**

Organized by the Chanakya National Law University, Patna, the UPES CoLS MUN Team won 2 National Awards.



### **SURANA AND SURANA NATIONAL JUDGEMENT WRITING COMPETITION**

CoLS Team won the 1<sup>st</sup> Rank Ketan Dayal, BA, LL.B (Hons) student has won the Best Members Award of the **All India Parties Meet**. Ketan represented Ms. Sushma Swaraj the current Foreign Minister of India.

### **FDI INTERNATIONAL MOOT COURT COMPETITION AT KINGS COLLEGE LONDON (27 October to 2 November 2015)**

UPES Moot Team comprising Mr. Aditya Pillai and Ms. Nupur Priya qualified the South Asian rounds. This is pertinent to mention that total 52 teams participated from all over the world of which 5 teams from India participated. The team has got sponsorship of Rs. 1,35,000/- jointly shared DSK Legal and Zeus Law associates for participating in the Competition. UPES team was ranked 14<sup>th</sup> at the International level.

**LEX BONANZA NATIONAL MOOT COURT COMPETITION** organized by Indore Institute of Law MP University, our team from CoLS won 3<sup>rd</sup> rank.

## ALUMNI ACHIEVEMENT

### GOOGLE LUNAR X PRIZE COMPETITION

Team Indus (Adithya Kothandpani, Vinayak Vadlamni and Udit Shah, alumni's of Aerospace Engineering Department), received the 1 Million Dollar Milestone prize from the Google Lunar X Prize competition. The student's worked rigorously on the control systems and landing equipment.

Of the 18 teams competing, Team Indus from India was one of the 3 most promising candidates besides Astrobotik (USA) and Moon Express (USA) for success.



### MR. RAHUL KINRA AN ASSOCIATE @ J. SAGAR ASSOCIATES LAW FIRM

One of our alumni - Mr. Rahul Kinra an Associate at J. Sagar Associates Law firm, has featured in an article on "Legally India" which inter-alia acknowledges the sincere contribution of the legal counsels engaged in the highly sensitive matter of power distribution companies' audit by Comptroller and Auditor General of India, before the Hon'ble High Court of Delhi.

Mr. Rahul is on the path of carving out a very unique reputation for himself and is being recognized as a budding electricity law specialist in the legal fraternity and the power sector. His efforts are playing a key role in enhancing the brand value of the College of Legal Studies, UPES and would inspire the students especially those who are aspiring to practice in the field of Energy Laws.

## CONFERENCES, WORKSHOPS AND EXHIBITIONS

### FIRST DOCTORAL COLLOQUIUM @ ABU DHABI

UPES organized its first Doctoral Colloquium on January 24, 2015 on the auspicious occasion of Saraswati Puja at Abu Dhabi. The event included paper presentation by PhD scholars and witnessed great participation from external guides, senior professionals working in the Energy sector (Gulf Region) and other aspiring PhD scholars. The Colloquium was inaugurated by Dr. Parag Diwan.



### 14<sup>TH</sup> OIL & GAS HR ROUND TABLE [AUGUST 27, 2015]

The theme of the conference was “People Practices to Future Proof Organizations.” Over 150 professional had participated.

Mr. Yogi Sriram, Sr. Vice President (Corporate HR), L&T Ltd was the Program Director. 8 senior HR professionals

representing major O&G companies, like Schlumberger, Essar Oil, L&T Ltd., Weatherford, IOT Infrastructure, Hindustan Petroleum, Ernst & Young, Gujarat State Petronet actively contributed as members. The topics covered during the round table were:

- ❖ Oil & Gas Industry: Future Trends & Talent Imperatives
- ❖ Future readiness: How do HR practices of national & multinational oil companies' fare?
- ❖ Future proof organizations: The answer lies in learning agility and talent fungibility!
- ❖ Industry Panel Discussion – Looking through an optimistic lens: Where is the downturn?
- ❖ Employee value proposition – A key to drill for and hold onto the oil & gas talent!

This year's round table was also utilized to launch the UPES Placement Brochure 2015-2016 by Chairman, Hindustan Petroleum Corp. Ltd., Ms. Nishi Vasudeva, in presence of Mr. Amit Sevak, CEO, Laureate Education South Asia.



### **NEXT GENERATION COMPUTING TECHNOLOGIES (NGCT'15) CONFERENCE**

The Centre for Information Technology, UPES, successfully organised the first of its kind International Conference on September 15, 2015. The event was held in collaboration with IEEE, Uttar Pradesh, and was co-sponsored by DRDO, DST, UCOST and RCPL.

The Director General of UCOST Dr. Rajendra Dhobal was the chief guest, and Vice Chancellor of Uttarakhand Technical University Dr. P.K. Garg was the guest of honour.

### **INAUGURATION OF INDUSTRIAL HYGIENE LABORATORY [21 SEPTEMBER 2015]**

Inaugurated by Ms. Anumita Roy Chowdhury, Executive Director, Centre for Science & Environment, encouraged the students and faculty to contribute towards creating a hazard-proof world and gave a glimpse of the work her organization has performed in the last three decades on the detrimental effect of motorization on the quality of air along with its active and passive effects on life in urban areas

### **5TH POWER HR ROUND TABLE @ INDIA INTERNATIONAL CENTRE, NEW DELHI [OCTOBER 14, 2015]**

Participation by over 60 companies, the theme of the conference, "Multitasking by Human Resources for the Power Sector" wherein 7 CEOs participated to deliberate on their perspective of the chosen topic, representing Sterlite Power Grid Ventures Ltd., Alstom T&D India Ltd., Adani Power Ltd., Tata Power Delhi Distribution Ltd., L&T Power Development Ltd., Power Sector Skill Council and Hay Group.

Some of the topics covered were:

- a. Multi-tasking by human resources for the power sector – Indian & global scenario
- b. UPES – Endeavor to make industry ready students
- c. Multi-tasking by human resources for the power sector
- d. What differentiates best workplaces – insights into some unique & emerging HR practices

The Power HR Round Table also witnessed participation of 8 senior HR professionals representing major power companies, like Power Grid Corp., CERC, Adani Power, Tata Power, Jindal Steel & Power, NTPC, Sterlite Power Grid, Hay Group, L&T-MHPS Boilers and Lanco Power actively contributed as members. In addition, 12 Speakers representing blue chip Power companies namely, Adani Power Ltd., Tata Power Co. Ltd., NTPC Ltd., Sterlite Power Grid Ventures Ltd. and Jindal Steel & Power Ltd., etc. also graced the occasion.

### **MEDIATION WORKSHOP [17-19 OCTOBER 2015]**

The Legal Aid Cell of UPES organized by the Legal Aid Cell, the Mediation Workshop was conducted for 4<sup>th</sup> year BA, BBA, B.Tech, LLB students. The event witnessed participation of 109 students in various events. The students were judged by Eminent Legal Luminaries from High Court viz. Mr. Niranjan Bhatt, Sr. Counsel, Ahmedabad High Court, Mr. J.P. Sengh, Sr. Advocate, HCI- Travel; Ms. Veena Ralli, Advocate, Delhi High Court; Mr. Atul Buchar, Delhi High Court; and Mr. Sudhanshu Batra

It was a rich learning experience for students as they got an opportunity in experiencing Mediation in a Simulated Environment.



### **140TH BIRTH ANNIVERSARY OF SARDAR VALLABHBHAI PATEL – ‘IRON MAN OF INDIA’ [OCTOBER 28, 2015]**

To commemorate 140<sup>th</sup> birthday of Sardar Vallabhbhai Patel, series of activities were conducted

- ✓ Dr. R. R. Singh, ED- Head, Corporate Vigilance, ONGC appealed to students to create a culture of integrity, honesty, as also to practice and preach the same behavior in country's interest.
- ✓ Mr. N K Singhal, DGM (Vigilance) and Mr. Pankaj Sethi, DGC (Vigilance) made presentation on "corruption and its effect on country's economy and to common man" and Central Vigilance Commission and its operations
- ✓ Developed a short clipping on "Prevention of Substance Abuse"
- ✓ Dr. Veena Krishnan, Clinical Psychologist & Student Counselor conducted interactive session on "Know Problem=Know Life"



### **DIGITAL INDIA WEEK [OCTOBER 30 - NOVEMBER 4, 2015]**

As mandated by University Grants Commission, the Digital India Week was inaugurated by Dr. Bivas Chaterjee, Special Public Prosecutor on Cyber and E- Evidence Law and Advocate at all the Courts. The purpose was to transform India into a digitally empowered society and knowledge economy and the focus was on making technology central to enabling change.

Mr. ILN Rao, Project Manager, CDAC briefed the students about “Cyber Crime and ways to secure themselves from potential threats” and “IT Security Awareness for Management and Law Students”. Other events held were:

- ✓ Poster Presentation on "Digital India" & "iCos & Blackboard Benefits"
- ✓ Essay Competition on "MY DIGITAL INDIA" / "e-learning in UPES"
- ✓ Debate on "Restriction over internet access in Academic Institutions"

## INSTITUTIONAL AWARDS

### THE NDTV – PARRYWARE PROPERTY AWARD

UPES won the Award of Excellence under the category of “The Environment Friendly Office Space – by Owner”. This award was bestowed by THE NDTV – Parryware Property Award Ceremony held at Mumbai.

Mr. Pankaj Roy Gupta collected the award on behalf of UPES from the hands of Honourable Minister of State Infrastructure and Urban Development, Shree Babul Supriyo.

### EXCELLENCE IN EDUCATION BY CSR

Awarded with “Excellence in Education” by Competition Success Review, Ms. Deepa Verma, Director (IA) received the award on behalf of the University at the CSR Award Ceremony held on April 19, 2015 at Hotel Le Meridien.

Other prominent recipients were IIT Roorkee & IIT Guwahati, IIM Kashipur, Kozhikode & Indore, etc.



### **FRANK V MASTRIANNA EDUCATIONAL LEADER OF THE YEAR AWARD BY IACBE**

In order to honor individuals who are exemplary higher education leaders and who have made significant contributions to an institution of higher education or a higher education organization, Dr. V.J. Byra Reddy, Associate Vice President (Academics & Accreditations) received the Frank V Mastrianna Educational leader of the year award on 16<sup>th</sup> April 2015.



## RESEARCH AND DEVELOPMENT

### SPONSORED RESEARCH PROJECT

Title	Agency	Investigators	Duration	Rs (lakhs)
Development of Knowledge-based Tutoring system for seismic data interpretation using visual and analytical tools integrated intelligent tutoring	DST	Dr. Neelu Jyothi Ahuja	3 Years	18
Woman Technology Park	DST	Dr. Neelu Jyothi Ahuja	3 Years	50
Immobilization of enzymes on various nanostructures for the fabrication of bio-sensors	DST Indo-Slovenia	Dr. Jitendra K. Pandey, Dr. Sanket Goel and Dr. Željko Knez (Univ of Maribor)	3 years	25
Workshop on 'Environmental Awareness, e-Waste Handling & Management'	UCOST	Dr. Nihal Siddique	1 Month	0.4
Workshop on 'Fire & Safety'	UCOST	Dr. Nihal Siddique	1 Month	0.4

### MEMORANDUM OF UNDERSTANDING - INTERNATIONAL

Prof. Eric Climent – Deputy Director, Institut Mecanique des Fluides de Toulouse - University of Toulouse and Prof. of Particles, Spray and Combustion visited UPES on 28-30 Jan 2015. The MOU was signed between the both institutions in the areas of student exchange, research collaborations and faculty exchange programs.

## PATENTS

#	Area/Topic	Inventors	File Number
1	Fabrication of Vertically aligned Copper Nanotubes (CuNTs) as a Novel Electrode for Enzymatic Biofuel Cells (EBFCs)"	Mr. Diwakar Kashyap, Mr. Venkateswaran PS, Dr. Jitendra K. Pandey and Dr. Sanket Goel	#1231/DEL/2015
2	An Optofluidic Microviscometer for measuring Adulteration in a Fluid	Mr. Venkateswaran PS, Mr. Abhishek Sharma, Dr. Ajay Agarwal and Dr. Sanket Goel	#780/DEL/2015

## DISTINGUISHED LECTURE SERIES

### Distinguished Lectures by Bharat Ratna Professor C.N.R. Rao, FRS [25-27 March 2015]



Prof C.N.R. Rao delivered two distinguished lectures on "Doing Science in India" and "Celebration of Science" to the faculty and students. Prof. Chintamani Nagesa Ramachandra Rao FRS, also known as C.N.R. Rao, is an Indian chemist who has worked mainly in solid-state and structural chemistry. He currently serves as the Head of the Scientific Advisory Council to the Prime Minister of India. He was also the **Chief Guest** during the **Bi-annual R&D C<sup>3</sup> Research Award Ceremony and Awards** were handed over by **Bharat Ratna Professor C.N.R. Rao, FRS** to all the high-fliers (faculty members). **57 faculty members** were awarded for their contribution in **Research Papers, 3 Faculty Teams** for receiving **Sponsored Research Projects** and **1 Faculty Team** for their triumph in **filing patent** of their developed technology.

### Keynote Lecture by Professor Debabrata Das [4<sup>th</sup> April 2015]

Dr. Debabrata Das, Chair Professor, Department of Biotechnology, Indian Institute of Technology, Kharagpur delivered a guest lecture on 'Recent developments on Biohydrogen Production processes from organic wastes' to 20 faculty members and 40 students at the MDC Boardroom.



### Visit of ISRO Officials

A group of scientists from VSSC (ISRO), Thiruvananthapuram - Mr. M.V. Dhekane, AD R&D, along with Dr Benny K George, Mr. R Sujithkumar, and Mr. PV Anil Kumar, visited the UPES campus from July 2-3, 2015 with an objective to enhance the academic base, generate quality human resources and infrastructure at the Indian academic institutions in order to support the space program of the country and delivered a series of lectures on various research areas.





**Padma Vibhushan Prof. J.V. Narlikar**, an internationally acclaimed proponent of steady State Cosmology visited UPES Campus Dehradun on 5th September 2015. Prof. Narlikar delivered lecture on “Searches for Extra Terrestrial Life: An Indian Experiment”. In his august presence, Teachers Day was also celebrated.

**Mr. Kartik Suryanarayanan, Director Engineering UOP India Private Limited, Gurgaon**

Mr. Kartik Suryanarayanan, visited UPES on 19<sup>th</sup> September 2015 and delivered a talk entitled “*A Personal Perspective on Crude oil Prices; Technology Drivers and the Skills gap in the Indian workforce*”. The lecture revealed on how the dramatic fall in crude oil prices will further affect workers in the industry and offer advice for future need of skilled Indian workforce.

**RESEARCH INITIATIVE FOR STUDENTS OF ENGINEERING (RISE)**

The initiative will identify the brightest 25 research proposals from UG students and 25 from PG (M. Tech) students. UPES will extend financial support for UG level proposals limited to INR 20,000/- , while for PG level it will be up to INR 30,000/-. A total of 126 proposals were obtained.

**DISTINGUISHED LECTURE SERIES – CEO SPEAK CLUB [14-16 SEPTEMBER 2015]**

Under the aegis of **CEO Speak Club**, series of lectures of CEOs were organized

- ❑ CEO of Sidkul Uttarakhand **Mr. Harinder** discussed the need of entrepreneurs in our country and motivated the students pursue their dreams

- **Mr. Philip Bruner**, Founder & CEO, Enian Ltd. (Edinburgh, UK) talked about creating a digital platform to boost the efficiency and effectiveness of the renewable energy sector



## QUALITY ASSURANCE INITIATIVES

The University has adopted Quality Assurance as a way of life since its inception. The University has recently created a Quality Assurance Centre (IQAC) in the year 2014. A brief mission of this Centre is as follows:-

- To develop a system for conscious, consistent and catalytic action to improved the academic and administration performance of the Institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.
- To conduct benchmarking studies
- To develop a strong quality monitoring system
- To get accreditation of the University and its Programs by renowned Natio
- To foster Quality Culture at all levels thus ensuring quality as a way of life

### The composition of the IQAC

1.	<b>Chairperson (Ex-Officio)</b>	Vice Chancellor
2.	<b>Senior Administrator Officers (Ex-Officio)</b>	<ul style="list-style-type: none"> <li>● PVC</li> <li>● Director (IA)</li> <li>● Dean, Colleges of Engineering Studies</li> <li>● Dean, College of Management &amp; Economics Studies</li> <li>● Dean, College of Legal Studies</li> <li>● Director Student Affairs</li> <li>● Controller of Examination</li> <li>● Chief Finance Officer</li> <li>● Registrar</li> </ul>
3.	<b>Faculty members</b>	1. Prof S.C.Gupta, (Civil Dept.), COES 2. Dr Manas Pradhan (CIT), COES 3. Dr Rajiv Gupta (Physics), COES 4. Prof. Loveraj Takru, CoMES 5. Dr. Tarun Dhingra, CoMES 6. Dr. Ramesh Kumar, COLS
4.	<b>Members from Management</b>	1. Campus Director 2. Dr. J.P.Gupta, Director Emeritus - QA
5.	<b>Administrative/technical staff</b>	1. Mr. Sandeep Vasist, Financial Controller 2. Ravindra Yatagiri, Dy. Director – IT 3. Mr. A.P. Semwal, Assistant Registrar – Academic Affairs
6.	<b>Existing students</b>	Mr.Aamir Lokhandwala, B.Tech (APE) – 2011-15.
7.	<b>Alumni</b>	1. Anugunj Agarwal – MBA(LSCM, 2009-11) 2. Shival Dubey, M.Tech. (Robotics) 2010-12
8.	<b>Employers/Industrialists</b>	On Invitation.

9.	<b>Members from local Society</b>	1. Dr. Vinay K Varshney, Head of Chemistry Division, FRI, Dehradun 2. Dr. Chinnappan Baskar, Associate Professor of Chemistry Academic In-charge & Controller of Examination THDC Institute of Hydropower Engineering and Technology, Tehri
10.	<b>Member Secretary (Ex-Officio)</b>	Dr. S.R. Das, Senior Professor & Vice-President (Academic Affairs)

The tenure of IQAC other than ex-officio members is 2 years. External Experts are invited as Special Invitees to advise the Quality Assurance Cell.

During 2014-15, three meetings have been held (20<sup>th</sup> November 2014, 18<sup>th</sup> February 2015 and 2<sup>nd</sup> May 2015). The major recommendations of the IQAC implemented so far are as under:

1. Concurrent Academic Audit has been taken up at the department level.
2. Choice based Credits System
3. 10 point grading system
4. Online Alumni Feedback

- **On Going Initiatives**

- a) **College of Management**

UPES has applied to International Assembly for Collegiate Business Education (ICABE) for accreditation of its following programs:

- a. MBA (Oil and Gas)
- b. MBA (Logistics and Supply Chain Management)

Based on their first visit to UPES, we have successfully completed Phase I and are now a candidate for accreditation. It is expected that this process will be completed by 2017.

- b) **College of Engineering**

UPES has applied to National Board of Accreditation (NBA) for accreditation of its following programs:

- (i) B.Tech (Applied Petroleum Engineering) with Upstream and Gas stream specialization
- (ii) B.Tech (Automotive Design Engineering)
- (iii) B.Tech (Chemical Engineering) with specialization in Refining and Petrochemicals

- **ISO- Periodic Surveillance Audit**

The predominant objective of ISO driven system is '**continual**' improvement; through well-defined processes, documentation of the processes, its effective implementation and continual feedback system to further improve the effectiveness of processes and systems. In the context of the assertion made about the predominant objective of the ISO Certification; it is essential to bear in mind that the documentation made mandatory by these processes helped the university navigate through the accreditations both national (NAAC) with ease. UPES accredited with ISO 9000 (QMS) certification in Aug. 2006 and subsequently renewed in 2009 and 2012. The university also got accredited with ISO 14001:2004 (EMS) in Aug. 2012. In essence, ISO process reflects how the institution is performing and provides a road map for improving the system effectiveness. A few of the improvements that the ISO documentation has brought about at the University over last few years are:

- ✓ Consistent improvements in the Course Plans across the colleges
- ✓ The quality objective of improving placement quality and percent of students placed, helped career services devise ways and means to consistently achieve the target and exceed it
- ✓ Summer internship mentor feedback was introduced in the career services department

- ✓ helped Library to maintain a healthy Book ratio per student and provided a framework to meaningfully analyze user feedback
- ✓ ISO documentation has helped labs follow 'ISO Lab Manuals' and consequently get the machines / testing equipment's calibrated on a regular basis.
- ✓ Helped getting the flowchart of the process of 'Syllabi Design' that has been incorporated in the procedure manual in conduct of CCM, BoS and Academic Council.
- ✓ ISO has also fostered strong and appropriate safety mechanisms in the campus.
- ✓ Purchase order form and inspection of inward materials has been introduced through ISO



## EXTRA CURRICULAR ACTIVITIES

### **Hand Ball**

4<sup>th</sup> Intra mural Handball tournament was held in the month of Feb, 2015.

16 teams in Men section and 7 teams in Women section (160 Men students & 70 Women students) from various courses participated in the tournament.

Final match in Women section was played between black bird (IV year students) V/S super strikers (III year students) .Black bird won the match by a score of 5-2 goals

In Men section P.K. XI (students of III year) beat MASTERS XI (students of PG- I year) by 8-5 goals.

Prize Distribution Ceremony was graced by Ms Sushila Rana Ex International Handball player as the Chief Guest and Director Student Affairs – Brig Dr. Anil Sharma (Retd)

### **Basket Ball**

2nd Intra mural Basketball tournament held in the month of March, 2015.

13 teams in Men section and 5 teams in Women section (130 Men students & 50 Women students) from various courses participated in the tournament.



## **FOOTBALL**

9th Intramural Football tournament in the month of August, 2015. 49 teams (784 students) from various courses participated in Men Section and 8 teams in Women Section.

The Men section was inaugurated by Brig (Retd) Dr. Anil Sharma - Director Student Affairs whereas the Women section was inaugurated by President – Mr. Utpal Ghosh in the presence of Vice Chancellor – Dr. Shrihari.

The Final Match in the men section was played between – M.Tech 2<sup>nd</sup> year and B.Tech 2<sup>nd</sup> year in which B.Tech

2<sup>nd</sup> year won the match by 1-0.

Hamza Aliof M.Tech 2<sup>nd</sup> year was awarded Golden Boot for 09 goals in the tournament while Vineet Singh of B.Tech 4<sup>th</sup> year was given the Golden Goal Award.

Uma Shankar of M.Tech 2<sup>nd</sup> year was given the Golden Gloves award.

Final of Women section was played between Combined team of 1<sup>st</sup> and 2<sup>nd</sup> year versus combined team of 3<sup>rd</sup> year and 4<sup>th</sup> year in which the senior won by 1-0.

Padamshree – Loveraj Singh was the Chief Guest for the final matches. Shri Love Raj Singh ji is the only Indian who has reached the Mt. Everest top for a record five times.

## **CRICKET**

56 teams from various courses comprising of 896 players participated in the 8<sup>th</sup> Intramural Cricket tournament at UPES.

The Tournament was played as per the rules of T20 cricket of BCCI.

Combined team of III<sup>rd</sup> year won the championship by defeating a combined team of II<sup>nd</sup> year by 8 wickets after chasing 112 runs in 18.3 over.

Best batsman of the tournament was Harshit Rawat, B.Tech III year with 212 runs.

Best bowler of the tournament Nitish Tanwar, B.Tech III year with 9 wickets. Man of the series was Aditya Katoch from MBA- I year with 96 runs, 3 wickets, 4 stumps, 3 catches and 3 run outs.

The semifinals and final match were officiated by Umpires from National School of Cricket.

### **VOLLEYBALL @CoMES**

A Volley Ball Tournament was organized at Kandoli campus with the support of Sports Cell of CoMES. 11 teams in men section and 0-2 teams in women section participated in the event. Combined team of MBA 2nd year won the championship in Men Section whereas combined team of MBA and BBA 1st year won the Women Championship.

### **OFF CAMPUS PARTICIPATION**

- UPES Teams participated in Annual National Sports Festival at Ram Manohar Lohiya National Law University, Lucknow from 18<sup>th</sup> to 21<sup>st</sup> Feb. 2015 in following disciplines:-
  - ❖ Basketball (Men)
  - ❖ Cricket (Men)
  - ❖ Table Tennis(Men )
  - ❖ Badminton (Men & Women)
- UPES Basketball & Cricket teams won the Championship whereas Table Tennis and Badminton reached the semifinals. Himanshu in Basketball and Kawaljeet in Cricket were declared man of the series.
- UPES basketball team won the Silver Medal in 1<sup>st</sup> IMG Reliance Indian College Basketball league being organized by Reliance.
- UPES won all its league matches, won the semifinal against Dehradun Institute of Technology. In a nail biting final UPES lost the final against D.A.V. College by 2 points.
- UPES student cricket team participated and reached the semifinal in “RUNN” Inter Collegiate Cricket Tournament organized by College of Engineering Roorkee (COER). IN the semifinal we lost to CCS Meerut by 01 wicket.



### **INAUGURATION OF SPORTS FACILITIES AT KANDOLI CAMPUS**

Dr. S.J.Chopra, Dr. Parag Diwan, Prof. Utpal Ghosh , Brig Dr. Anil Sharma in the presence of DEAN – CoMES, Faculty and staff inaugurated 1 basketball court, 2 volleyball courts & 2 badminton courts at Kandoli Campus.

On this occasion an exhibition volleyball match was played between Faculty and Students of CoMES.

### **Academia Industry Interface**

- ✓ As an annual feature UPES organized the VIIth Energy Cup on 25<sup>th</sup>& 26<sup>th</sup> April, 2015.
- ✓ Teams from Schlumberger, Cairn India & the hosts UPES participated in the event.
- ✓ CAIRN INDIA won the Championship.Utkarsh from CAIRN was declared the best bowler of the tournament.
- ✓ Saideep K from CAIRN declared the best batsman of the tournament
- ✓ Gaurav Saxena from CAIRN was declared the Man of the Tournament for his excellent performance both with bat & ball. Vaibhav Jarat of Schlumberger won the fair play trophy.

### **Adventure and Trekking**

Various treks were organized in the month of August for the students of various courses.

The treks were organized on the route of UPES – THAQN GAON – TEMPLE of VISHNU on the hill top of PATTI MISRA – UPES, making a total of 12 kms.Total 296 students participated in 03 treks on different dates.

## **Fresher's Parties @ UPES**

To officially welcome the Fresher's we had organized fresher's parties on:-

- ✓ 23<sup>rd</sup> August for CoMES
- ✓ 30<sup>th</sup> August for CoES (Non CIT B Tech + B DES)
- ✓ 06<sup>th</sup> September for CoES (CIT B Tech + M Tech + MDES)
- ✓ 13<sup>th</sup> September for CoLS

The parties started with Lamp Lightening followed by Sarasvati Vandana and Ganesh Stuti. Students of 2<sup>nd</sup> year also displayed a Band performance to welcome the fresher's.

The main attraction of the event was competition for Mr. & Ms Fresher's which included 03 rounds, Ramp Walk & Introduction, Talent & Questionnaire.

Students enjoyed the most on DJ which was played at the sports ground.

## HUMAN RESOURCES

UPES makes a continuous endeavor to strengthen the faculty by recruiting senior professionals from oil and gas, energy and power sectors for the College of Engineering Studies; College of Management and Economic Studies and Legal professionals for College of Legal Studies.

The faculty strength of College of Engineering Studies now stands at 317, College of Management and Economic Studies 76 and College of Legal Studies 26, thereby taking the total faculty strength from 350 in last year to 419. 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. As of now, the strength of technical and administrative support staff is 134.

### FACULTY DEVELOPMENT INITIATIVES

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:

- ✓ Financial support to faculty members for attending outside workshops, conferences and refresher courses
- ✓ Constant encouragement to faculty to improve their qualifications by enrolling for Ph.D programme. 10 faculty members obtained Ph.D degrees during the year.

### The Faculty-Industry Attachment Program

“**Abhigyat**” which means “**enlightened**” is unique and novel initiative for faculty to gain insights and skills through Industry exposure to enrich classroom teaching. In the year 14-15 faculty members were nominated to attend the faculty industry attachment program at:

- ✓ Essar
- ✓ NAL
- ✓ ONGC
- ✓ SAIL
- ✓ Schlumberger
- ✓ GMR
- ✓ HPCL
- ✓ L&T
- ✓ Technip
- ✓ Thermax
- ✓ WorleyParsons



“**My first ever visit to a drilling site – a life changing experience**”  
 Prof. Uday Bhan at Essar facility at Durgapur

### 2014 EMPLOYEE ENGAGEMENT SURVEY

- Constituted five focus groups across all colleges and locations in recommendations and action planning
- The focus groups overviewed the reports and threw ideas on four significant aspects of our survey reports from last year, namely – *Communication, Managerial Effectiveness, Growth and Development and Involvement & Belongingness*

### FACULTY PRESENTATIONS IN NATIONAL/INTERNATIONAL SEMINARS/ CONFERENCES

S.No	Name	Topic	Event/Venue
1	Dr Ashish Tripathi	“An analysis of the soft infrastructure of finance in the light of the eternal Indian Vedic Philosophy”	3rd International Conference on Management of Infrastructure
2	N. Bhanu Prakash, Dr. Tarun Dhingra, Dr. T. Bangar Raju	Financial Indicators of Major Ports of India: Efficiency Measurement Using Data Envelopment Analysis	3rd International Conference on Management of Infrastructure
3	N. Bhanu Prakash, Dr. Tarun Dhingra, Dr. T. Bangar Raju	Cabotage Law-Scope for Development of Indian Shipping Industry	3rd International Conference on Management of Infrastructure
4	N. Bhanu Prakash, Dr. Tarun Dhingra, Dr. T. Bangar Raju	Maritime Boards-Harbours for Industrial Development Through State Level Ports in India	3rd International Conference on Management of Infrastructure
5	T. Joji Rao	Signifying, the approach of auditing in Corporate Governance and CSR in present day scenario.	National conference on corporate governance conducted by IIM Calcutta and National foundation of corporate governance(NFCG) at IIM Calcutta
6	Dr. Ankur Mittal	Estimating the Cost of Capital of BSE Sensex	International Conference on Management of Infrastructure
7	Mitra, S B, Bahuguna & Dhingra Tarun	SHRM- Cross functional strategy in gas utility company	ICMI, 2015 held at CoMES, UPES, Dehradun
8	Yadav Manish & Dhingra Tarun	Critical success factors of Low cost carriers (LCC) in India	ICMI, 2015 held at CoMES, UPES, Dehradun
9	“Velmurugan R S, Dhingra Tarun	A Study on asset management for a sustainable gas transmission and distribution	ICMI, 2015 held at CoMES, UPES, Dehradun
10	Yadav Manish & Dhingra Tarun	Competitive advantage of Air-Asia in India-Route development modeling	ICMI, 2015 held at CoMES, UPES, Dehradun
11	Damodaran Akhil & Dhingra Tarun	Is it the shop which run the airport or th runways	ICMI, 2015 held at CoMES, UPES, Dehradun
12	Bhanu Prakash N, Dhingra Tarun & Bangar Raju T	Fiancial indicators of major ports of India: Efficiency measurement using DEA analysis	ICMI, 2015 held at CoMES, UPES, Dehradun
13	Dr Rajesh Tripathi	Advertisement Clutter: A spreading tentacles on FMCG Consumers	Conference- ICMI-2015, UPES, Dehradun
14	Dr. Geo Jos Fernandez	Impact of declining crude oil prices on Indian Economy	Paper has been published in conference proceedings of National Conference on Contemporary Development in Business-2015
15	Dr. Geo Jos Fernandez, Kevin Joseph	Understanding Bunker Potential and Feasibility of LNG as Marine Fuel in the Global and Indian Market	Paper has been published in conference proceedings of International Conference On Management of Infrastructure

16	Rastogi A. K.	A Study of the Export Industry in India: Performance and Constraints	n/a
17	dr.priya grover	A conceptual study of the factors necessary for making smart cities in India livable	international conference on marketing organised by IIM KASHIPUR from April 18,2015 to April19,2015
18	Barthwal, S., & Gupta, N.L.	Cultural values in Indian advertisements vs. cultural values in people of India-A case study from Uttarakhand	IIMA conference on Marketing in Emerging Economies
19	Barthwal, S	Standard advertisements- diverse India: A study form Uttarakhand,	3rd International Conference on Management of Infrastructure (ICMI)
20	Upananda Pani	IVolatility spillover effect between Aluminium spot and futures markets in India	ICMI 2015/UPES
21	R.Jayaraj, Hiranmoy Roy,	“Energy consumption and Human Development: Global Perspective”	ICMI
22	R.Jayaraj, Rahul	“Market Structure of Indian Petro-Retail Sector: Issues and Challenges”	ICMI
23	Manish Yadav	Passenger perception of Airport Operations : Case of GMR DIAL; International Conference on Management of Infrastructure	ICMI
24	Manish Yadav	Critical success factors of LCC carrier in India; International Conference on Management of Infrastructure	ICMI
25	Manish Yadav	Route profitability Index Modeling : Case of Air Asia ; International Conference on Management of Infrastructure	ICMI
26	Yashashwi Gyanpuri, Anil Kumar, Mohammed Yaqoot	Solar resource in the state of Uttarakhand in India: identifying niche areas and applications	ICMI
27	Naveen Chandra Pandey + Anubhav Porwal	Opportunities & Challenges for investment in retail sector in emerging economies.	ICMI
28	Shashank Agarwal, Bharat Jain	Thinking for a better secured Ecommerce	
29	Rajeshwari Deb, Dr. K K Pandey, Dr. Joji Rao	Gamification	
30	Anubhav Porwal , Naveen Chandra Pandey	Oppurtunities & Challenges for investment in retail sector in emerging technolgioes	ICMI
31	Dr. Prasoom Dwivedi	India's Energy Security: Challenges, Policies and Opportunities	International workshop on Bridging Development Divide for Inclusive Growth through Science, Technology and Innovation

32	Dr. Prasoom Dwivedi	Improving Energy Access for Improved Livelihood Opportunities in Rural Uttarakhand through Biomass Gasification based Power Generation: Developing A Suggestive Model	9th Uttarakhand State Science and Technology Congress (USCTC)
33	Kumari,P., Bahuguna,P.C.	Talent Management a Roadmap to Organizational Excellence: A Study of Management Education Institutions in India	ICMI
34	Tanushree Sharma	Electricity Theft in Indian Power Distribution Sector- Are the workplace factors responsible?	International Conference on Management of Infrastructure, UPES, Dehradun
35	Dr. Sumeet Gupta, Dr. Joji Rao & Surbhi Arora	Risk Management in Oil and Gas Sector presented in held at UPES from	2nd International Conference on Management of Infrastructure (ICMI)
36	Prof. Asit Kumar Samadder & Surbhi Arora	The state of the art technology and an environmentally cautious approach for exploration of Shale Gas in India to meet the energy demand	2nd International Conference on Management of Infrastructure (ICMI)
37	S.K. Pokhriyal, Surbhi Arora & P.K. Sahoo	Talent Management: Myth or Reality in Indian Hydrocarbon Industry	2nd International Conference on Management of Infrastructure (ICMI)
38	Aanchal Sharma, Binod Kumar Singh & Neeraj Anand	AN ANALYSIS OF FRUIT PROCESSING INDUSTRY IN INDIA	3rd International Conference on Management of Infrastructure (ICMI), 2015

## FACULTY PUBLICATIONS

### College of Engineering Studies

S.No.	AUTHORS	TITLE	SOURCE TITLE
1	Sehgal, N., Pandey, K.K.	Artificial intelligence methods for oil price forecasting: a review and evaluation	Energy Systems
2	Siingh, D., Singh, R.P., Kumar, S., Dharmaraj, T., Singh, A.K., Singh, A.K., Patil, M.N., Singh, S.	Lightning and middle atmospheric discharges in the atmosphere	Journal of Atmospheric and Solar-Terrestrial Physics
3	Singh, Y., Garg, R., Kumar, S.	Optimization of tribological behavior of Pongamia oil blends as an engine lubricant additive	Green Processing and Synthesis
4	Sharma, R., Singhal, S., Tiwari, A.K., Agarwal, S., Arora, S., Singhal, N.	Influence of pretreatment processes onto bio-methanation of wheat straw	Journal of Renewable and Sustainable Energy
5	Behera, G., Mandal, P., Ramakrishna, S.A.	Complementary layer pairs of plasmonic ladder-like structured films: Fabrication and visible-near-infrared properties	Journal of Applied Physics
6	Mandal, P.	Plasmonic Perfect Absorber for Refractive Index Sensing and SERS	Plasmonics
7	Bisht, K.K., Parmar, B., Rachuri, Y., Kathalikattil, A.C., Suresh, E.	Progress in the synthetic and functional aspects of chiral metal-organic frameworks	CrystEngComm
8	Yaqoot, M., Diwan, P., Kandpal, T.C.	Public financing of solar lanterns versus subsidizing kerosene for domestic lighting in India: A feasibility assessment	Renewable Energy

9	Dubey, A.M., Das Agrawal, G., Kumar, S.	Thermodynamic analysis of a transcritical CO <sub>2</sub> /propylene cascade system with split unit in HT cycle	Journal of the Brazilian Society of Mechanical Sciences and Engineering
10	Singh, S., Jain, S., Ps, V., Tiwari, A.K., Nouni, M.R., Pandey, J.K., Goel, S.	Hydrogen: A sustainable fuel for future of the transport sector	Renewable and Sustainable Energy Reviews
11	Dubey, A.M., Das Agrawal, G., Kumar, S.	Performance evaluation and optimal configuration analysis of a transcritical carbon dioxide/propylene cascade system with vortex tube expander in high-temperature cycle	Clean Technologies and Environmental Policy
12	Pandian, A., Bansal, K., Thiruvadigal, D.J., Sakthivel, S.	Fire Hazards and Overheating Caused by Shading Faults on Photo Voltaic Solar Panel	Fire Technology
13	Choi, S.D., Choi, J.H., Kim, Y.H., Kim, S.Y., Dwivedi, P.K., Sharma, A., Goel, S., Kim, G.M.	Enzyme immobilization on microelectrode arrays of CNT/Nafion nanocomposites fabricated using hydrogel microstencils	Microelectronic Engineering
14	Kashyap, D., Yadav, R.S., Gohil, S., Venkateswaran, P.S., Pandey, J.K., Kim, G.M., Kim, Y.H., Dwivedi, P.K., Sharma, A., Ayyub, P., Goel, S.	Fabrication of vertically aligned copper nanotubes as a novel electrode for enzymatic biofuel cells	Electrochimica Acta
15	Tiwari, A.K., Dar, A.B., Bhanja, N., Arouri, M., Teulon, F.	Stock returns and inflation in Pakistan	Economic Modelling
16	Raj, T., Kapoor, M., Gaur, R., Christopher, J., Lamba, B., Tuli, D.K., Kumar, R.	Physical and chemical characterization of various indian agriculture residues for biofuels production	Energy and Fuels
17	Joshi, G., Rawat, D.S., Lamba, B.Y., Bisht, K.K., Kumar, P., Kumar, N., Kumar, S.	Transesterification of Jatropha and Karanja oils by using waste egg shell derived calcium based mixed metal oxides	Energy Conversion and Management
18	Bhanja, N., Dar, A.B.	"The beauty of gold is, it loves bad news": evidence from three major gold consumers	Economic Change and Restructuring
19	Sharma, V.R., Yadav, A., Singh, P.P., Bala, I., Singh, D.P., Gupta, S., Sharma, M.K., Kumar, R., Muralithar, S., Singh, R.P., Singh, B.P., Bhowmik, R.K., Prasad, R.	Spin distribution measurements in <sup>16</sup> O+ <sup>159</sup> Tb system: Incomplete fusion reactions	Journal of Physics G: Nuclear and Particle Physics
20	Nagpal, G., Bhattacharya, A., Singh, N.B.	Cu(II) ion removal from aqueous solution using different adsorbents	Desalination and Water Treatment
21	Nagpal, G., Bhattacharya, A., Singh, N.B.	Removal of chromium(VI) from aqueous solution by carbon waste from thermal power plant	Desalination and Water Treatment
22	Bhandari, A., Kumar, V.	Effect of magnetization force on ferrofluid flow due to a rotating disk in the presence of an external magnetic field	European Physical Journal Plus
23	Kumar, S., Kumar, P., Singh, V., Kumar Mandal, U., Kumar Kotnala, R.	Synthesis, characterization and magnetic properties of monodisperse Ni, Zn-ferrite nanocrystals	Journal of Magnetism and Magnetic Materials
24	Dubey, A.M., Kumar, S., Agrawal, G.D.	Numerical optimization of a transcritical CO <sub>2</sub> /propylene cascaded refrigeration-heat pump system with	Sadhana - Academy Proceedings in Engineering Sciences

		economizer in HT cycle	
25	Kumar, S., Singh, V., Mandal, U.K., Kotnala, R.K.	Nanocrystalline Co <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite: Synthesis, characterization and study of their magnetic behavior at different temperatures	Inorganica Chimica Acta
26	Sharma, M.K., Yadav, A., Sharma, V.R., Singh, D.P., Singh, P.P., Unnati, Bala, I., Kumar, R., Singh, B.P., Prasad, R.	Experimental study of cross sections in the C 12 + Al 27 system at ≈3-7 MeV/nucleon relevant to the incomplete fusion process	Physical Review C - Nuclear Physics
27	Bisht, K.K., Chaudhari, J., Suresh, E.	Rapid mechanochemical protocol for isostructural polycatenated coordination polymers [M(BrIP)(BIX)] (M = Co(II), Zn(II))	Polyhedron
28	Rathore, V., Tyagi, S., Newalkar, B., Badoni, R.P.	Jatropha and Karanja oil derived DMC-biodiesel synthesis: A kinetics study	Fuel
29	Mishra, R., Kuchhal, P., Kumar, A.	Impact of slots on the performance analysis of microstrip antenna	International Journal of Applied Engineering Research
30	Pant, S., Anand, D., Kishor, A., Singh, S.B.	A particle swarm algorithm for optimization of complex system reliability	International Journal of Performability Engineering
31	Siingh, D., Buchunde, P.S., Gandhi, H., Singh, R., Singh, S., Patil, M.N., Singh, R.P.	Lightning and convective rain over Indian peninsula and Indo-China peninsula	Advances in Space Research
32	Mondal, A.K., Bansal, K.	Structural analysis of solar panel cleaning robotic arm	Current Science
33	Awasthi, M.K., Kumar, V.	Pressure corrections for the potential flow analysis of electrohydrodynamic Kelvin-Helmholtz instability	Journal of Applied Fluid Mechanics
34	Kumari, N., Kuchhal, P., Manohar, B.R., Gowri, R.	An electrical equivalent circuit of slotted metamaterial antenna for mobile handsets	International Journal of Applied Engineering Research
35	Unnikrishnan, G., Siddiqui, N., Honwad, S.	Monitoring probability of failure on demand of safety instrumented systems by Bayesian updating	International Journal of Applied Engineering Research
36	Halder, S., Goyat, M.S., Ghosh, P.K.	Influence of ultrasonic dual mode mixing on the morphology, molecular structure and thermo-physical properties of a SiO <sub>2</sub> -epoxy nanocomposite adhesive	Journal of Adhesion Science and Technology
37	Kapoor, M., Prateek, M., Bansal, K.	Evaluation of mobility managed reactive protocol AODVMM in a sparsely deployed mobile ad hoc network	International Journal of Wireless and Mobile Computing
38	Tiwari, D.K., Awasthi, M.K., Agrawal, G.S.	Viscous potential flow analysis of magnetohydrodynamic capillary instability with heat and mass transfer	Ain Shams Engineering Journal
39	Kurre, S.K., Pandey, S., Garg, R., Saxena, M.	Condition monitoring of a diesel engine fueled with a blend of diesel, biodiesel, and butanol using engine oil analysis	Biofuels
40	Choudhury, S., Kuchhal, P., Yadav, M.S., Singh, R., Anita	Development of PSO based hand held device to monitor the environmental parameters for coal mines and rigs	International Journal of Applied Engineering Research
41	Singh, R., Kuchhal, P., Yadav, M.S., Choudhury, S., Anita	Hardware implementation of PID and ACO based wireless heating system	International Journal on Electrical Engineering and Informatics

42	Goel, S., Dwivedi, P.	Considerations and conceptualisation of solar business model in India: Lessons on technology transfer learnt from Germany	International Journal of Technology, Policy and Management
43	Kashyap, D., Kim, C., Kim, S.Y., Kim, Y.H., Kim, G.M., Dwivedi, P.K., Sharma, A., Goel, S.	Multi walled carbon nanotube and polyaniline coated pencil graphite based bio-cathode for enzymatic biofuel cell	International Journal of Hydrogen Energy
44	Dixena, R.K., Sayanna, E., Badoni, R.P.	A study on tribological behaviours of ZDDP in polymer thickened lubricating greases	Lubrication Science
45	Tiwari, D.K., Awasthi, M.K., Agrawal, G.S.	Viscous potential flow analysis of electrohydrodynamic capillary instability with heat and mass transfer: Effect of free surface charge	International Journal of Applied Electromagnetics and Mechanics
46	Kumar, M., Chandra, R., Goyat, M.S., Mishra, R., Tiwari, R.K., Saxena, A.K.	Structural and magnetic properties of pulsed laser deposited Fe-SiC thin films	Thin Solid Films
47	Soni, N.B., Bansal, K., Saini, D.	Design & development of an integrated control of real time data monitoring for remotely located micro hydro station and solar power station	International Journal of Applied Engineering Research
48	Unnikrishnan, G., Siddiqui, N., Honwad, S.	Understanding oil & gas pipeline failures and mitigation measures using Bayesian approach	International Journal of Applied Engineering Research
49	Lavania, S., Darbari, M., Ahuja, N.J., Siddiqui, I.A.	Genetic algorithms-fuzzy based trade-off adjustment between software complexity and deliverability	Lecture Notes in Electrical Engineering
50	Palit, S.	Environmental engineering science, chemical engineering and a visionary future - A far-reaching - Review	International Journal of Pharma and Bio Sciences
51	Palit, S.	The future vision of the application of genetic algorithm in designing a fluidized catalytic cracking unit and chemical engineering systems -a far-reaching review	International Journal of ChemTech Research
52	Sharma, A.K., Sahoo, P.K., Singhal, S.	Feasibility of biodiesel production from chlorella vulgaris grown in flat plate photobioreactor under outdoor conditions	International Journal of ChemTech Research
53	Raghav, G., Nagpal, M.	Performance investigation and optimization of low temperature sensible heat solar energy storage system	International Journal of Renewable Energy Research
54	Kumar, R., Bansal, K., Saini, D.K., Paul, I.P.S.	Two layer soil modelling & optimal designing of grounding system of high voltage gas insulated substation (GIS) & air insulated substation (AIS) using Matlab GUI	Water and Energy International
55	Padhan, R.K., Gupta, A.A., Badoni, R.P., Bhatnagar, A.K.	Improved performance of a reactive polymer-based bituminous mixes – effect of cross-linking agent	Road Materials and Pavement Design
56	Sharma, P., Singh, R.	A class of exponential ratio estimators of finite population mean using two auxiliary variables	Pakistan Journal of Statistics and Operation Research
57	Mahajan, R., Gupta, S.K.	Modeling of diffusional limitations in styrene acrylonitrile random bulk copolymerization	Polymer Engineering and Science
58	Joshi, S.K., Gupta, R.	Determination of optical properties of neodymium-doped	International Journal of ChemTech Research

59	Verma, P., Gahtori, V., Singh, R., Anita, Kumar, P.	Algorithm of hybrid switching visual servoing for controlling eye-in-hand configuration real time robot	International Journal of Applied Engineering Research
60	Anand, N., Grover, N.	Measuring retail supply chain performance: Theoretical model using key performance indicators (KPIs)	Benchmarking
61	Sharma, A.K., Sahoo, P.K., Singhal, S.	Screening and optimization of culture media for <i>Chlorella</i> sp. as a raw material for biodiesel production	International Journal of Pharma and Bio Sciences
62	Sharma, A., Sahoo, P.K., Tripathi, R.K., Meher, L.C.	ANN modeling of emission and performance parameters of polanga biodiesel based CI engine at different injection pressures	International Journal of Applied Engineering Research
63	Mishra, V., Tadepalli, S.	Biosorption of toxic heavy metals on sawdust	Clean - Soil, Air, Water
64	Mahajan, R., Gupta, S.K.	Optimization of styrene acrylonitrile random bulk copolymerization reactors	Polymer Engineering and Science
65	Yadav, R., Guven, U.	Aerodynamic heating of a hypersonic projectile with forward-facing ellipsoid cavity at nose	Journal of Spacecraft and Rockets
66	Sharma, M., Bansal, K., Buddhi, D.	Real time outdoor electrical characteristics of PV module with passive heat extraction unit	International Journal of Applied Engineering Research
67	Soam, S., Kumar, R., Gupta, R.P., Sharma, P.K., Tuli, D.K., Das, B.	Life cycle assessment of fuel ethanol from sugarcane molasses innorthern and western India and its impact on Indian biofuel programme	Energy
68	Joshi, S.K., Gupta, R.	Determination of optical properties of neodymium-doped Zinc-Phosphate glasses	International Journal of ChemTech Research
69	Unnikrishnan, G., Siddiqui, N., Shrihari	Application of bayesian methods for risk assessment of oil & gas separator	International Journal of Applied Engineering Research
70	Dubey, R., Singh, T., Ali, S.S., Tiwari, S.	Contextual relationship among antecedents of truck freight using interpretive structural modelling and its validation using MICMAC analysis	International Journal of Logistics Systems and Management
71	Singh, R., Kuchhal, P., Choudhury, S., Gehlot, A.	Implementation and evaluation of heating system using PID with genetic algorithm	Indian Journal of Science and Technology
72	Rawat, A., Sushil, R., Sharm, L.	Mobile agent communication protocols: A comparative study	Smart Innovation, Systems and Technologies
73	Varshney, P., Kunzru, D., Gupta, S.K.	Modelling of the Riser Reactor in a Resid Fluidised-bed Catalytic Cracking Unit Using a Multigrain Model for an Active Matrix-zeolite Catalyst	Indian Chemical Engineer
74	Rawat, D.S., Joshi, G., Lamba, B.Y., Tiwari, A.K., Kumar, P.	The effect of binary antioxidant proportions on antioxidant synergy and oxidation stability of <i>Jatropha</i> and <i>Karanja</i> biodiesels	Energy
75	Kashyap, D., Venkateswaran, P.S., Dwivedi, P.K., Kim, Y.H., Kim, G.M., Sharma, A., Goel, S.	Recent developments in enzymatic biofuel cell: Towards implantable integrated micro-devices	International Journal of Nanoparticles

76	Bhanja, N., Dar, A.B., Tiwari, A.K.	Exchange rate and monetary fundamentals: Long run relationship revisited	Panoeconomicus
77	Singh, R., Kuchhal, P., Yadav, M.S., Sharma, M.K., Choudhury, S., Anita	Optimization and implementation of intelligent RF remote controlled heater system	International Journal of Control and Automation
78	Kurre, S.K., Pandey, S., Garg, R., Saxena, M.	Experimental study of the performance and emission of diesel engine fueled with blends of diesel-ethanol as an alternative fuel	Biofuels
79	Peters, M.S.	Minimize risk of carbon sequestration through environmental impact assessment and strategic environmental assessment	European Energy and Environmental Law Review
80	Goel, S., Venkateswaran, P.S., Prajesh, R., Agarwal, A.	Rapid and automated measurement of biofuel blending using a microfluidic viscometer	Fuel
81	Singh, R., Kuchhal, P., Yadav, M.S., Choudhury, S., Anita	Intelligent integrated RF remote control for fan, light and heater	International Journal of Applied Engineering Research
82	Mondal, A.K., Bansal, K.	A brief history and future aspects in automatic cleaning systems for solar photovoltaic panels	Advanced Robotics
83	Dhiman, N., Awasthi, M.K., Chauhan, S.	Pressure corrections in the potential flow analysis of electrohydrodynamics Kelvin-Helmholtz instability of cylindrical interface through porous media	Gazi University Journal of Science
84	Singla, A., Singh, Y.	Fracture surface analysis of AA2218 Al-alloy MMCs and squeeze pressure effect on fracture mechanism	International Journal of Materials Engineering Innovation
85	Mandal, P.	H-Shape Plasmonic Metasurface as Refractive Index Sensor	Plasmonics
86	Dubey, S., Prateek, M., Saxena, M.	Robot Locomotion – A Review	International Journal of Applied Engineering Research
87	Palit, S.	Future of energy and environmental sustainability and progress of science and engineering- a West Bengal, India experience	International Journal of ChemTech Research
88	Ravi Kumar Dixena, Eltepu Sayanna and Rajendra Prasad Badoni	A study on tribological behaviours of ZDDP in polymer thickened lubricating greases	Lubrication Science
89	Palit, S.	Environmental engineering science, chemical engineering and a visionary future - A far-reaching - Review	International Journal of Pharma and Bio Sciences
90	Venkateswaran, P. S.; Kashyap, Diwakar; Agarwal, Ajay; Goel, Sanket	Computational Analysis of a Microfluidic Viscometer and Its Application in the Rapid and Automated Measurement of Biodiesel Blending Under Pressure Driven Flow	Journal of Computational and Theoretical Nanoscience
91	Sudipta Halder , M.S. Goyat , P.K. Ghosh	Influence of ultrasonic dual mode mixing on the morphology, molecular structure and thermo-physical properties of a SiO <sub>2</sub> -epoxy nanocomposite adhesive	Journal of Adhesion Science and Technology
92	Singla, A., Singh, Y.	Fracture surface analysis of AA2218 Al-alloy MMCs and squeeze pressure effect on fracture mechanism	International Journal of Materials Engineering Innovation

93	Zechner, M., Clemens, T., Suri, A., Sharma, M.M.	Simulation of polymer injection under fracturing conditions - An injectivity pilot in the matzen field, Austria	SPE Reservoir Evaluation and Engineering
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### Book/Book Chapters Published

Authors	Title	Source title	DOI	Document Type
Palit, S.	Advanced Oxidation Processes, Nanofiltration, and Application of Bubble Column Reactor	Nanomaterials for Environmental Protection	10.1002/9781118845530.ch13	Book Chapter
Pandey, J.K., Taek, H., Takagi, H., Ahn, S.H., Saini, D.R., Misra, M.	Dispersion of nanocellulose (NC) in polypropylene (PP) and polyethylene (PE) matrix	Handbook of Polymer Nanocomposites. Processing, Performance and Application: Volume C: Polymer Nanocomposites of Cellulose Nanoparticles	10.1007/978-3-642-45232-1_56	Book Chapter
Kar, K.K., Pandey, J.K., Rana, S.	Handbook of polymer nanocomposites. Processing, performance and application: Volume B: Carbon nanotube based polymer composites	Handbook of Polymer Nanocomposites. Processing, Performance and Application: Volume B: Carbon Nanotube Based Polymer Composites	10.1007/978-3-642-45229-1	Book
Pandey, J.K., Takagi, H., Nakagaito, A.N., Kim, H.-J.	Handbook of polymer nanocomposites. Processing, performance and application: Volume C: Polymer nanocomposites of cellulose nanoparticles	Handbook of Polymer Nanocomposites. Processing, Performance and Application: Volume C: Polymer Nanocomposites of Cellulose Nanoparticles	10.1007/978-3-642-45232-1	Book

**College of Management and Economics Studies**

S.No	AUTHORS	TITLE	SOURCE TITLE
1	N.Bhanu Prakash, Dr. Tarun Dhingra, Dr. T.B.Raju	Cost assessment & Tarriff Determination: Cargo Handling Experience at a Private Port	The case Centre/ ECCH
2	Dr Vinay Kandpal	"A Study Of Dividend Policy And Its Effect On Market Value Of Shares Of Selected Banks In India"	IOSR Journal of Business and Management (IOSR-JBM)
3	Dr Vinay Kandpal	"An Analysis of Working Capital Management in Select Construction Companies"	Journal of Commerce and Management Thought Indexed with Indian Citation Index, EBSCO Discovery, Google Scholar, DST (Government of India), INFLIBNET (UGC)
4	Dr. Sumeet Gupta	Upshot of Economic Tumult on Equity Investors- A Study of Market Index	International Research Journal of Economics and Business Studies
5	Velmurugan R S & Dhingra Tarun	"Maintenance Strategy Selection and its Impact on Maintenance Function - A Conceptual Framework"	International Journal of Operations & Production Management (Emerald)
6	Dr Rajesh Tripathi	Technology Adoption in Newspaper Industry in India: A Strategic Thinking View	Book Chapter - Advances in Management and Technology: Mapping Strengths with Opportunities
7	Akhil Damodaran	Public Sector Comparator: A value for money analysis.	AKGEC journal of technology
8	Dr.Priya Grover	ANALYSING MARKET FEASIBILITY OF RESIDENTIAL GREEN BUILDINGS IN TIER-II CITIES IN INDIA	IOSR journal of business management
9	Dr.Priya Grover	Analysing consumer decision making factors for successful Brand Extensions	International Journals of Multidisciplinary Research Academy, International Journal of Marketing & Technology
10	M. Tomar, Pandey Krishan K. & Punia Devendra K.	"A Study on critical issues existing between social media and brand engagement"	International Journal of Advance Research in Science and Engineering
11	Neha Sehgal, Krishan K. Pandey	"The Drivers of Oil Prices– A MI3 Algorithm Approach"	Energy Procedia

12	M. Tomar, Dr. Anirban Sengupta, Pandey Krishan K. & Punia Devendra K.	"Revisiting Social Media Review of Various Perspectives for Modern Era Marketing"	International Journal of Advance Research in Science and Engineering
13	V. Ananda Kumar, Pandey Krishan K. & Punia, D.K.	"Culture and Cyber Security"	Indian Journal of Criminology & Criminalistics
14	Dalei, N. and Gupta, A.	Performance of Electricity Distribution Companies in Delhi: An Evaluation Study	Economics and Policy of Energy and the Environment
15	Aviral Tiwari, Arif Billah Dar, Niyati Bhanja, Mohammad Aroui, Frederic Teulon	Stock returns and inflation in Pakistan	Economic Modelling
16	Niyati Bhanja, Arif Billah Dar and Aviral Tiwari	Exchange rate and Monetary Fundamental: Long run relationship revisited	Panoeconomicus
17	Mohammed Yaqoot, Parag Diwan, Tara Chandra Kandpal	Public financing of solar lanterns versus subsidizing kerosene for domestic lighting in India: A feasibility assessment	Renewable Energy
18	Dr.B.K.Chaturvedi	Anticipating and Gearing up Real Estate Sector in India	International Journal of Business and Management Invention
19	Dr. Prasoom Dwivedi	Considerations and conceptualization of solar business model in India: lessons on technology transfer learnt from Germany	International Journal of Technology, Policy and Management
20	Kulshreshthra,N.,Bahuguna,P.C.	Talent Management: Why & What	Journal of Knowledge Management & Information Technology
21	Bahuguna,P.C., Kulshreshthra,N.	An Empirical Study of Impact of Talent Management on Employees Behaviour in Select Companies in Oil & Gas Industry in India	Ansal University Business Review
22	Tanushree Sharma	Many Bumps on the Road of Entrepreneurship	Emerald Emerging Markets Case Studies
23	Omkar Vinayak Tambe, Bhavesh Gupta & Surbhi Arora	Reliance Industries Limited (RIL) knocked the doors of PSU OMCs with a New Year Surprise!!!	Oil Asia Journal
24	Dr. Anshuman Gupta & Surbhi Arora	Control Oil, Rule the World: The Energy Games Nations Play	The IUP Journal of International Relations
25	Surbhi Arora	A Multilayered Approach to Indo-Tanzania Relations	Extraordinary and Plenipotentiary Diplomatist, Special Report on India Tanzania 2015,

26	Surbhi Arora	Cultural Connect Civilisational Linkages and Beyond (India and Jordan)	Extraordinary and Plenipotentiary Diplomatist, Special Report on Pravasi Bharatiya Divas 2015
27	Surbhi Arora	Economic Diplomacy Offers Path to Build Greater Synergy For IORA Nations	Annual Edition of Extraordinary and Plenipotentiary Diplomatist, Special Report on India's Economic Diplomacy – A Global Connect
28	Saurabh Tiwari	Contextual relationship among antecedents of truck freight using interpretive structural modeling and its validation using MICMAC analysis	International Journal of Logistics Systems and Management
29	Neeraj Anand	Simulator training and its effects on knowledge and skill levels of seafarers after training	Journal of Global Research Computer Science & Technology
30	Neeraj Anand	Measuring retail supply chain performance: Theoretical model using key performance indicators (KPIs)	International Journal of Benchmarking
31	Binod Kumar Singh	Preliminary Test Estimation and Shrinkage Preliminary Test Estimation in Normal and Negative Exponential Distribution Using Linex Loss Function	International Journal of Soft Computing, Mathematics & Control (IJSCMC)

### Books Published

Authors	Topic	Publisher	ISBN No.
Dr Vinay Kandpal	Mutual Fund: An Indian Perspectives”	Himanshu Publications, Delhi	9788179064641
Dr Vinay Kandpal	Management Accounting	PHI Delhi	Under Process
Dr. Sumeet Gupta	Risk Identification and Taxonomy in Small Hydro Power Projects of Uttarakhand	Book by AIMS International	ISBN- 978-81-924713-8-9
Dr. Sumeet Gupta	Risk Identification and Taxonomy in Small Hydro Power Projects - A Fuzzy Approach	Book by AIMS International	ISBN- 978-81-924713-8-9
Dr. A.K.Rastogi	Supply Chain & Marketing of Fruits and Vegetables	LAP, Germany	978-3-659-39414-0

## College of Legal Studies

FACULTY PUBLICATIONS			
S.No	AUTHORS	TITLE	SOURCE TITLE
1	Tabrez Ahamad	Role of Audit to Protect the Investor's interest under Companies Act, 2013,	Emerging Researcher -
2	Tabrez Ahamad	Role of Serious Fraud Investigation Office (SFIO) in Protection of Investor's Interest: An Overview	AD VALOREM
3	Vinita Singh	'Indonesia Matters, India Knows it'	International Diplomatist magazine
4	Vinita Singh	Indo- Japan co-operation in Science and technology: A perspective	International Diplomatist magazine
5	Vinita Singh	Egypt: the Transition Conundrum	Diplomatist
6	Vinita Singh	India-Switzerland Economic Cooperation	Diplomatist
7	Vinita Singh	G77: India and the Changing Multilateral Diplomacy	Diplomatist
8	Vinita Singh	SAARC: A Unifying Factor in South Asia	Diplomatist
9	Vinita Singh	Educational Ties between Saudi Arabia and India	Diplomatist
10	Vinita Singh	Indonesia Matters and India knows it	Diplomatist
11	Vinita Singh	Referendum and Direct Democracy in Ancient South Indian villages	MUHA, Journal of History
12	Saroj Bohra	"Social Justice and Indian Constitution"	International Journal of Law and Legal Jurisprudence Studies
13	Sujata Bali	Purity of Elections and Electoral Reforms in India	Himachal Pradesh Vidhan Sabha Journal 'Vidhanmala', Special Issue
14	Sujata Bali	Dynamics of Judicial Intervention in Expanding the Ambit of Environmental Jurisprudence: An Overview"	Himalayan Journal of Contemporary Research

15	Sujata Bali	A synoptic view of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013”	Samyoga, An Academic Journal
16	Azim B. Pathan	A Vanishing Jurisprudence of Independence of Judiciary in India: An Analysis With Reference to Judicial Appointment Commission Act, 2014	ITM Law Review
17	K.B. Asthana	Impact of Media Trial on Juvenile Justice System	CPJ Law Journal
18	K.B. Asthana	Formation of Marriage Contract in Different Personal Laws in India	CPJ Law Journal( with printer)
19	K.B. Asthana	A Journey of Information before RTI Act, 2005 and after: A boon or sin	ITMU Law Review ( with printer)
20	K.B. Asthana	Violation of borrower’s right while recovery of loan under SARFAESI Act, 2002	Satyam Law International- International Publisher”
21	Pallavi Arora	Evaluating the Prospects of Effectuating a Hostile Takeover in the Indian Corporate Landscape”	NLIU Law Review,
22	Pushkar Anand	Legal Aspects of Multilevel Marketing in India: Negotiating through Murky Waters	Springer

<b>Book/ Book Chapters Published</b>			
<b>Authors</b>	<b>Topic</b>	<b>Publisher</b>	<b>ISBN No.</b>
Vinita Singh	“Rendezvous with Randomness”	E.P.H. New Delhi	978-93-5073-422-, 2014
Azim B. Pathan	Edited Volume/Book in the memory of Justice V.R. Krishna Iyer entitled “Humanitarian Jurisprudence, Constitutionalism and Rule of Law: Contemporary Issues and Challenges”	Satyam Law International Pub., New Delhi.	

Mamta Rana	“Untangling the Legal Intricacies in the live-in-relationships	edited book titled “Law relating to Women and Children”, Academic Heights Publication	
Azim B. Pathan	A Chapter in edited book entitled “Gender Issues and Challenges in 21st Century	Satyam Law International	9789382823209

## BRIEF FACULTY PROFILE

### COLLEGE OF ENGINEERING STUDIES

#### Department Of Physics

Name	Designation	Qualification	Specialization
Dr. Piyush Kuchhal	Senior Associate Professor	B.Sc in PCM, CCS University, Meerut M.Sc in Engineering Physics, University of Roorkee, Roorkee Ph.D in Condensed Matter Physics, University of Roorkee, Roorkee	Condensed Matter Physics: Activated Properties of Materials, Polymer Electrolytes, SPV Power Systems
Dr Rajeev Kumar Gupta	Associate Professor	Graduation, CCS University, Meerut. Post graduation, CCS University, Meerut. Ph. D, Ranchi University	Synthesis of superhydrophobic, oleophobic, anticorrosive surface which have the great application in anti dust and anti-icing surface on solar panel, anti wax & antibacterial coating. Polymer modification through ion beam irradiation with different energy, LET, ion fluence
Dr. Amit Kumar Chawla	Assistant Professor Selection Grade	B.Sc., C.C.S. University, Meerut M.Sc., C.C.S. University Campus, Meerut Ph.D, C.C.S. University, Meerut Post-Doctoral, IIT Roorkee Cleared NET	Nanotechnology, Thin films solar cells, Materials for hydrogen storage

<p>Dr. Bhagya Sindhu Tewari</p>	<p>Assistant Professor Selection Grade</p>	<p>B.Sc., Kumaon University Nainital M.Sc., G.B. Pant University of Ag. and Technology, Pantnagar Ph.D, G.B. Pant University of Ag. and Technology, Pantnagar Advanced Course on Condensed Matter Physics, Indian Institute of Science (IISc) Bangalore</p>	<p>Theoretical modelling and computer simulation of the electronic spectra, transport, magnetic and superconducting properties of strongly correlated systems such as high T<sub>c</sub> 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</p>
<p>Dr. Gagan Anand</p>	<p>Assistant Professor Selection Grade</p>	<p>B.Sc. In Electronics M.Sc. In Physics with specialization in Opto -Electronics Ph.D in Physics - "Preparation and Dielectric properties of BLSF materials", JNTU, Hyderabad</p>	<p>Study of CNT based Nano Fluids used for heat transfer and to enhance efficiency of automobile lubricants Study of Bismuth Layered structured ferroelectric materials for High temperature sensors</p>
<p>Dr. Kanak Pal Singh Parmar</p>	<p>Assistant Professor Selection Grade</p>	<p>BS, H.N.B Garhwal University MS/MTech, Indian Institute of Technology Roorkee, Delhi Ph.D., Norwegian University of Science and Technology (NTNU), Norway Post-Doctorate, Pohang University of Science and Technology (POSTECH), South Korea</p>	<p>Harvesting Solar Energy using Nanostructured Materials; New Generation Photovoltaic Devices; Artificial Photo-synthesis and Photo-catalytic Water-Splitting; Rheology of Soft-Condensed Matter</p>
<p>Dr. Rishi Dewan</p>	<p>Assistant Professor Selection Grade</p>	<p>Graduation, SSJM Kanpur University, Kanpur, U.P. M.Sc in Physics, SSJM Kanpur University, Kanpur, U.P. M-TQM (Masters in Total Quality Mgt.), University of Lucknow PhD in Physics, University of Petroleum &amp; Energy Studies, Dehradun</p>	<p>Ion Beam Irradiation, Surface Morphology of Thin Film, Oleophobic/philic properties of Thin film</p>

Dr. Santosh Dubey	Assistant Professor Selection Grade	B.Sc. in PCM, DDU Gorakhpur University, Gorakhpur, Uttar Pradesh M.Sc. in Physics, DDU Gorakhpur University, Gorakhpur, Uttar Pradesh M.S. in Computational Science (Physics), Florida State University, Tallahassee, FL, USA Ph.D in Computational Science (Material Science), Florida State University, Tallahassee, FL, USA Post-Doctoral Degree, School of Nuclear Engineering, Purdue University, West Lafayette, Indiana, USA	Self-organized composition patterns in binary solid solutions under irradiation, Sharp interface approach to study radiation-induced segregation in binary alloys, Development of mathematical model and numerical algorithm to estimate gas production from shale gas reservoirs, Feasibility study of nanomaterials (e.g. nanodiamonds) as additives to enhance the tribological properties of lubricants using Molecular Dynamics Simulations, Estimation of solar cell efficiency via mathematical modeling, Exploring simulation tools at multiple length & time scales: Molecular Dynamics, ab initio and Monte Carlo based simulation tools
Dr Santosh Kumar Joshi	Assistant Professor Selection Grade	B.Sc. in PCM, DSB Campus, Kumaun University, Nainital M.Sc. in Physics- Electronics, G B Pant University of Agriculture and Technology, Pantnagar Ph.D in Physics- Solid State Physics, Kumaun University, Nainital	Amorphous Materials and their Thermophysical behaviour, Molecular Dynamics
Dr. Kailash Pandey	Assistant Professor Senior Scale	B.Sc. in Physics, Chemistry & Mathematics, M B P G College Haldwani Kumaoun University Nainital M.Sc. in Physics, CBSH / G B Pant University Pantnagar Ph.D in Physics & Computer Science, G B Pant University of Ag and Technology Pantnagar	Nuclear Physics Material Science
Dr. Manjeet Singh Goyat	Assistant Professor Senior Scale	B.Sc. Computer Science, MDU, Rohtak M.Sc. Physics, GJU, Hisar M.Tech. Nano Science & Technology, GJUST, Hisar Ph.D in Metallurgical & Materials Engineering, IIT Roorkee	Experimental Physics, Nano materials, Polymer Nanocomposites

<p>Dr. Prasantha Mandal</p>	<p>Assistant Professor Senior Scale</p>	<p>B.Sc. in Physics, Panskura Banamali College, Vidyasagar University, West Bengal M.Sc. in Physics (Solid State Physics), Vidyasagar University, Midnapore, West Bengal M.Tech. in Cryogenic Engineering, Indian Institute of Technology Kharagpur Ph.D. in Physics (Expt. Cond. Matt.), Indian Institute of Technology Bombay, Mumbai</p>	<p>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.</p>
<p>Dr. Sabitha Mohan</p>	<p>Assistant Professor Senior Scale</p>	<p>B.Sc. in Physics, Mahatma Gandhi University, Kottayam M.Sc. in Physics, Mahatma Gandhi University, Kottayam Ph. D in Physics, Department of Physics/Optics Group, International Max-Planck Research School-Halle Martin-Luther University Halle-Wittenberg Postdoc, DTU Fotonik/Ultrafast Nonlinear Optics, Department of Photonics Engineering, Technical University of Denmark (DTU) DK-2800 Lyngby (Denmark)</p>	<p>Electromagnetic theory Mechanics Topics in Modern Physics Engineering Optics General Physics Lab Classical Physics Quantum Mechanics I &amp; II Electrodynamics Solid State Physics Physics and Laser Laboratory</p>
<p>Dr. Satyapal Singh Rathore</p>	<p>Assistant Professor Senior Scale</p>	<p>B.Sc., Holkar Science College, Indore M.Sc in Physics, Devi Ahilya Vishwavidhyalaya, Indore M.Tech in New Materials &amp; Processing Technology, Birla Institute of Technology, Mesra Pursuing Ph.D, Department of Metallurgical Engineering &amp; Material Science, Indian Institute of Technology Bombay</p>	<p>Magneto-electric Multiferroic Materials and applications Semiconductor thin films for spintronics and spin-photonic devices More than Moore semiconductor technology Lead free Relaxor Ferroelectric (Relaxors) and Magnetostrictive materials Geometrically Frustrated systems Structural, Physical, Electrical and Magnetic properties of materials</p>

Dr. Sudesh Sharma	Assistant Professor Senior Scale	B.Sc., Meerut College, Meerut, U.P. M.Sc. in Physics, C.C.S. University Campus, Meerut, U.P. PhD in 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 and Sensing Applications, Exchange Biasing in Magnetic/Multiferroic Thin Films
Tarun Garg	Assistant Professor Senior Scale	B.Sc. in Physics, Kurkshetra University M.Sc. in Physics, Guru Jambheshwar University of Science & Technology, Hisar M.Tech. in Nanoscience & Nanotechnology, Guru Jambheshwar University Pursuing Ph.D, IIT Mumbai	Multiferroics, magnetic materials, Ferroelectric ceramics, Thin films heterostructures
Venkatadivakar Botcha	Assistant Professor Senior Scale	B.Sc.in Physics, Chemistry & Mathematics, Andhra University M.Sc. In Physics, Andhra University Pursuing Ph.D, IIT Bombay	Physics
Dr. Archana Dhayani	Assistant Professor	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
Dr. Devendra Pal Singh	Assistant Professor	B.Sc. in Physics, Chemistry & Mathematics, Dr. B. R. Ambedker University, Agra M.Sc. in Physics, Dr. B. R. Ambedker University, Agra M.Phil. in Physics, Department of Physics, Institute of Basic Sciences, Khandari, Agra, Dr. B. R. Ambedker University, Agra Ph.D, Experimental Nuclear Physics, Department of Physics, A. M. U., Aligarh	Nuclear Physics, Atomic and Molecular Physics Quantum Mechanics, Statistical Mechanism Mathematical Physics

Dr. Kamal Preet Kaur	Assistant Professor	<p>B.Sc. (Honours School) in Physics, Guru Nanak Dev University, Amritsar, Punjab  M.Sc. (Honours School) in Physics, Guru Nanak Dev University, Amritsar, Punjab  M.Tech. in Materials Science &amp; 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</p>	<p>Physics and Materials Science:  Composites, Rapid solidification Process, Tribological properties of Materials</p>
Dr. Nippani Satya Krishna	Assistant Professor	<p>B.Sc. in Electronics, Govt. Arts College, Rajahmundry  M. Sc. in Electronics, Govt. Arts College, Rajahmundry  Ph. D. in Science, University of Petroleum &amp; Energy Studies, Dehradun</p>	<p>Solid- Ion conducting Polymer Electrolytes</p>
Dr. Shubha Singh	Assistant Professor	<p>B.Sc.  M.Sc. In Physics  Ph.D in Physics, BHU, Varanasi</p>	<p>Physics</p>

### Department Of Chemistry

Name	Designation	Qualification	Specialization
Dr. Pankaj Kumar	Associate Professor	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
Dr. Bhawna Yadav Lamba	Associate Professor	B.Sc (CBZ), H.N.B. Garhwal University M.Sc in Organic Chemistry, H.N.B. Garhwal University Qualified GATE M.E in Polymer Technology, Delhi College of Engineering Ph.D, H.N.B. Garhwal University	Biofuels, Polymers
Dr. Shailey Singhal	Associate Professor	B.Sc., DAV College, Muzaffarnagar, CCS University, Meerut M.Sc. in Chemistry, DAV College, Muzaffarnagar, CCS University, Meerut Ph.D. in Chemistry, CCS University, Meerut CSIR- NET in Chemical Sciences	Biogas, catalysis, water purification
Dr. Jitendra Kumar Pandey	Assistant Professor Selection Grade	B.Sc. in Chemistry & Biology, Kanpur University M.Sc. in 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

<p>Dr. Kasibhatta S.R. Murthy</p>	<p>Assistant Professor Selection Grade</p>	<p>B.Sc in Chemistry, Andhra University, India M.Sc in Analytical Chemistry, Andhra University, India M.S in Environmental Science, University of Strathclyde, Glasgow, UK Ph.D. in Chemistry, Jawaharlal Nehru Technological University, Hyderabad</p>	<p>Heavy metal removal from industrial effluents by adsorption, Characterization of biodiesel, Solar energy</p>
<p>Dr. Sanjeev Kumar</p>	<p>Assistant Professor Selection Grade</p>	<p>B.Sc. (Hons.) in Chemistry, Delhi University M.Sc. in Chemistry, Delhi University Ph.D. in Applied Chemistry Qualified CSIR/ JRF-NET</p>	<p>Nano Technology and Organic Synthesis</p>
<p>Dr. Girdhar Joshi</p>	<p>Assistant Professor Senior Scale</p>	<p>B.Sc., Govt. P G College Pithoragarh, Kumaun University Nainital M.Sc., Govt. P G College Pithoragarh, Kumaun University Nainital, Uttarakhand CSIR-UGC NET/JRF Ph.D, CSIR-CSMCRI Bhavnagar University Bhavnagar Gujarat</p>	<p>Green Synthetic Chemistry Material Science Alternate Energy Bio Fuels Heterogeneous Catalysis</p>
<p>Dr. K Mohan Reddy</p>	<p>Assistant Professor - Senior Scale</p>	<p>B.Sc. in Chemistry, Sri Venkateswara University (SVU), Tirupathi B.Ed. in Teaching Science Methodology, Bangalore University M.Sc. in Chemistry (Inorganic), Bangalore University Ph. D. in Chemistry (Applied Science) Bangalore University Post-Doctoral Degree -PDF, IISc, Bangalore</p>	<p>Basic Chemistry, Science (Chemistry) methods, Inorganic Chemistry, Spectroscopy, Organic Chemistry, Engineering Chemistry, Water Chemistry, Catalysis, Physical Chemistry, Nanochemistry, other related Photocatalysis, Nanomaterials in catalysis &amp; photocatalysis, Dye-sensitization materials preparation, Semiconductor modified catalyst (Silver-TiO<sub>2</sub>) preparation, Catalysis, organic synthesis, Energy storage materials, solar cells etc., Structural and Solid State Chemistry, Theoretical and computing chemistry techniques, photocatalysis,</p>

			designing the photoreactors etc.
Shilpi Agarwal	Assistant Professor - Senior Scale	B. Sc. in Chemistry, S. D. College, Muzaffarnagar M. Sc. in Chemistry, S. D. College, Muzaffarnagar CSIR-NET in Chemical Engineering U.P.SLET in Chemical Engineering Pursuing PhD, UKTU, Dehradun	Biodiesel Catalysis Water purification
Dr. Kamal Kumar Bisht	Assistant Professor	B.Sc in Chemistry, Physics & Mathematics, Govt. P.G. College, Pithoragarh, Kumaon University, Nainital M.Sc in Organic Chemistry, Govt. P.G. College, Pithoragarh, Kumaon University, Nainital Ph.D in Chemical Science, Academy of Scientific & Innovative Research, CSIR-CSMCRI, Bhavnagar, Gujarat	Designing of New MOFs, Nanochemistry and Material Chemistry, Supramolecular Chemistry & Crystal Engineering, Structural Analysis, Development of energy efficient Mechanochemical & Sonochemical methodologies for material synthesis
Dr. Mamta Latwal	Assistant Professor	B.Sc. in Physics, Chemistry and Mathematics, Kumaon University Nainital M. Sc. in Chemistry, G.B. Pant University of Agriculture and Technology, Pantnagar Ph.D., Kumaon University, Nainital	Nanomaterials, Drug sensors, Catalysis
Dr. Sanjay Kumar	Assistant Professor	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
Dr. Shefali Arora	Assistant Professor	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
Sapna Jain	Assistant Professor	B.Sc, University of Rajasthan M.Sc, University of Rajasthan	Organic Chemistry

**Department Of Mathematics**

Name	Designation	Qualification	Specialization
Dr. Shyamal Kumar Banerjee	Senior Professor cum Associate Dean - COES	B.Sc., Gorakhpur University, Gorakhpur M.Sc., Gorakhpur University, Gorakhpur Ph.D, Banaras Hindu University, Varanasi Post-Doctoral Research has been continuing at Inter-University Center for Astronomy and Astrophysics, Pune as Visiting Associate sponsored by UGC	Special and General Theory of Relativity and Cosmology
Dr. Mukesh Kumar Singhal	Associate Professor	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
Dr Akmal Husain	Assistant Professor Senior Scale	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 in 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
Dr. Amit Kumar Singh	Assistant Professor Senior Scale	B.Sc in Mathematics, Physics & Chemistry, KNIPSS, Sultanpur, Dr. Ram Manohar Lohia Awadh University, Faizabad, U.P. M.Sc in Mathematics from Banaras Hindu University, Varanasi, U.P. Ph.D in Mathematics from 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
Dr Anuj Kumar	Assistant Professor Senior Scale	B.Sc. in PCM, M. J. P. Rohilkhand University, Bareilly M.Sc. in Mathematics, G. B. Pant University of Agriculture & Technology, Pantnagar Ph.D in Mathematics, G. B. Pant University of Agriculture & Technology, Pantnagar	Reliability Analysis, Wavelet Analysis

Dr. Mithilesh Singh	Assistant Professor Senior Scale	B.Sc., Harish Chandra Post Graduate college, Varanasi M. Sc., BHU, Varanasi Ph. D., Indian Institute of Technology, BHU, Varanasi	Nonlinear waves in gas dynamics, Hyperbolic partial differential equations
Dr. Mukesh Kumar Awasthi	Assistant Professor Senior Scale	B. Sc., Lucknow University M.Sc., Lucknow University CSIR-JRF (NET)-Mathematical Sciences Ph.D in Mathematics, Indian Institute of Technology Roorkee, Roorkee	Hydrodynamic Stability, Viscous Potential Flow, Heat and Mass Transfer, Reduced Differential Transform Method, Numerical Techniques
Dr Nitin Uniyal	Assistant Professor Senior Scale	B.Sc., DBS (PG) College, Dehradun M.Sc. in Mathematics, DBS (PG) College, Dehradun M.Phil. In Mathematics, Alagappa University, Tamilnadu Ph.D, HNB Garhwal Central University, Srinagar	Mathematics
Dr. Pankaj Kumar Mishra	Assistant Professor Senior Scale	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, Makhnallal Chaturvedi University, Bhopal Ph.D, Uttarakhand Technical University, Dehradun	Pure and Applied Mathematics Mathematical Modelling Real Analysis Nonlinear Analysis Fixed Point Theory
Dr. Pradeep Malik	Assistant Professor Senior Scale	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
Dr. Rk Pavan Kumar Pannala	Assistant Professor - Senior Scale	B.Sc., AV College, Hyderabad M.Sc., IIT Kharagpur Qualified CSIR-UGC NET examination Ph.D, University of Petroleum & Energy Studies, Dehradun	Financial Mathematics
Dr. Sanoj Kumar	Assistant Professor Senior Scale	B.Sc. In Mathematics, Ch. Charan Singh University, Meerut M.Sc. In Mathematics, Ch. Charan Singh University, Meerut Ph.D. in Applied Mathematics, Department of Mathematics, Indian Institute of Technology Roorkee	Applied Mathematics - Numerical Analysis, Optimization Techniques Wavelet Transform Computer Science and Engineering - Image and Video processing Computer Vision Camera Network

Dr. Shweta Sachdeva	Assistant Professor Senior Scale	B.Sc., Chinmay Degree College , Haridwar, Ch. Charan Singh University , Meerut M.Sc. In Mathematics, Gurukula Kangari Vishwavidyalaya , Haridwar M. Phil, Madurai KamRaj University Ph.D, University of Petroleum and Energy Studies, Dehradun	Fixed Point Theory
Dr. Vipin Kumar	Assistant Professor Senior Scale	B.Sc., C.C.S. University Meerut M.Sc., Indin Institute of Technology Roorkee Ph.D, Indin Institute of Technology Roorkee	Modeling & Simulation
Dr. Anupam Bhandari	Assistant Professor	B. Sc. in Physics, Chemistry & Mathematics, H.N.B. Garhwal University, Srinagar, Uttarakhand M. Sc. in Mathematics, H.N.B., Garhwal University, Srinagar, Uttarakhand Ph.D, National Institute of Technology (NIT), Kurukshetra	Ferrohydrodynamics, Fluid Dynamics
Dr. Girish Dobhal	Assistant Professor	B.Sc in Physics, Chemistry & Mathematics, D.B.S.(P.G) College Dehradun M.Sc in Mathematics, D.B.S.(P.G) College Dehradun Ph.D, HNB Garhwal University	Differential Geometry, Approximation Theory
Dr. Maheshwar Pathak	Assistant Professor	B.Sc., Purvanchal University, Jaunpur M.Sc. In Mathematics, Purvanchal University, Jaunpur Ph.D. in Mathematics, NIT Allahabad	Special functions, Numerical Analysis, Applied Mathematics, Computational Mathematics, Differential equations
Dr. Pratibha Joshi	Assistant Professor	B.Sc., Kumaun University, Nainital M.Sc. in Applied Mathematics, IIT Roorkee Ph.D. in Mathematics, NIT Allahabad	Computational Mathematics, Numerical Analysis, Applied Mathematics
Dr. Sandeep Dixit	Assistant Professor	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

Dr. Sangeeta Pant	Assistant Professor	B. Sc.in PCM, Kumaun University Nainital M. Sc. In Mathematics, 2. Kumaun University Nainital Ph.D, G.B. Pant University of Agriculture and Technology, Pantnagar	Multi-objective Optimization, Reliability Optimization, and Evolutionary Algorithms
Dr. Vivek Kumar	Assistant Professor	B. Sc., C.C.S. University, Meerut M.Sc. in Mathematics, C.C.S. University, Meerut M.Phil. in Mathematics, C.C.S. University, Meerut CSIR-UGC National Eligibility Test (NET) in Mathematical Sciences Ph.D in Mathematics, C.C.S. University, Meerut	Hydrodynamic Stability, Viscous Potential Flow
Ravi Kiran Maddali	Senior Lecturer	B.Sc. in Mathematics, Physics and Chemistry, Andhra University M.Sc. in Applied Mathematics, Andhra University, Visakhapatnam Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun Diploma in Advanced Software Technology, CMC Ltd, Hyderabad	Mathematical Modeling and Simulation, Neural Networks
Dr. Divya Ahluwalia	Associate Professor	B.SC from C.C.S University, Meerut M.SC from H.N.B Garhwal University, Shrinagar Ph.D. from IIT-Roorkee.	Control Theory
Dr. Monika Manglik	Assistant Professor	B.Sc. from M.J.P.Rohilkhand University M.Sc. in Mathematics from H.N.B. Garhwal University Ph.D. in in Mathematics from Graphic Era University.	Reliability of complex systems under operating conditions by using Markov Process and coverage Factor Technique
Dr. Reshu Gupta	Assistant Professor - SS	B.Sc. and M.Sc. in Mathematics from M.J.P. Rohilkhand University Ph.D. in in Mathematics from Chaudhary Charan Singh University Meerut.	Fluid Dynamics
Dr. Sk Sarif Hassan	Assistant Professor	B.Sc Calcutta University M.Sc Utkal University Ph.D Utkal University	Discrete Dynamical Systems, Fractals and Quantitative Biology

**Centre For Professional Communication**

Name	Designation	Qualification	Specialization
Dr. Vickram Sahai	Assistant Professor Selection Grade	B.A. in Economics & Political Science, University of Delhi Post Graduate Diploma in Business Administration (Eqvt. MBA), Graduate School of Business & Administration, Ghaziabad Post Graduate Diploma in Public Relations, Bhartiya Vidya Bhawan, Mumbai Master of Mass Communication, Guru Jambheshwar University, Hissar. Master of Philosophy in Mass Communication Doctor of Philosophy, University of Petroleum and Energy Studies	Communication Research & Academic Writing, Corporate Communication, Customer Service & Soft Skills, Transactional Analysis in Workplace, Psychometric Instruments, Theatre in Education
Anand Prakash Pathak	Assistant Professor Senior Scale	B.A. in English (Hons), Ravenshaw Autonomous College (Now Ravenshaw University) M.A. in English, Utkal University Pursuing Ph.D in English, Manav Bharti University	ELT, Semantics & Pragmatics, Applied Phonetics, Professional Writing, Neo-Classical Literature
Dr. Asha Kaushik	Assistant Professor Senior Scale	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 PhD in English, CCS Univesity, Meerut	Feminism, Feminist authors of Victorian Era, Contemporary Fiction and Critical Studies, social welfare and Professional Communication

Dr. Radhika Bansal Pasricha	Assistant Professor - Senior Scale	B.A., St. John's College Agra, Dr. B.R. Ambedkar University, Agra M.A. in English Literature, St. John's College Agra, Dr. B.R. Ambedkar University, Agra PhD in English - "Impact of Patriarchy on The Women Characters in The Novels of Shashi Deshpande", St. John's College Agra, Dr. B.R. Ambedkar University, Agra B.Ed, Advance Diploma in French Language, Dr. B.R. Ambedkar University, Agra Le Diplôme Advance en Français, Advance Diploma in French Language, 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
Dr. Rati Oberoi	Assistant Professor - Senior Scale	B.A., DAV College, Hemwati Nandan Bahuguna Garhwal University M.A. in English Literature, DAV College, Hemwati Nandan Bahuguna Garhwal University PhD in English Literature, Gurukula Kangri Vishwavidyalaya	Lexicology, Language Through Literature, Pedagogical Methods
Dr. Shalini Vohra	Assistant Professor - Senior Scale	B.A., SMJN , Meerut University, M.A., Kanya Gurukul, Gurukul University , Haridwar Ph.D Degree, Gurukul University, Haridwar	English Language & Literature Professional & Business Communication Literature for spiritual Development & Enlightenment
Dr. Jyoti Luxmi Kashyap	Assistant Professor	B.A. in English, GMN College, Ambala Cantt Kukshetra University Kurukshetra M.A. in English GMN College, Ambala Cantt Kukshetra University Kurukshetra PhD, Department of English, Gurukul Kangri University, Haridwar	Indian Aesthetics/ Indian Poetics Indian Writings In English Literature in Translation Language and Communication Literary Criticism
Sasi Sekhar Mallampalli	Senior Lecturer	B. A. M. A. in English Pursuing Ph.D	Business Communication
P. L. L. Annapurna	Senior Lecturer	B.Com (Hons), Sri Satya Sai Institute of Higher Learning Deemed University M.A. in English Literature, Pt. Ravi Shankar Shukla University Pursuing Ph.D, University of Petroleum & Energy Studies, Dehrdaun	Professional Communication Soft skills Training

Arunabh Banerjee	Lecturer	B.Tech in Electronics & Communication, Amity University Masters in Mass Communication, Banaras Hindu University Pursuing Ph.D in Power Management , University of Petroleum & Energy Studies, Dehradun	Development Studies, Audio-Visual Communication, Audience study Communication Flow & Strategic Communication
Noopur Jha	Lecturer	Bachelor in Mass Communication, Patna Women's College, Patna University Master in Mass Communication, Banaras Hindu University Pursuing Ph.D in Management (Oil & Gas), University of Petroleum & Energy Studies	Media Management, Media Economics, Politics & International Relations, Health Communication
Amit Nautiyal	Lead Trainer	B.A., HNB Garhwal University, DAV PG College M.A. in History, Garhwal University, DAV PG College MBA in Marketing, Sikkim Manipal University	Soft Skill, Personality Development, Grooming, Interview Techniques, Employability Skills, MDP, Leadership Skills
Harsh Vardhan Sharma	Assistant Trainer	Diploma in Aviation & Travel Management, Frankfinn, Dehradun Bachelors in Arts, D.A.V (PG) College, H.N.B.G.U, Dehradun MBA in IM & HR, Indian Institute of Planning & Management, Dehradun	Soft Skills Development - Life Skills Enrichment, Behavioral Study & Pattern (The Art of Body Language), EFL – English as First Language, Pre-Placement Training, Market to Marketing Research, Event Management - PEP, PSI & Urja
Pooja Khanna	Assistant Trainer	B.A., Guru Nanak Girls College Ludhiana, Punjab University MBA in Marketing, CSM Institute of Graduate Studies, TASMACH Pune M.A. in Ancient Indian History, Culture & Archaeology, Gurukul Kangri Vishvavidyalay B.Ed, Khalsa College of Education, Guru Nanak Dev University, Amritsar	Soft Skill Development focused on raising Employability Quotient, Thinking Tools, Creative Thinking
Neha Nagpal	Assistant Trainer	Bachelors in Business Administration, IMS , H.N.B.G.U, Dehradun MBA in HR & Marketing, Indian Institute of Planning & Management, Dehradun	Soft Skills Development - Life Skills Enrichment, Executive Communication, Market to Marketing Research, Pre-Placement Training, Event Management - PEP, PSI & Urja

Name	Designation	Qualification	Specialization
Dr. Manish Prateek	Professor	<p>Master of Science in Computer Engineering (Integrated with B. Tech.) Kursk State Technical University, Russia</p> <p>Courses for Research in Manufacturing and Robotics, Memorial University of Newfoundland, Canada</p> <p>PhD in Robotics, Dept. of Physics, L. N. Mithila University, Darbhanga, Bihar, India</p> <p>Research in Manufacturing &amp; Robotics, Memorial University of Newfoundland, Canada</p>	<p>Robotics, Embedded Systems, Operating Systems, Communication Networks, Network and Data Security, Ad-Hoc Network, Image Processing and Pattern Recognition</p>
Dr. Amit Agarwal	Associate Professor	<p>B.Tech in Computer Science Engineering, G.B. Pant Engg. College, Pauri, Uttarakhand</p> <p>M.Tech in Information Technology, Punjabi University, Patiala</p> <p>Ph.D in Computer Science Engineering, Indian Institute of Technology, Roorkee</p>	<p>Parallel and Distributed Computing, Grid &amp; Cloud Computing, Cloud Security</p>
Dr Neelu Jyoti Ahuja	Associate Professor	<p>B.Sc, Osmania University, Hyderabad, Andhra Pradesh</p> <p>M.Tech , IASE Deemed University, Gandhi Vidya Mandir, Sardarshar, Rajasthan</p> <p>M.B.A, Madurai Kamaraj University, Madurai, Tamil Nadu</p> <p>Ph.D, University of Petroleum and Energy Studies, Dehradun</p>	<p>Expert Systems, Artificial Intelligence, Fuzzy Inference Systems, Cloud Computing, Visual Programming Languages</p>
Dr. Ajay Prasad	Assistant Professor Selection Grade	<p>B.Sc. In MPC, Osmania University, Hyderabad</p> <p>MCA, Nagpur University, Nagpur</p> <p>M.Tech in CSE, Mody Institute of Technology and Science, Laxmangarh</p> <p>Ph.D, SPSU (JK Cements), Udaipur</p>	<p>Computer Systems, Security systems, Parallel and Distributed Systems, Grid Systems, Cloud Computing, Modeling and Simulation</p>
Christalin Nelson	Assistant Professor Selection Grade	<p>B.E. (EEE) from Shanmugha College of Engineering, Thanjavur affiliated with Bharathidasan University, Trichy, Tamil Nadu</p> <p>M.E. (CSE) from Karunya University, Coimbatore, Tamil Nadu</p> <p>M.S. (IT) from Bharathidasan University, Trichy, Tamil Nadu</p> <p>Pursuing Ph.D. (CSE) from Karunya University, Coimbatore, Tamil Nadu</p>	<p>Sensor Networks, Active Networks, Network Security</p>

Dr. G Hanumat Sastry	Assistant Professor Selection Grade	M.Sc in Computer Science, Vinayak Mission's University M.Tech in Computer Science and Engineering, Acharya Nagarjuna University Ph.D in Computer Science, Dravidian University	Semantic Web, Data mining and Optimization Algorithms
Dr. Kamal Kumar	Assistant Professor - Selection Grade	B.Tech in Computer Engineering, M.M. Engineering College, Mullana, Ambala M.Tech in Computer Science & Engineering, M.M. Engineering College, Mullana, Ambala Ph.D in computer Science and Engineering, Thapar University Patiala	Computer Science & Engineering
Dr. Manas Ranjan Pradhan	Assistant Professor Selection Grade	B.Sc (Physics) from Utkal University M.Sc (Physics) from NIT Rourkela M.Tech (Computer Science) from Utkal University Ph.D (Computer Science) from University of Mysore	Software Engineering, OOAD (Object Oriented Analysis & Design), Artificial Intelligence, Bioinformatics, Theory of Computation, DBMS, Computer Architecture, Computer Network
Neeraj Chugh	Assistant Professor Selection Grade	B.Sc. In PCM, Gurukul Kangri University, Haridwar M.Sc. in Physics with Specialization in Industrial Instrumentation Design and Maintenance, Gurukul Kangri University, Haridwar M.Tech. in Computer Science and Engineering, Kurukshetra University, Kurukshetra Pursuing Ph.D. in Computer Science and Engineering, Uttrakhand Technical University, Uttrakhand	Data warehouse Programming Languages Data Mining Mainframe DBMS Mainframe System Skills Mainframe Clustering Computer System Architecture DBMS, Advanced DBMS
Dr. Nilima Salanker Fulmare	Assistant Professor - Selection Grade	B.E. in Computer Science & Engineering, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad M.Tech in Computer Science & Engineering, Uttar Pradesh Technical University, Lucknow Ph.D in Computer Science & Engineering, Sir Padampat Singhania University, Udaipur	Computer Science & Engineering

Ravi Praksh	Assistant Professor Selection Grade	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
Dr. M. Venkatadri	Assistant Professor Selection Grade	M.Tech in IT, Punjabi University, Patiala, Punjab M.Tech in CSE, Acharya Nagarjuna University, Guntur, Andhra Pradesh Ph.D, Dravidian University , Kuppam	Data Mining, Artificial Intelligence, Design and Analysis of Algorithms
Dr. Vinay Avasthi	Assistant Professor Selection Grade	B.Sc. In PCM, H. P University M.Sc. in Computer Science, M.D University Ph.D, University of Petroleum & Energy Studies, Dehradun	Ad-hoc networks, Advance technique in computing Algorithm, Cloud- computing, Cryptography and Information Security, Data Warehouse and Data mining, web architectures, Software Engineering
Vishal Kaushik	Assistant Professor Selection Grade	B.Sc, PGDCA, M.Sc (Computer Science) and M. Tech (IT).	Computer Science Engineering, Cryptography, Mobile Computing, E- Commerce & Web Technologies and Project Software Management.
Ajay Rawat	Assistant Professor Senior Scale	MCA, DAV College M.S in Software Syatems - BITS, Pilani, SCJP Sun Certified Java Programmer, SCWCD (Sun Certified Web Component Developer), Microsoft Certified Professional	Cloud Computing, Data Structure, Algorithm, DBMS
Alind	Assistant Professor - Senior Scale	B. Tech in Computer Science & Engineering, Naraina College of Engineering & Technology M.Tech in Computer Science & Engineering, IIT Delhi	Advanced Data Structures, Theory of Computation, Advanced Computer Networks, Cryptography & Computer Security, Introduction to Logic and Functional Programming, Software Systems Laboratory
Dr. Inder Singh	Assistant Professor Senior Scale	B.Com, H.N.B. Garhwal University M. Sc. In IT, H.N.B. Garhwal University M.Tech in IT, KSOU Mysore Ph.D in CSE, University of Petroleum & Energy Studies, Dehradun	Cloud computing, Computer Networks, Technology Management

Jagdish Chandra Patni	Assistant Professor Senior Scale	B.Tech in Information Technology, UPTU Lucknow M.Tech in Computer Engineering, Shobhit University, Meerut Pursuing Ph.D in Computer Engineering, Mewar University Chittorgarh, Rajasthan	Data Base Management Systems, Load Balancing in Grid Computing
Monit Kapoor	Assistant Professor Senior Scale	B.E. in Electrical-Power Systems, Punjabi University, Patiala Post Graduate Diploma in Computer Applications, Kurukshetra University M.Tech in Computer Science Engineering, Kurukshetra University Pursuing PhD in Ad Hoc networks, University of Petroleum & Energy Studies, Dehradun	Software Defined Networks Distributed Computing Mobile Computing Telecom Informatics Advanced Computer Architectures
Dr Piyush Chauhan	Assistant Professor Senior Scale	B.Tech (IT), IEET, Himachal Pradesh University M.Tech-CSE, Jaypee University of Information Technology Ph.D, Jaypee University of Information Technology	Grid Computing
Prakash G L	Assistant Professor Senior Scale	B.E. in CSE, Bangalore University M.E. in Computer Science Engineering, Bangalore University Pursuing PhD, University of Petroleum & Energy Studies, Dehradun	Algorithms, Artificial Intelligence, cloud computing
Abhineet Anand	Assistant Professor	Bachelor of Computer Science, University of Pune, Pune. Master of Computer Science, University of Pune, Pune. Master of Philosophy (Computer Science), University of Nagaland. Master of Technology, Motilal Nehru National Institute of Technology, Allahabad Doctor of Philosophy (Ph.D) (Thesis Submit), B R B A Bihar University, Muzaffarpur	Theory of Automata, Operating System, Computer Architecture, Linux Administration, Linux on Mainframe, Resource Allocation on Mainframe

Abhishek Pandey	Assistant Professor	B.Tech in Computer Science & Engineering, Institute of Technology & Management, Gorakhpur M.E. in Automated Manufacturing System, Birla Institute of Technology, Mesra, Ranchi Pursuing Ph.D in Computer Science & Engineering, Birla Institute of Technology, Mesra, Ranchi	Evolutionary Computation, Bio Inspired Algorithms Swarm Intelligence Automated Software Testing
Ajay Kumar	Assistant Professor	B.Tech(CSE), M.tech(CS)	Data Structure & Algorithm, Formal Language and Automata Theory, Computer Design, database Management, Network security & Cryptography
Amit Verma	Assistant Professor	B.Tech in IT, College of Engineering, Roorkee M.Tech in CS, National Institute of Technical Teachers Training & Research	C Programming Language, Data Structure, Software Engineering, Jquery
Anil Kumar	Assistant Professor	B.E., Pt. Ravishankar Shukla University, Raipur (C.G) M.E., Birla Institute of Technology, Ranchi Pursuing Ph. D, University of Petroleum & Energy Studies, Dehradun	Digital Image Processing, Data Mining, Software Engineering
Ankit Khare	Assistant Professor	B.E. in IT, L.N.C.T Bhopal M.Tech in CSE, Jaypee University of Information Technology, Waknaghat Solan Pursuing Ph.D in Engg, University of Petroleum & Energy Studies, Dehradun	Wireless Sensor Network, DBMS, SQL
Ankit Vishnoi	Assistant Professor	B.Tech in Computer Science, MIT Moradabad, UP M.Tech in Computer Science, NIET, Greater Noida, UP Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Computer Networking, Mobile and Wireless Networking and Multimedia
Ankur Dumka	Assistant Professor	B.Tech, Gurukul Kangri University M.Tech, Uttarakhand Technical University Pursuing Ph.D (MPLS), Uttarakhand Technical University	Networking, Software Designing, Computer Programming, Data Structure

Arun Kumar S.	Assistant Professor	B.E. in Computer Science Engineering, P. S. R Engineering College (Affiliated to ANNA UNIVERSITY, Chennai) M. Tech in Software Engineering, Karunya University, Coimbatore Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Software Engineering, OOAD, Artificial Intelligence, Neural Networks, Data Mining
Arun Singh	Assistant Professor	B.Tech in IT, Jaypee Institute of Information Technology, Noida M.Tech in GIS & Remote Sensing MNNIT, Allahabad Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Embedded Systems, GIS, Transportation, Algorithms
Bhagwant Singh	Assistant Professor	B.Tech in Electronics and Communication, University Institute of Engineering and Technology, Panjab University, Chandigarh M.Tech in GIS and Remote Sensing, Motilal Nehru National Institute Of Technology, Allahabad Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Geographic Information system and Remote Sensing, Database Modeling and Design, Development of Windows/Web Application
Bhupendra Singh	Assistant Professor	Bachelor in Engineering, Kumaon Engineering College, Dwarahat Masters in Information Technology, Indian Institute of Information Technology, Allahabad	Energy Trading and Risk Management (ETRM/CTRM)
Ch. Prem Kumar	Assistant Professor	B.Tech in CSE, JNTUH M.Tech in CSE, JNTUH Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Server Virtualization & Optimization, Query Processing in Global Information Systems, Security System for DNS Using Cryptography, Wireless ad hoc mobile networks, - Design & Analysis of Algorithms(DAA), Computer Organization(co), FLAT, Mobile computing, Embedded systems, Microprocessors & microcontrollers, SCADA, Compiler Design

Dinesh Kumar Baghel	Assistant Professor	B.Tech in Computer Science & Engg., BBDNITM Lucknow M.Tech in GIS & Remote Sensing, MNNIT Allahabad	Genetic Algorithm, Combinatorial Optimization, Geographic Information System
Gautam Kumar	Assistant Professor	B.Tech in ECE, School of Engineering, Cusat, Kochi, Kerala M.Tech. in C.S., NIT Trichy Pursuing Ph.D, UPES	Computer Networks, Microprocessor & Microcontroller, Embedded system, Image processing, Computer system architecture
Gunjan Chhabra	Assistant Professor	B.Tech in CSE, Guru Teg Bahadur Khalsa Institute of Engg. And Technology, Malout M. Tech in AI & ANN, University of Petroleum & Energy Studies, Dehardun Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Image processing, Artificial Intelligence, Artificial Neural Networks, Natural Language Processing, Biometrics
Himanshu Sahu	Assistant Professor	B.Tech in Computer Science & Engineering, IK Institute of Applied Physics & Technology M.Tech in Information Security, MNNIT Allahabad	Operating System, Computer Network
Hitesh Kumar Sharma	Assistant Professor	B.Sc., Gurukul Kangri University Haridwar GATE Qualified (2012) M.Sc. In Physics, Maharishi Dayanand University Rohtak M.Tech in Software Engg - CSE), ITM, Gurgaon Pursuing Ph.D, Banasthali University, Jaipur	Big Data Analytics Sentiment Analysis Automated Database Tuning Digital Image Processing
Hukam Singh Rana	Assistant Professor	M.Tech. (Computer Science & Data Processing - IIT Kharagpur) Pursuing Ph.D from UPES	Machine Learning, Deep Learning , Recommendation System
Jatin Sethi	Assistant Professor	B.E. in Computer Science Engineering, RGPV Bhopal MS in Cyber Law & Information Security, IIIT Allahabad	ISMS, PCI-DSS, Risk Management, ITIL, SIEM, Internal Audit

Juhi Agrawal	Assistant Professor	B.Tech in Information Technology & Engineering, Lovely Professional University, Phagwara, Punjab M.Tech in Information Technology & Engineering, Graphic Era University, Dehradun	Information Technology
Dr. Kingshuk Srivastava	Assistant Professor	B.Sc. In Physics, C.M. Science College, Darbhanga M.Sc. In Physics - Electronics, C.M. Science College, Darbhanga M.Tech in Petro-informatics, University of Petroleum & Energy Studies	Oil & Gas Informatics, Data warehousing, Business Analytics, Business Intelligence, Big Data, HPC
Niharika Singh	Assistant Professor	B.Tech in Electronics & Communication, I.T.S. Engineering College, Greater Noida. Affiliated to G.B.T.U. M.Tech in Artificial Intelligence & Artificial Neural Networks, University of Petroleum & Energy Studies, Dehradun Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Image Processing, Signal Processing, ICT, Embedded Systems, Artificial Intelligence, Computer Networks, Computer Fundamental
Nilanjana Pradhan	Assistant Professor	B.Sc. in Electronics, Barrackpore Rastraguru Surrendranath College B.Tech in IT, Rajabazar Science College M.Tech in IT, West Bengal University of Technology Pursuing Ph.D from University of Petroleum & Energy Studies, Dehradun	Quantum computing Cloud computing Mobile computing
Pankaj Badoni	Assistant Professor	B.Tech in Computer Science & Engineering, College of Engineering Roorkee M.Tech in Information Technology with specialization in Human Computer Interaction, Indian Institute of Information & Technology Allahabad Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Human computer Interaction. Digital Image Processing. Computer Graphics. Artificial Intelligence Mainframe Technologies

P. Srikanth	Assistant Professor	B.Tech in I.T., Kshatriya college of Engineering, JNTU M.Tech in Parallel computing, Aurora's Engineering College, JNTUH Pursuing Ph.D.	Distributed & parallel computing, Algorithms and data structures
Poonam Kainthura	Assistant Professor	B.Sc in CS, Banasthali Vidyapith M.Sc. in CS, Banasthali Vidyapith Pursuing Ph.D, UPES, Dehradun	Data Mining, Geographical Information System
Pratyush Kumar Deka	Assistant Professor	B.Tech in Computer Science & Engineering, Tezpur University, Assam M.Tech in GIS & Remote Sensing, MNNIT Allahabad Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Geoinformatics, Spatial Data Mining
Purna Pandey	Assistant Professor	B.Tech in Computer Science, AITS, Haldwani M.Tech in Computer Science, NIT Jalandhar	Computer Science & Engineering
Roohi Sille	Assistant Professor	B.Tech in Biomedical Engineering, Bundelkhand University M.Tech in Artificial Intelligence & Artificial Neural Network, University of Petroleum & Energy Studies	Artificial Neural networks and Machine Learning techniques in the medical field for diagnosis
Rashmi Sharma	Assistant Professor	B.Sc (Hons.) in Computer Science, Banasthali University, Rajasthan M.Sc in Computer Science, Banasthali University, Rajasthan M.Tech in Computer Science, Banasthali University, Rajasthan Pursuing Ph.D in Real Time Distributed System, Jaypee University of Information Technology, Waknaghat, Solan	Real Time and Distributed Systems, Mobile Computing
Ravi Tomar	Assistant Professor	B.Tech in Computer Science & Engineering, UPTU, Lucknow M.Tech in Computer Science & Engineering, JNU, Jodhpur Pursuing Ph.D, UPES, Dehradun	Wireless Sensor Networks, Digital Image processing, Data Mining & Analyzing Neural data

Rajeev Tiwari	Assistant Professor	B.Tech in CSE, Haryana Engineering Collage Jagadhri affiliated to Kurukshetra University M.Tech in CSE, MMEC MULLANA affiliated to Kurukshetra University Pusing Ph.D in CSE, Thapar University and GATE qualified 2011.	Ubiquitous Computing, Cache Invalidation Techniques(CIT) in Wireless, VANET,MANET, NS2, Communication Networks, Network Analysis, Virtualization and Cloud, Algorithms, Operating Systems
Ruchika Saini	Assistant Professor	B.Tech, Suresh Gyan Vihar University M.Tech, Suresh Gyan Vihar University	Software Engineering
Sachi Choudhary Shukla	Assistant Professor	B.E. in CSE, Chhatrapati Shivaji Institute of Technology, Durg M.Tech in CSE, Raipur Institute of Technology, Raipur	Web Designing, Programming Languages, Network Security, Artificial Intelligence
Shukun Tokas	Assistant Professor	B.Sc. in Computer Science, Delhi University, New Delhi MCA, University School of Information Technology, Guru Gobind Singh Indraprastha University, New Delhi M.E., BITS Pilani, K. K. Birla Goa Campus, Goa Pursuing PhD, University of Petroleum & Energy Studies, Dehradun	Technical skills – Java (J2SE & J2EE), JDBC, C programming, Data Structures, Algorithms, Maven, Hibernate, Linux/UNIX, Shell Scripting, LC3, XML  Research – Design Patterns, Object Oriented Programming, Artificial Intelligence, Multi-agent Systems, Pervasive Computing, Network Security and Cryptography
Sheetal Bisht	Assistant Professor	B.Tech in Computer Science & Engineering, College of Engineering, Roorkee M.Tech in Computer Engineering, College of Technology, Govind Ballabh Pant University of Agriculture & Technology, Pantnagar	Data Mining, Operating System, Computer Networks
Soumalya Ghosh	Assistant Professor	B.Tech, Asansol Engineering College, West Bengal, India M.S., Indian Institute of Technology Kharagpur, West Bengal, India Pursuing PhD, University of Petroleum and Energy Studies, Dehradun , Uttarakhand, India	Human computer interaction, text entry mechanism in Indian language, soft computing, wireless sensor network, communication & networking

Sunil Kumar	Assistant Professor	B.Tech in CSE, SKIET, Kurukshetra University Kurukshetra, Haryana M.Tech in CSE, MMEC, Mullana, Ambala, Haryana Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	C Language, Design and Analysis of Algorithm, Statistical Analysis, Theory of Computation, Data Structure
Vijaya Kamal Madadi	Assistant Professor	B.E. in CSE, Vijayanagar Engineering College, Gulbarga University, Karnataka State M.Tech, Jawaharlal Nehru Technological University, Hyderabad Pursuing Ph.D, Jawaharlal Nehru Technological University, Hyderabad.	Data Warehousing and Data Mining. Networking, Information Security & Cryptography
Vishwas Rathi	Assistant Professor	B.Tech in Computer Science, NIT Patna M.Tech in Computer Science, MNNIT Allahabad Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Data base management system, Data Mining, Big Data
Gagan Deep Singh	Senior Lecturer	Graduation in Computer Application, IAS M.Sc., C. S., IPS M.Phil, C. S., IPS Pursuing Ph.D, UPES	Implementation and Application of ICT for System optimization and performance
Harvinder Singh	Assistant Professor	B.Tech, Kurukshetra University M.Tech, Kurukshetra University	Cloud Computing, Software Engineering & Operating System
Kamalpreet Singh	Assistant Professor	B.Tech. in Computer Science Engineering, Punjab Technical University M.Tech. in Information Security, PEC University of Engineering & Technology, Chandigarh	Cloud Computing & Network Security
Aradhana Kumari Singh	Assistant Professor	B.E, Chattisgarh Swami Vivekanand Technical University, Bilai M.E, Chattisgarh Swami Vivekanand Technical University, Bilai	Image Processing
Gaurav Bhardwaj	Assistant Professor	B.Tech, Maharishi Markandeshwar University M.Tech, Maulana Azad National Institute of Technology (NIT), Bhopal	Parallel Computing
Gopal Chanana	Assistant Trainer	B.A, Hemwati Nandan Bahuguna Garhwal University M.A, Sri Dev Suman Uttarakhand Vishwavidhyalaya	Employability skills and Interview Technique

**Department Of Petroleum Engineering & Earth Sciences**

<b>Name</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>
Prof. B. P. Pandey	Distinguished Professor	B.Sc. (Hons.), Petroleum Technology M.Tech. in Chemical Engineering, IIT K Ph.D. in Chemical Engineering, IIT K	Petroleum Engineering
Dr. K.S Misra	Distinguished Professor	B.Sc M.Sc in Geology Ph.D in Exploration Geology & Remote Sensing, University of Manitoba, Canada	Exploration Geology, Petroleum Geology, Remote Sensing
Dr. Satish Kumar Nanda	Adjunct Professor	B.E in Science & Maths M.Sc. in Organic Chemistry Ph.D in 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
R. P. Soni	Adjunct Faculty	B.E. in Chemical Engineering, University of Roorkee	Offshore production operations, 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 planning - preparing future projections etc. Data analysis
Dr. Dharmendra Kumar Gupta	Professor	B.E. in Mechanical Engineering , University of Pune M.E. in Analysis & Design of Process Equipment's, NIT Allahabad Ph.D in Drilling Engineering, University of Petroleum & Energy Studies, Dehradun	Drilling engineering ( both onshore & off shore) Well bore Stability, Well control, Geomechanics & Hydro fracturing

Dr. Pushpa Sharma	Professor	B.Sc M.Sc Ph.D in Physical Chemistry	Reservoir Engineering (Petrophysical Studies, Reserve estimation EOR, Reservoir Simulation and modelling, E-facies and Reservoir characterization)
Dr. Ajay Suri	Associate Professor	B.Tech in Petroleum Engineering, Indian School of Mines M.S. in Petroleum Engineering, University of Texas at Austin Ph.D in Petroleum Engineering, University of Texas at Austin	Petroleum Engineering, Earth Science
Dr. Mandira Agarwal	Associate Professor	B.Sc.Honours in 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
Dr. Pankaj Kumar Srivastava	Associate Professor	B.Sc, University of Allahabad M.Sc in Geology, IIT Kharagpur M.Tech in Applied Geology, IIT Kharagpur PhD in Geology & Geophysics, IIT Kharagpur Post-Doctoral Degree in Remote Sensing, University of Tokyo	Groundwater, Remote Sensing, GIS
Dr. U. Kedareshwarudu	Associate Professor	B.Sc., Govt. Autonomous College, Rajahmundry, Andhra University M.Sc. In Geophysics, Andhra University M.Tech in CSE, Allahabad University Ph.D in Geophysics, Andhra University PDRF-CSIR  Young Scientist-DST Principal Investigator	Mineral Exploration by Geophysical Methods Ground Water Exploration Watershed Management Geo-Technical Evaluation Rock-Quarry Planning Mining Geophysics Cave/void detection Petroleum Engineering

Dr. V. L. Narasimham	Associate Professor	<p>B. Sc., Andhra University, Vissakhapatnam  M. Sc., University of Pune, Pune  Ph.D Indian Institute of Technology, Kharagpur  Post-Doctoral Fellow, Academia Sinica, Nankang, Taiwan  Executive Post Graduate Diploma in International Business, Indian Institute of Foreign Trade, New Delhi  Pursuing Executive Fellow Program, Indian Institute of Management, Kashipur</p>	<p>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</p>
Dr. J. Devaraju	Assistant Professor Selection Grade	<p>B.Sc., Yuvaraj College Mysore  M.Sc. in Geology, University of Mysore  Post-M.Sc., Diploma in Hydrogeology, University of Mysore  Ph.D in Geology, University of Mysore  Post-Doctoral Degree in Geology, IIT Roorkee</p>	<p>Igneous, metamorphic and Sedimentary Petrology &amp; Petroleum Geology  Methods of petroleum exploration &amp; Structural Geology  Pedology &amp; Remote sensing &amp; GIS  Palaeontology &amp; Palynology  Environmental Sciences &amp; Engineering Geology  Rock Mechanics &amp; Geotechnical Engineering  Surveying technique &amp; Fluid inclusion and geochemistry</p>
Dr. Saurabh Mittal	Assistant Professor Selection Grade	<p>B.Sc. (Hons.) in Geology, Aligarh Muslim University, Aligarh  M.Sc. in Applied Geology, Aligarh Muslim University, Aligarh  M.Tech. in Earth &amp; Env. Sciences, IIT Kharagpur  Ph.D. in Geophysics, IIT Kharagpur</p>	<p>VLF- Electromagnetic Methods, Nuclear Geophysics, Geophysical Exploration, Integrated Geophysical Research, Radon modelling, Remote Sensing and GIS, Shallow sub-surface Imaging</p>
Arpita Roy	Assistant Professor Senior Scale	<p>B.Sc. In Geology Honours, University of Burdwan  M.Sc. In Applied Geology, Presidency College, Calcutta University  M.Tech in Petroleum Exploration, Indian School of Mines, Dhanbad</p>	<p>Petroleum Engineering &amp; Earth Sciences</p>

Ashish Aggarwal	Assistant Professor Senior Scale	B.Sc Hons. In Geology, Panjab University, Chandigarh M.Sc Hons. in Geology, Panjab University, Chandigarh M.Tech in GIS & Remote Sensing, University of New South Wales, Sydney, Australia Pursuing PhD, University of Petroleum & Energy Studies, Dehradun	GIS and Remote Sensing, Geology
Md. Ismail Iqbal	Assistant Professor Senior Scale	B.Tech in Mechanical Engineering, Osmania University M.S. in Petroleum & Gas Engineering, University of Salford, U.K. Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Drilling Engineering, Production Engineering, Reservoir Engineering, Oil Field Development Well Stimulation
Dr. Uday Bhan	Assistant Professor - Senior Scale	B.Sc., Allahabad University M.Sc.in Applied Geology, Allahabad University M.Tech in Petroleum Exploration, Indian School of Mines, Dhanbad Ph.D, University of Petroleum and Energy Studies, Dehradun	Basin Analysis, Source Rock Evaluation, Organic Geochemistry, Formation Evaluation and Well Logging
Vamsi Krishna Kudapa	Assistant Professor Senior Scale	B.Tech in Chemical Engg., Bapatla Engineering College M.S. in Petroleum Technology, University of Teesside, United Kingdom Pursuing Ph.D. in Modeling and simulation of gas production from Shale Reservoirs, University of Petroleum & Energy Studies, Dehradun	Drilling Engineering, Reservoir Engineering, Unconventional Gas Reservoirs- Shale Gas & Gas Hydates
Dr. Nirlipta Priyadarshini Nayak	Assistant Professor	M.Sc. In Geology, Utkal University, Odisha M.Tech in Mining Engineering, NIT Rourkela, Odisha Pursuing Ph.D	Mining Engineering
<b>Department Of Chemical Engineering</b>			
<b>Name</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>
Dr. Shrihari	Sr. Professor cum Campus Director	B.Tech in Chemical Engineering, BITS-Pilani M.Tech in Chemical Engineering PhD in Chemical Engineering, IISc.Bangalore	Chemical Engineering, Process Simulation

Dr. Indra Deo Mall	Distinguished Professor	B.Sc in Chemical Engineering, Banaras Hindu University M.Sc in Chemical Engineering, Banaras Hindu University Ph.D in Chemical Engineering, Banaras Hindu University	Environmental Engineering, Petroleum and Petrochemical, Chemical Technology, Pulp and Paper
Dr. Parichay Kumar Das	Distinguished Professor	B.Sc Chemistry Honours, Presidency College, Kolkata B.Tech in Plastics & Rubber Technology, Kolkata University Ph.D in 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
Dr. R. P. Badoni	Distinguished Professor	B.Sc. In Physics, Chemistry & Mathematics, Agra University M. Sc. In 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
Dr. Nityanand Choudhary	Adjunct Professor	B.Sc. in Chemical Engineering M.Sc. In Chemical Engineering Ph.D in Chemical Engineering	Chemical Engineering
Dr. S. K. Gupta	Distinguished Professor	B.Tech in Chemical Engg, IIT Kanpur M.S. in Chemical Engineering, University of Pennsylvania, Philadelphia, USA Ph.D in Chemical Engg, University of Pennsylvania, Philadelphia	Polymerization Reaction Engineering, Multi-objective Optimization using Evolutionary Techniques
Dr. Ashoutosh Pandey	Professor	B. Tech in Chemical Engineering, IIT Kanpur M.Tech in Chemical Engineering, IIT Kanpur Ph.D in Chemical Engineering, University of Massachusetts, USA	Chemical Engineering

Dr. G Gopalakrishnan	Associate Professor	B.Sc in Applied Sciences, Thiagarajar College of Engineering, Madurai M.Sc in Applied Chemistry Anna University, Chennai Ph.D in Heterogeneous Catalysis, Anna University, Chennai	Heterogeneous catalysis, Catalyst development for petroleum refining, Bio- fuels
Balasubramaniam Manikandan	Assistant Professor Selection Grade	B.E in Chemical Engineering M.Tech in Chemical Engineering	Chemical Reaction Engineering, Heat Transfer, Petrochemical Technology, Fuels & Combustion, Mass Transfer, Down Stream Processing, Mechanical Operations
Ch Vara Prasad	Assistant Professor Selection Grade	B. Tech in Chemical Engineering, Andhra University College of Engineering M.Tech in Chemical Engineering, Andhra University College of Engineering Pursuing Ph.D in Chemical Engineering, JNTU, Kakinada, Andhra Pradesh	Petroleum Refining, Particle Technology, Environmental Engineering
Dr. Krunal Madhukar Gangawane	Assistant Professor Selection Grade	B.E. in Chemical Engineering, A.I.I.S.S.M.S., University of Pune M.Tech in Chemical Engineering, IIT Roorkee Ph.D. in Chemical Engineering, IIT Roorkee	CFD, Chemical Engineering
Niteen Ramchandra Yeole	Assistant Professor Selection Grade	B.Tech in Petrochemicals M.E in Chemical Engineering	Gas Processing Technology, Heat Transfer Process, Environment Management of Hydrocarbons, Separation Process, Basics of Petroleum Refining & Petrochemicals
Rajeshwar Mahajan	Assistant Professor Selection Grade	B. Tech in Chemical Engineering M.E in Chemical Engineering Pursuing Ph.D	Chemical Engineering
Dr. Vijay Parthasarthy	Assistant Professor Selection Grade	B.Tech in Chemical Engg, St. Peter's Engineering College, Madras University, M.Tech in Chemical Engg, Vellore Institute of Technology, Ph.D in Chemical Engg, IIT Madras	Chemical Engineering

Adarsh Kr. Arya	Assistant Professor Senior Scale	B.Tech in Chemical Engineering, B.I.E.T. Jhansi M.Tech in Chemical Engineering, H.B.T.I. Kanpur Pursuing PhD from University of Petroleum & Energy Studies QIP : Piping Engineering, IIT Mumbai	Multiobjective Optimization, Ant Colony Optimization, Pipeline Hydraulics, Gas Hydrates
Amit Kumar Thakur	Assistant Professor Senior Scale	B.Tech in Chemical Engineering, BIT Sindri, Dhanbad M.Tech. in Chemical Engineering, IIT Mumbai	Colloid and interfacial Science includes understanding cracking in paints and coatings, Polymerization reaction engineering, Modeling and Simulation, Multi objective optimization
Bhalchandra Shingan	Assistant Professor Senior Scale	B.E in Chemical Engineering M.Sc in Gas Engineering & Management, University of Salford, UK Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	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
Kumargaurav Dnyaneshwar Punase	Assistant Professor - Senior Scale	B. Tech in Chemical Engineering, Laxminarayan Institute of Technology, Nagpur University M. Tech in Chemical Engineering, IIT Roorkee Pursuing Ph.D	Process Design, Modelling and Simulation, Heat Transfer, Engineering Economics, Renewable Energy
K. S. Rajmohan	Assistant Professor - Senior Scale	B.Tech in Chemical Engineering, Bharathidasan University M.Tech in Surface Science & Engineering, National Institute of Technology, Jamshedpur Pursuing Ph.D in Chemical Engineering, IIT Madras	Chemical Engineering
Rahul Kumar	Assistant Professor Senior Scale	B.Tech M.Tech, IIT , Bombay Pursuing Ph.D	Chemical Engineering
Rose Havilah Pulla	Assistant Professor Senior Scale	B. Tech in Chemical Engineering M.E in Petrochemical Engineering Pursuing Ph.D	Chemical Engineering

Sukanchan Palit	Assistant Professor Senior Scale	Bachelor's Degree in Chemical Engg, Jadavpur University, Kolkata Diploma in Business Management, All India Institute of Management Studies, Chennai, Diploma in Human Resource Development, All India Institute of Management Studies, Chennai Diploma in Environmental Management System & ISO 14000/14001, All India Institute of Management Studies, Chennai Master's in Chemical Engg, Jadavpur University, Kolkata Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Environmental Engineering, Multi-objective optimization, Chemical reaction engineering, Advanced oxidation processes, Ozonation
Giridhar Vadicharla	Assistant Professor	B.E. (Hons.) in Chemical Engineering, BITS Pilani M.E. in Chemical Engineering with Specialization in Petroleum Engineering, BITS Pilani	Thermodynamics, Heat Transfer
Leena Kapoor	Assistant Professor	B.Tech in Chemical Engineering M.Tech in Chemical Engineering Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	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
Shyam Kumar Inturi	Assistant Professor	B.Tech in Chemical Engineering M.Tech in Gas Engineering	Chemical Engineering
Srinivas Tadepalli	Doctoral Research Fellow	B.Tech in Chemical Engg, Bapatla Engineering College, Acharya Nagarjuna University M.Tech in Gas Engg, University of Petroleum & Energy Studies, Dehradun Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Environmental Engineering/ Adsorption, Bio remediation of heavy metal ions , Modeling of Adsorption systems, Thermo Dynamics
<b>Department Of Mechanical Engineering</b>			
<b>Name</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>

Dr Rajnish Garg	Professor	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
Dr Suresh Kumar	Professor	B.Tech in Mechanical Engineering, National Institute of Technology, Jamshepur M.Tech in Management Studies, Technological Institute of Textiles & Sciences, Bhiwani Associateship Course in Sugar Engineering from National Sugar Institute, Kanpur M.Tech in Energy Studies, IIT Delhi Ph.D, IIT Delhi	Solar thermal including power plants, Refrigeration, Energy analysis of thermal systems
Dr. Pankaj Kumar Sharma	Associate Professor	B. Tech M. Tech, IIT Roorkee Ph.D, University of Petroleum & Energy Studies, Dehradun	Mechanical Engineering Renewable energy Biomass(Gasification, cook stove), Solar
Dr Pradeepta Kumar Sahoo	Associate Professor	B.Tech in Agricultural Engineering M.Tech in Agricultural Engineering Ph.D in Energy Studies, IIT Delhi	Mechanical Engineering & Bio Fuels
Dr. Shyam Pandey	Associate Professor	B.E. in Mechanical Engineering, H.C.E.T., Jabalpur M.Tech in Industrial Metallurgy, IIT Roorkee Ph.D in I C Engines, University of Petroleum & Energy Studies, Dehradun	Fluid Mechanics, Theory of Machines, Thermodynamics, Thermodynamics and Heat Transfer, Gas turbines power plants to the undergraduate and post graduate students.
Dr. Ajay Kumar	Associate Professor	B.E. in Mechanical Engineering, Gulbarga University M.E. in Design of Process M/C, MNNIT Allahabad Ph.D (Submitted-2014), MNNIT Allahabad	Thermal, RAC, Turbo M/C, Composites manufacturing techniques, Vacuum Technology, FEM
Sharad Prakash Saxena	Industry Fellow	B.E Gauhati University, Member A.M.I.E	Operation & Maintenance of Product/ Crude Pipeline, Pipeline Life Assessment & Construction, Operation & Maintenance of Solar Power Plants and Commissioning
Deepak Kumar	Assistant Professor Selection Grade	M. Tech in CAD/CAM Pursuing Ph.D	CAD, CAM

Dr. Garimella Venkata Subrahmanyam	Assistant Professor Selection Grade	B.Sc in Mathematics, Physics & Chemistry, Andhra University, Vishakapatnam B.Tech in Chemical Technology, Institute of Chemical Technology, Matunga, Mumbai M.Sc in Chemistry, University of Wyoming, USA Ph.D. in 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 & Engineering
G. Gouripati Sastry	Assistant Professor Selection Grade	B.E. in Mechanical Engineering, Marathwada University, Aurangabad M.Tech in Computer Integrated Manufacturing, NIT Warangal Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Production Engineering, Manufacturing Systems
Narayan Khatri	Assistant Professor Selection Grade	B.E. in Mechanical Engg., M B M Engineering College , Jodhpur M.Tech., National Institute of Technology , Jaipur Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Strength of Materials, Machine Design, IC Engines, Engine Testing & Alternative Fuels
Dr. P. Suresh Kumar	Assistant Professor Selection Grade	B. Tech in Mechanical Engineering M.Tech in Thermal Engineering Ph.D	Mechanical Engineering & Thermal Engineering
Dr. P. S.Ranjit	Assistant Professor Selection Grade	DAE in Automobile, State Board of Technical Education B.E. in Automobile Engineering, Shivaji Univ. M.S. M.E. in Mechanical Engineering, Madras Univ., T.N. PhD, University of Petroleum & Energy Studies, Dehradun Professional Courses: AMIE., AMISTD, MISTE and C.Er.	Internal Combustion Engines, Hydrogen application in IC Engines Automotive Engineering
Bomma Ramanjaneyulu	Assistant Professor – SG	B.Tech. in Chemical Engineering from Andhra University college of engineering, Visakhapatnam M.Tech in chemical engineering from IIT-Madras	Transport Processes, Energy Conservation & Audit and Process Equipment Design
Dr. Satish Kommoji	Assistant Professor – SG	B.Tech. in Chemical Engineering From M.V.G.R College of Engineering Vizianagaram M.Tech from Sri Venkateswara	Polymer processing, Polymer Rheology, Polymer composites, Fluidization and Adsorption

		University and Ph.D. from IIT-Delhi.	
Anup Gupta	Assistant Professor - Senior Scale	B.Tech in Mechanical Engineering, D.A.V Institute of Engineering & Technology, Jalandhar M.Tech in Production Engineering, IIT Delhi	Metal Forming Analysis, Casting Technology, Machining Processes and Analysis, CNC Technology & Programming, Metrology, Welding & Allied Processes, Composite Materials & Processing, Injection Molding and Mold Design, CAD/CAM, Rapid Prototyping and Tooling
Ashish Kumar Gautam Saran	Assistant Professor Senior Scale	B.Tech, IIT Bombay M.Tech in Mechanical Engineering, IIT Bombay	Engineering Mechanics, Strength of Materials, Theory of Machines, Vibrations
Dishant Beniwal	Assistant Professor Senior Scale	B.E. in Metallurgical Engineering, Punjab Engineering College, Chandigarh M.Tech. in Material Science, IIT Bombay	High Temperature Corrosion, Corrosion in nuclear energy applications (SS, Ni –alloys and Zr-alloys), Coatings and inhibitors, Electrochemical Impedance Spectroscopy
Jhalak	Assistant Professor Senior Scale	B. Tech in Mechanical Engineering, G. B. Pant University of Agriculture & Technology, Pantnagar M. Tech in Corrosion Science, Materials Science and Metallurgy Department, IIT Bombay	Mechanical failure of materials in corrosive environments
Jitendra Yadav	Assistant Professor Senior Scale	B.E. in Mechanical Engineering, SGSITS Indore, DAVV Indore University M.E. in Tribology and Maintenance, SGSITS Indore, RGPV University Bhopal Pursuing Ph.D in Mechanical Engg., MANIT Bhopal	Mechanical vibration, Friction induced stick slip phenomenon Modeling and simulation
Pankaj Kumar	Assistant Professor Senior Scale	B.E. in Mechanical Engineering, PEC University of Technology, Chandigarh M.Tech in Production Engineering, IIT Delhi	Metal Forming Analysis, Casting Technology, Machining Processes and Analysis, CNC Technology & Programming, Metrology, Welding & Allied Processes, Composite Materials & Processing, CAD/CAM

Ramesh Kumar Donga	Assistant Professor Senior Scale	B.Tech. in Mechanical Engineering M. Tech. in Mechanical Engineering Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Fluid Mechanics, Computational methods in fluid mechanics and heat transfer, Heat And Mass Transfer, Engineering Mechanics, Dynamics of Machines
Ramesh M.	Assistant Professor Senior Scale	B.E. in Mechanical Engineering, University of BDT College of Engineering, Kuvempu University, Karnataka M.Tech in Maintenance Engineering, Sri Jayachamarajendra college of engineering, Mysore, Karnataka Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Maintenance engineering & NDT analysis, Fracture mechanics and surface coatings
S. Ashok Kumar	Assistant Professor Senior Scale	B.E. in Mechanical Engineering M.E. in Manufacturing Engineering	CAD, CIM, Nano Technology, Robotics & Automation
Santosh Kumar Kurre	Assistant Professor Senior Scale	B.E. in Mechanical Engg., Pt.R.S.S.U. Raipur M.E. in Tribology and Maintenance Engg., SGSITS Indore M.P. Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Engine tribology, biofuels, lubrication and lubricant, biolubricant, spectroscopy
Amneesh Singla	Assistant Professor	B.E in Mechanical Engineering M.E in Automotive Product Development, Deakin University, Australia Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Automobile Engineering
Anil Babu Sankuru	Assistant Professor	B.Tech in Mechanical Engineering, Bapatla Engineering college, Bapatla M.Tech in Industrial Metallurgy, NIT Trichy Pursuing Ph.D, University of Petroleum & Energy Studies	Physical Metallurgy, Mechanical behavior of materials
Deepak Bhardwaj	Assistant Professor	B.Tech in Mechanical Engg, VTU Belgaum M.Tech in Robotics & Automation, MDU Rohtak Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Robotics & Control, Automation, CF, FEM, Solar Energy, Mechatronics

Geetanjali Raghav	Assistant Professor	B.Tech. in Industrial & Production Engg, Dehradun Institute of Technology M.Tech. in Thermal Engineering from Dehradun Institute of Technology Pursuing Ph.D in energy UPES Dehradun	Solar energy, heat and mass transfer, theory of machine
Ishan Aggarwal	Assistant Professor	B.Tech in Mechanical Engineering, Kurukshetra University M.Tech in ME-Machine Design, NIT Kurukshetra	Mechanical Engineering - ANSYS, Hyperworks, Catia, Solidworks, Creo (Pro-E)
Natraj Mishra	Assistant Professor	B.E. (Hons), MDU Rohtak M.Tech., MDU Rohtak Pursuing Ph.D, IIT Delhi	Robotics, Mechatronics, Instrumentation and Control, Vibration
Nirmalya Tripathi	Assistant Professor	B.Tech in Mechanical Engg. M.Tech in Mechanical Engg.	Engg. Mechanics, Fluid Mechanics, Heat Transfer, Thermodynamics
Prashant Shukla	Assistant Professor	B.E. in Mechanical Engineering from Chhatrapati Shivaji Institute of Technology, Durg M.Tech in Design Engineering from Karunya Institute of Technology, Coimbatore Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Machine Design, Ergonomics Renewable Energy & Solid Waste Management
V Senthil Kumar	Assistant Professor	B.E. in Mechanical Engineering, Vel tech / Anna University, Chennai M.E. in Automobile Engineering, M.I.T. Campus, Anna University, Chennai Pursuing Ph.D., University of Petroleum and Energy Studies, Dehradun	Automobile Engineering, Internal Combustion Engines, Cad applications in Automotive engine design, Chassis components design, Vehicle body Engineering, In house advanced Design/ Analysis software
Yashvir Singh	Assistant Professor	B.E. in Mechanical Engineering, Institute of Engineering & Technology, Dr. B.R. Ambedkar University, Agra M.Tech. in Mechanical EngineeringGautam Buddh Technical University, Lucknow Pursuing Ph.D, University of Petroleum and Energy Studies, Dehradun	Tribology, Composites, Biomass and Bioenergy
Shival Dubey	Doctoral Research Fellow	B.E in Automobile Engg, Rajiv Gandhi Technical University, Bhopal M.Tech in Robotics Engg, University of Petroleum & Energy Studies, Dehradun	Mechanical Engg

Anshul Kumar Singh	Doctoral Research Fellow	B.Tech, UP Technical University M.Tech, National Institute of Technology (NIT), Calicut	Manufacturing technology
Avani Kumar Upadhyay	Assistant Professor – SS	B.Tech, UP Technical University M.Tech, IIT Roorkee	Welding Engineering
Lalit	Assistant Professor – SS	B.Tech. in Mechanical Engineering from Y.M.C.A. University of Science & Technology M.Tech. in Production Engineering from IIT Delhi.	Production Engineering
Swapnil Sureshchandra Bhurat	Assistant Professor - SS	B.E University of Pune MS University of Herfordshire, UK	Automotive Engineering

**Department Of Electrical Engineering**

Name	Designation	Qualification	Specialization
Dr. Kamal Bansal	Professor cum Dean - COES	B. Tech in Electrical. Engineering M.Tech in Power Systems Ph.D in Renewable Energy Engineering	Electrical Engineering, Project Management, Maintenance & Operations
Amarnath Bose	Industry Fellow	B.E. in Mechanical Engineering, Bangalore University Diploma in Management, IGNOU Certificate in Statistical Methods with Specialization in Operation Research & Statistical Quality Control, Indian Statistical Institute MS in Engineering Management, New Jersey Institute of Technology, New Jersey, USA Pursuing PhD, University of Petroleum & Energy Studies, Dehradun	Plant Layout optimization for Boiler & Turbine House & Balance of Plant (BOP) Systems for Thermal Power Plants
Ram Mohan Sharma	Industry Fellow	B.Tech in Electrical Engineering Pursuing M.Tech in Electrical Engineering	Power plant Maintenance, Testing & Instrumentation
Narendra Balkishan Soni	Associate Professor	B.E M.E in Power System Engineering Pursuing Ph.D	Electrical Power System, Renewal Energy, Energy Management & Conservation, Electromagnetic Fields
Dr. Devender Kumar Saini	Assistant Professor Selection Grade	B.E. in Electrical Engineering, LIET, Alwar, University of Rajasthan M.Tech in Electrical Engineering, Indian Institute of Technology, Roorkee Ph.D, Indian Institute of Technology, Roorkee	Circuit Theory, Control Systems, Robust Control, Electrical Machines, System Optimization
Madhu Sharma	Assistant Professor Selection Grade	Diploma in Electrical Engg B.E. in Electrical Engg Certificate in Computing M. Tech in Power System Pursuing Ph.D	Electrical Engineering
Vineet Mediratta	Assistant Professor Selection Grade	BE in Electrical Engg M. Tech in Electrical (Control & Instrumentation) Pursuing Ph.D	Electrical Engineering
Dhruv Sharma	Assistant Professor Senior Scale	B.Tech, UP Technical University M.S., New York University	Power System Analysis & Stability, Power System Reliability
Kaduvettykunnal Sadanandan Sajjan	Assistant Professor - Senior Scale	B.Tech, M.P. Christian College of Engineering & Technology, Bhilai M.Tech, IIT Roorkee Pursuing Ph.D, IIT Roorkee	Control System, Power System, Circuit Theory, System Engineering & System Optimization

Praveen Kumar Ghodke	Assistant Professor - Senior Scale	B.Tech in Chemical Engineering, Osmania University College of Technology, Hyderabad M.Tech in Energy Engineering, NIT, Tiruchirappalli Pursuing Ph.D, IIT Bombay	Reactive distillation columns, Characterization Techniques, Chemical Reaction Engineering, Biomass and Bio-fuels, Life cycle assessment, Heat and Mass Transfer, Transport phenomena
Shyam Agarwal	Assistant Professor - Senior Scale	B.Tech in Electrical Engineering, Jaipur Engineering College and Research Center, Jaipur M.Tech in Power and Control, Electrical Engineering Department, IIT Kanpur	Electrical Engineering
Isaac R.	Assistant Professor	B Tech in Electrical and Electronics Engineering, JNTU, Hyderabad, Telangana M Tech in Electrical Power Systems, JNTU, Hyderabad, Telangana Pursuing Ph D in Nano Technology on Electrical Applications, UPES, Dehradun, Uttarakhand	Electrical Power Systems, Electrical Power Drives, Electrical Machines, Nano Science – Superhydrophobicity
Ramana Manohar Reddy B	Assistant Professor	B.Tech in Electrical & Electronics Engg, Bapatla Engineering College, Andhra Pradesh M.Tech in Power Electronics & Drives Vellore Institute of Technology Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Electrical Engg
Sami Rehman	Assistant Professor	B.E. in Electrical Engineering, Rajasthan University, Jaipur M.Tech in Energy Systems, University of Petroleum & Energy Studies, Dehradun	Electrical Power & Energy
Sonal Modi	Assistant Professor	B.E. (Hons.) in Electrical & Electronics, RGTU, Bhopal / Malwa Institute of Technology, Indore M.Tech in Energy Management, DAVV, Indore / School of Energy & Environmental studies, Indore	Optical Communication VLSI Computer applications in power systems Advanced communication system
Balaji Venkateswaran V	Assistant Professor	B.Tech/B.E Anna University M.Tech/M.E SRM University (SRMU)	Power Systems
Deepak Kumar	Assistant Professor	B.Tech. in Electronics Engineering from HBTI, Kanpur M.Tech. From IIT, Kanpur	Application of Photo Voltaic (Solar) system and its optimized utilization in the Distributed Generation

Devendra Rawat	Assistant Professor	B.Tech Hindustran College of Science & Technology M.Tech NIT Kurukshetra	Optimal Control design for Nonlinear systems
Monika Yadav	Assistant Professor	B.Tech. in Electrical engineering from Seth Jai Prakash Mukund Lal Institute of Engineering and Technology Radur M.Tech. in Power System Engineering from ISM Dhanbad.	Power system
Neeraj Kumar Sharma	Assistant Professor – SS	B.Tech. in Electrical Engineering from Bharat Institute of Technology, Meerut M.Tech. In Electrical Engineering from, IIT-Kanpur.	Power System State Estimation

**Department Of Electronics & Instrumentation Engineering**

<b>Name</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>
Sushabhan Chowdhury	Associate Professor	B.Tech in ETC, NIT, Silchar M.Tech in Electronic Design & Technology, Tezpur Center University (Gold medalist in M.tech) Pursuing Ph.D  Awarded Outstanding Scientist of the 21st century by Cambridge Biographical Centre	Electronics & Communication
Dr. N. Prashanthi Kumari	Assistant Professor Selection Grade	B. Tech in ECE M. Tech in Digital Systems and Computer Engineering, Ph.D	Electronics & Telecommunications
Ranjan Mishra	Assistant Professor Selection Grade	B.Sc (Honours), The University of Burdwan M. Sc. In Radio Physics, The University of Burdwan M. Tech in ECE, The University of Burdwan Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Satellite communication, Digital communication
Bhanprakash Goswami	Assistant Professor Senior Scale	B. E. in Electronics & Telecommunication Engineering, Institute of Engineering & Technology, DAVV, Indore M. Tech in VLSI, Indian Institute of Technology, Kanpur	Microelectronics, VLSI and Display Technology, Photovoltaic Technology
Deepak Kumar	Assistant Professor Senior Scale	B. Tech in Electronics Engineering, Harcourt Butler Technological Institute, Kanpur M. Tech in Microelectronics, VLSI & Display Technology, IIT Kanpur	VLSI System Design, Analog CMOS Circuit Design, Organic Electronics, Semiconductor device modeling, IC fabricationTechnology, Solar photovoltaic technology, Solid state devices, Spintronics and Quatum transport applications to semiconductor devices

Rajesh Singh	Assistant Professor Senior Scale	B.Tech in Electronics and Communication, Dr. B.R Ambedkar University Agra, India M.Tech. in Digital Communication, Rajiv Gandhi Technical University, Bhopal (Gold medalist in M.tech, 2009) Pursuing Ph.D, University of Petroleum and Energy Studies, Dehradun	Wireless Personal Area Networks, Embedded Technologies, Robotics, Expertise in ZIGBEE Technology
Dr. Adesh Kumar	Assistant Professor Senior Scale	B.Tech in Electronics & Communication Engineering, UPTU Lucknow M.Tech in Embedded Systems Technology, SRM University, Kattankullatur Campus, Chennai Ph.D in Engineering, University of Petroleum and Energy Studies, Dehradun India	Embedded System Design, VLSI Design, FPGA and SoC Design, Wearable Technology, RToS, Microprocessors & Microcontrollers Linear Integrated Circuits
Dr. Mukul Kumar Gupta	Assistant Professor - Senior Scale	B. Tech. in Electronics and Instrumentation Engineering, M.I.T. Moradabad M. Tech. in Control System Engineering, VJTI Mumbai through GATE in 2008 Ph.D, UPES Dehradun	Non Linear Dynamics, Robotics and Automation, Non Linear Control

<p>Tarun Kumar</p>	<p>Assistant Professor - Senior Scale</p>	<p>B.Tech. in Electronics &amp; Telecommunication, The Institution of Electronics and Telecommunication Engineers, New Delhi M.Tech. in Communication Systems &amp; Signal Processing, Jay Pee Institute of Information Technology, Noida Pursuing Ph.D. in Electronics &amp; Communication Engineering, Jay Pee Institute of Information Technology, Noida</p>	<p>Basic Electronics Engineering Network Analysis &amp; Synthesis Electromagnetic Field Theory Antenna and Wave Propagation Microwave Engineering Analog and Digital Communication Digital Signal Processing Signals and Systems Statistical and Adaptive Signal Processing Computational Methods for Electromagnetics Radar Engineering Electromagnetic Field Theory Microwave Engineering Electromagnetic Scattering Metamaterials and Electromagnetic Cloaking Microstrip Antenna</p>
<p>Vivek Kaundal</p>	<p>Assistant Professor Senior Scale</p>	<p>B.Tech in Electronics &amp; Communication Engineering, Punjab Technical University, Jalandhar M. Tech in Digital Communication, Uttarakhand Technical University Pursuing Ph.D, University of Petroleum &amp; Energy Studies, Dehradun</p>	<p>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)</p>

Anita	Assistant Professor	<p>B.Tech in Electronics &amp; Communication Engineering, Guru Jambheshwar University, Hisar M.E. in Electronics &amp; Communication Engineering, UIET, Punjab University, Chandigarh Pursuing Ph.D, University of Petroleum and Energy Studies, Dehradun</p> <p>Patents: 06 a. Wireless Data Acquisition For Agricultural Field Through A Wearable Device b. WPAN based Smart Remote Control for Heater c. Wireless controlled Power Extension Board d. Method and Device for Smart Projector Screen e. Method and apparatus to adjust Dish positioning system with RF remote f. An electronic system for fan cum exhaust fan</p>	Wireless Sensor Networks, Digital Electronics
Arpit Jain	Assistant Professor	<p>B.E. M.E in Electronics Instrumentation &amp; Control Pursuing Ph.D, University of Petroleum &amp; Energy Studies, Dehradun</p>	Electronics & Instrumentation
B. Khaleelu Rehman	Assistant Professor	<p>B. Tech in Electronics &amp; Communication Engg M.Tech in VLSI Pursuing Ph.D, University of Petroleum &amp; Energy Studies, Dehradun</p>	VLSI Design Data Communication Systems T.V Engineering Digital Logic Design Digital Signal Processing Electromagnetic Waves & Transmission Lines
Md. Salauddin	Assistant Professor	<p>B.Tech, Sree Kavitha Engineering College, Khammam Dist, Telangana M.Tech, Sree Kavitha Engineering College, Khammam Dist, Telangana Pursuing Ph.D, University of Petroleum and Energy Studies, Dehradun</p>	VLSI Design, VLSI Technology and Advanced Digital system Design

Dr. Paawan Sharma	Assistant Professor - Senior Scale	BE in ECE, University of Rajasthan, Govt. Engg. College Bikaner M.Tech. in Communication Systems, SVNIT, Surat Ph.D, Homi Bhabha National Institute, Mumbai, IGCAR, Kalpakkam	Signal Processing, Model based design
Roushan Kumar	Assistant Professor	B.Tech in Electronics Engineering, VTU, Belgaum, Karnataka M.Tech in Automotive Electronics, VIT, Vellore, Tamilnadu Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Automotive Electronics, Vehicle Infotronics, Industrial Automation, Hydraulic and Pneumatic Control using Relay logic/PLC, Measurement and instrumentation, Electronic circuits
Vinay Chowdhary	Assistant Professor	B.Tech in Electronics & Communication, Mahaveer Institute of Science & Technology, JNTUH M.Tech (DECS), Mahaveer Institute of Science & Technology, JNTUH Pursuing Ph.D	Embedded Systems, Signal Processing, Digital Electronics
P. S. Venkateswaran	Research Scientist	B.E in Electronics and Communication M.Tech in Nanoscience and Technology, Anna University Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Nanolithography Techniques Nano Electronics and Sensors Wireless Communication and Networks Signals and Digital Modulation
Amit Kumar Mondal	Doctoral Research Fellow	B.Tech in Electronics & Instrumentation, WBUT M.Tech in Robotics, University of Petroleum & Energy Studies, Dehradun	Electrical, Electronics & Instrumentation
Abhishek	Assistant Professor	B.E, Institute for Technology and Management (ITM) M.E, University of Petroleum and Energy Studies (UPES)	Robotics
Raj Gaurav Mishra	Assistant Professor – SS	B.E, ITM Gwalior MS, Umea University, Sweden Pursuing Ph.D, IIIT Allahabad	Communication

<b>Department Of Civil Engineering</b>			
<b>Name</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>
Dr. Vikas Garg	Professor	B.E in Civil Engg, Amaravati University M.Tech in Water Resource Engg, National Institute of Technology, Kurukshetra, Ph.D in Fluvial Hydraulics, National Institute of Technology, Kurukshetra	Civil Engg
Subhash Chandra Gupta	Senior Associate Professor	B.E. in Civil M. Tech in Stress & Vibration Analysis Pursuing Ph.d	Structural Engineering
Ashish Yadav	Assistant Professor - Senior Scale	B.Tech in Civil Engineering, IIT Delhi M.Tech in Structure Engineering, IIT Delhi	Civil Engineering, Structure Engineering
Gagandeep Singh	Assistant Professor - Senior Scale	B.Tech in Civil Engineering, Dr. B.R. Ambedkar University, NIT Jalandhar M.Tech in Civil Engineering, IIT Bombay	Civil Engineering
Jatin Chugh	Assistant Professor - Senior Scale	B.Tech in Civil Engineering, PEC University of Technology, Chandigarh M.Tech in Civil Engineering, IIT Bombay	Civil Engineering
Mopidevi Vijai Kishore	Assistant Professor Senior Scale	B. Tech, Bapatla Engineering College, Nagarjuna University, Guntur, Andhra Pradesh M.E. Transportation Engineering, SGSITS, Indore, RGPV Bhopal. Madhya Pradesh Pursuing Ph.D in Engineering, UPES, Dehradun. Uttarakhand	Traffic Engineering, Transportation Planning
A.N Shankar	Assistant Professor	B.E in Civil Engg. M. Tech in CADs	FEM, Matrix analysis of framed structures, Optimization Techniques, Composite Structures, STAAD, E-TABS, Stability of Structures, Reliability Analysis of Structures
Geetanjali Rani	Assistant Professor	B.Sc Delhi University M.Sc T.E.R.I University Pursuing Ph.D, IIT Delhi	Urban and Regional Planning

Ankur Chowdhury	Assistant Professor	Bachelors of Architecture, Govt. College of Architecture, UPTU University, Lucknow Masters in Planning (Industrial Area Planning & Management), Faculty of Planning & Public Policy, CEPT University, Ahmedabad	Urban Design, Theory of Settlements, Environmental Design
Durga Prasad Pandey	Assistant Professor	B.Tech in Civil Engineering, KNIT Sultanpur M.Tech in ater Resources Engineering, IIT Delhi	Hydrologic Processes & Modelling, Optimisation Techniques in Water Resources, Advanced Hydraulics, Groundwater Hydrology, Surface Water Quality Modelling & Control, Finite Elements in Water Resource, Ground Water Flow and Pollution Modelling, Hydroelectric Engg., Geographic Information Systems, Stochastic Hydrology, Environmental Risk Assessment, Simulation Laboratory, Water Resource Systems
Malini Pandey	Assistant Professor	B.Tech in Civil Engineering, G. B. Pant Engineering College, Pauri M.Tech in Soil Mechanics & Foundation Engineering, G.B.P.U.A.&T, Pantnagar	Geotechnical Engineering, Highway Engineering
Susanta Kumar Sethy	Assistant Professor	B.Tech in Civil Engg. M.Tech in Structural Engg.	Finite Element Method, RCC Design, Concrete Technology, theory of Structures, Building Materials

**Department Of Health, Safety & Environment**

<b>Name</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>
Dr Nihal Anwar Siddiqui	Associate Professor	M.S. Environnemental Science Ph.D in Environnent	Health, Safety & Environment
Bikarama Prasad Yadav	Industry Fellow (Assistant Professor - Selection Grade)	B.Tech in Safety & Fire Engineering, Cochin University of Science & Technology, Kochi MBA in Safety & Environment Management, National Institute of Management, Mumbai M.Tech in HSE, University of Petroleum & Energy Studies, Dehradun Pursuing Ph.D in Engineering/Health Safety & Environment, University of Petroleum & Energy Studies, Dehradun	Safety Management System, Risk Assessment, Hazard Evaluation Techniques, Disaster Management, Safety Audit, Legal Aspect of Safety & Environment, Fire Protection Systems, Fluid Power Safety & Accident Investigation Analysis
Dr. Syed Mohammad Tauseef	Assistant Professor - Selection Grade	B.S. in Chemical Engineering (Petrochemical), Shiraz University, Shiraz, Iran M.S. in Chemical Engineering (Process Design), Sharif University of Technology, Tehran, Iran Ph.D. in 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
Dr . Kanchan Deoli Bahukhandi	Assistant Professor - Senior Scale	B.Sc. in Water Resource Management & Environmental Science, D.A.V. (PG College), Dehradun M.Sc. in Environmental Science, H.N.B. Garhwal University, Srinager, Garhwal Post Graduate Diploma in HSE, NIFS Ph.D in Hydrochemistry, University of Petroleum and Energy Studies and research work carried out at "Wadia Institute of Himalayan, Geology, Dehradun"	Water Pollution, Solid Waste Management, Environmental Impact Assessment, Industrial Safety and Occupational Safety
Prasenjit Mondal	Assistant Professor - Senior Scale	B.Tech in Agricultural Engineering, Bidhan Chandra Krishi Vishwa Vidyalaya M.Tech in Environmental Science & Engineering, Indian Institute of Technology, Bombay	Industrial Wastewater Management & Reuse, Design of Water & Wastewater System, Environmental Systems Modelling, Municipal Solid & Biomedical Waste Management, Principles of Geographic Information Systems, Environmental Management

Dr. Vadrevu Sujatha	Assistant Professor - Senior Scale	B. Sc, BZC MA in Anthropology M. Ed PGDFE Ph.D in Environmental Engineering Education	Environmental Engineering
Dharani Kumar K	Assistant Professor	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)
Madhuben Sharma	Assistant Professor	M.Sc. In Environmental Science Gurukul Kangri University Haridwar, Qualified U.G.C. NET Pursuing Ph.D in Water Quality Modelling, Teri University, New Delhi	Environmental Sciences
Soumadeep Baksi	Assistant Professor	B.Tech in Civil Engineering, West Bengal University of Technology M.Tech in Disaster Management (HSE), University of Petroleum & Energy Studies, Dehradun NEBOSH, Akbar HSE & Training Services	Disaster Management
Venkata Krishnakanth .V	Assistant Professor	B.Tech M.Tech	Fire Engineering, Electrical Safety Engg.
Abhishek Nandan	Lecturer	B.Tech. in Biotechnology, PRIST University Thanjavur, Tamil Nadu M.Tech. in Environment Engg & Management, Pondicherry (Central) University	Environmental Impact Assessment & Risk Assessment, Environmental Biotechnology, , Air Pollution, Process Safety, Waste Water Treatment, Transportation and Solid Waste Management, Computational Fluid Dynamics, Immobilization& Blotting Techniques, Bioprocess

**Department Of Aerospace Engineering**

<b>Name</b>	<b>Designation</b>	<b>Qualification</b>	<b>Specialization</b>
Dr. Ugur Guven	Professor	B.Sc in Aerospace Engg, Istanbul Technical University, M.Sc in Nuclear Science & Technology, Istanbul Technical University, Ph.D in Aerospace Engg, Capitol University (USA)	CFD & Aerodynamics
Dr. Om Prakash	Associate Professor	B. E. in Aeronautical Engineering, M.Tech in Aerospace Engineering, IIT- Kanpur Ph.D in Aerospace Engineering, IIT- Bombay	Flight Mechanics (Aircrafts, Rockets/Missiles, and Parafoil/Parachute System), Nonlinear Dynamics & Control, Bifurcation Methods, Flight Parameter Estimation
Dr. Raj Kishore Tripathi	Associate Professor	Graduation, The Institution of Engineers (India), Kolkata M Tech, Motilal Nehru National Institute of Technology Allahabad Ph.D, University of Petroleum and Energy Studies Dehradun	Fluid Mechanics, IC Engines, Alternate Energy Sources, Design of Turbo-machines
Sudhir Joshi	Assistant Professor Selection Grade	B.E. in Aeronautical Engineering M.E in Aerospace, BITS, Mesra Pursuing Ph.D	Aerospace Engineering, Aerodynamics
Vijay Kumar Patidar	Assistant Professor Senior Scale	M. Tech., AMEAS Pursuing Ph.D	Aerospace Engineering
A. J. Arun Jeya Prakash	Assistant Professor	B.E in Electronics & Instrumentation M.E in Avionics Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Control Systems Digital Avionics & EMI/EMC Flight Instrumentation & Data Aquisition Aerospace Guidance and control Digital Fly By Wire Control Rocketry & Space Mechanics UAV System Design
M. Raja	Assistant Professor	B.E in EEE, Panimalar Engineering College, Anna University M.E. in Avionics, Madras Institute of Technology, Anna University Pursuing Ph.D., University of Petroleum & Energy Studies Diploma in DEEE, TSHP, DOTE	Automatic control systems, Navigation Systems, Digital Avionics Data buses Integration
Dr. Rajesh Yadav	Assistant Professor	B.E. in Aeronautical Engg, The Aeronautical Society of India, Ph.D in Aerospace Engg, University of Petroleum and Energy Studies, Dehradun	Hypersonic Flows, Aerodynamic Heating, Aerothermodynamics, Aerothermochemistry, Computational Fluid Dynamics, Compressible Flows, Unsteady Aerodynamics, Numerical Simulations

Sudhir Kumar Chaturvedi	Assistant Professor	B.E. in Aeronautical Engineering, The Aeronautical Society of India, New Delhi M.S. in Research: Ocean Engineering, IIT Madras, Chennai Pursuing Ph.D, UPES, Dehradun	Aeronautical Engineering, Avionics & Control, RADAR Image processing, Remote Sensing
Vindhya Devalla	Assistant Professor	B.Tech in Electronics and Instrumentation Engineering, CVR College of Engineering, JNTU M.Tech in Robotics Engineering, University of Petroleum and Energy Studies, Dehradun Pursuing Ph.D, University of Petroleum and Energy Studies, Dehradun	Embedded systems and robotics
Aslesha Bodavula	Doctoral Research Fellow	B.Tech, Jawaharlal Nehru Technological University (JNTU) M.Tech, University of Petroleum and Energy Studies (UPES)	Aeronautical Engineering & CFD
Zozimus Dinesh Labana	Assistant Professor – SS	Bachelor degree in Aerodynamics Engineering from Aeronautical Society of India Master of Science in Aerospace Engineering from University of Manchester U.K.	Aerodynamics , CFD, Transition and Turbulence

### Department Of Nuclear Science & Technology

Name	Designation	Qualification	Specialization
Dr. Shivaramu	Distinguished Professor	B.Sc., Government College for Boys Mandya, University of Mysore M.Sc. in Nuclear Physics, Department of Postgraduate Studies & Research in Physics, University of Mysore Ph.D.in 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
Dr Prashant Shambhudayal Rawat	Associate Professor	B.Sc in Physics M.Sc in Physics Ph.D in Science	Experimental Atomic, Molecular & Optical Physics
Dr. Velidi Vss Gurunadh	Assistant Professor - Senior Scale	B.Tech in Mechanical Engineering, Pondicherry University M.Tech in Energy Systems, University of Petroleum & Energy Studies, Dehradun Ph.D in Aerospace Engineering, University of Petroleum & Energy Studies, Dehradun	Fluid Dynamics, Multiphase flows, Computational methods for fluid Dynamics, Nuclear Space Propulsion

### School Of Design

Name	Designation	Qualification	Specialization
Soumyajit Ghosal	Professor	B.Sc University of Calcutta M.Sc University of Calcutta Ph.D University of Calcutta	
Piyush Goghari	Design Fellow	Professional Education Programme in Product Design from National Institute of Design, Ahmedabad	Fractal geometry, anthropology in design, design methodology, traditional designs
Manas Ranjan Mishra	Associate Design Fellow	B.E. in Electrical Engineering, Utkal University, Orissa Master of Designing in Industrial Design, IIT Delhi	Product Design, Industrial design, Ergonomics, Need Analysis, HCI, Form and Semantics, Creativity and Innovation, Process Driven Design
Rakesh Sah	Associate Design Fellow	Bachelor of Fine Arts in Pottery & Ceramic Design, Banaras Hindu University, Varanasi Post Graduate Diploma in Industrial Design (Ceramics & Glass Design), National Institute of Design, Ahmedabad M.Sc in International Business & Management for Design, The University of Salford, Manchester, UK	Design management, Design and emotion, System Design, Aesthetics , form and function. Nature and form, Ceramics and Glass, Craft, Material, Drawing, pottery, Branding and marketing, Project management and Research methodology

Harish C. B	Assistant Professor Senior Scale	B.Tech, College of Engineering, Chengannur/ Cochin University of Science & Technology Masters of Design, Industrial Design Center / IIT Bombay	Industrial Design, Human centric design, Transportation Design, Sketching and Rendering, Digital sculpting, Renewable energy
Jagpreet Singh Saini	Assistant Professor Senior Scale	B.Tech in Mechanical Engineering, Chandigarh Engineering College, Mohali Post-Diploma in Transportation Design, Istituto Europeo Di Design, Turin Italy	Mechanical Engineering
Niren Murlidhar Parsai	Assistant Professor Senior Scale	B.E in Mechanical Engineering, Sardar Patel University Post-Graduate Diploma in Product Design, National Institute of Design, Ahmedabad Human Factors International Certified Usability Analyst	Industrial Design
Ruksa Jameel	Lecturer	B.Tech in Mechanical Engineering, Acharya Nagarjuna University, Andhra Pradesh M.Tech in CAD CAM (Design) Engineering, Acharya Nagarjuna University, Andhra Pradesh	Design Engineering

## COLLEGE OF MANAGEMENT & ECONOMICS STUDIES

### DEPARTMENT OF STRATEGIC MANAGEMENT

Name	Designation	Qualification	Area of Specilization
DR. SUBIR RANJAN DAS	Senior Professor	<i>B.E. in Chemical Engineering, Jadavpur University, India PGDM in Marketing, Institute of Modern Management, Vishwa Bharati University, India PhD in Engineering, Jadavpur University, India</i>	Marketing, Competitive Intelligence, Strategic Intelligence, Corporate Skills
DR.TARUN DHINGRA	Associate Professor	<i>B.Sc in PCM, MJP Rohilkhand University, Bareilly MBA, MJP Rohilkhand University, Bareilly NET in Management Ph.D in strategic management as ICSSR Doctoral Fellow, MNNIT, Allahabad</i>	Energy Policy, Indian power sector, Renewable energy (Wind power), low cost carriers(LCC), Business strategy & Functional strategy formulation and practices in energy, infrastructure and transportation companies, Port efficiency

AKHIL DAMODARAN	Assistant Professor Senior Scale	B.E in Electronics and Instrumentation, Rajiv Gandhi Technical University Master in Business Administration (focus: Technology management , Specialization : Strategy and Finance), Indian Institute Of Technology, Delhi Pursuing Diploma in Competition Policy and Law, CIRC Pursuing Ph.D	Strategic Management , Public private partnership , financial Inclusion
DR. RAJESH TRIPATHI	Assistant Professor	B.A., University of Allahabad (Central University) MBA in Marketing, MGKV (State University), Varanasi M.A. in English, University of Allahabad (Central University) PG JMC, IGNOU, New Delhi Certificate in Intellectual Property Rights, WIPO, Geneva PhD in Strategic Management, MNNIT, Allahabad NET in Management, University Grant Commission, New Delhi	Strategic Management, IPR, International Business Strategy, Entrepreneurship, Journalism and Mass Communication, Retail Management, Corporate Governance

### DEPARTMENT OF ECONOMICS & INTERNATIONAL BUSINESS

Name	Designation	Qualification	Area of Specilization
DR. ANSHUMAN GUPTA	Professor	B.Com (Hons.), Meerut University M.A. in Economics, Meerut University M.Phil in International Trade , Jawaharlal Nehru University Ph.D in International Trade, Jawaharlal Nehru University	International Trade , Regional Trading Blocs, WTO issues, Macroeconomics, Business economics, etc.
DR. V. J. BYRA REDDY	Professor	B.A. in Economics, Psychology, Sociology, National College, Jayanagar, Bangalore M.A. in Industrial Economics & Labor Economics, Bangalore University Ph.D (Spatial Inequalities & Third Setor in India), Department of Business Administration, Mangalore University	Managerial Economics, Advanced Micro Economics, International Business, Research Methods and Public policy

DR. PRASOOM DWIVEDI	Senior Associate Professor	B.Com, University of Lucknow, Lucknow, Uttar Pradesh M.Com in Applied Economics, University of Lucknow, Lucknow, Uttar Pradesh Ph.D., University of Lucknow, Lucknow, Uttar Pradesh MDP, Indian Institute of Management, Ahmedabad	Energy Economics
DR. R. JAYARAJ	Associate Professor	B.A., The American College, Madurai Kamaraj University M.A. in Economics, Thiyagaraja College of Arts of Science, Madurai Kamaraj University Ph.D in Economics, Madras University	Macroeconomics, International Trade & Finance, Econometrics
VIMAL PRASAD MATHUR	Industry Fellow	B.Com, Shriram College of Commerce, Delhi University MBA, Institute of Management Technology, Ghaziabad Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	International Business, Entrepreneurship
DR. HIRANMOY ROY	Assistant Professor Selection Grade	B.A., Cachar College, Silchar, Assam M.A., Assam University (Central), Silchar, Assam Ph.D., Assam University (Central), Silchar, Assam	Managerial Economics, International Business, Power Sector Economics, Development Economics
DR. RAJEEV SHARMA	Assistant Professor Selection Grade	B.A. in Economics (Hons.), Panjab University, Chandigarh M.A. in Economics, Dept. of Economics, Panjab University, Chandigarh Ph. D. in Economics - "Market Structure and Technological Progress: A Study of Indian Corporate Manufacturing Sector in India", Panjab University, Chandigarh, India	Micro economics, Industrial Economics, SMEs and Cluster Development
DR. NARENDRA NATH DALEI	Assistant Professor Senior Scale	B.A. (Hons.) in Economics, SCS College, Utkal University M.A. in Economics, Ravenshaw College, Utkal University CIC in Computer Application, IGNOU Ph.D in Environmental & Ecological Economics, Department of Business Economics, University of	Econometrics Modeling, Ecological and Environmental Economics, Energy Economics, Trade and Environment, Infrastructure Development

		Delhi	
DR. BHARTENDU CHATURVEDI	Assistant Professor	B.A. in Economics, University of Allahabad M.A. in Economics, BHU, Varanasi Ph.D. in Economics, BHU, Varanasi	Micro Economics, Business Economics, Business Economics
DR. NIYATI BHANJA	Assistant Professor	B.A. in Economics (Hons.), Ravenshaw University, Cuttak M.A. in Economics (Hons.), Ravenshaw University, Cuttak M.Phil in Economics, Pondicherry University PG Diploma in Planning & Evaluation, Pondicherry University Ph.D in Economics, Pondicherry University UGC-NET in Economics	Open-economy Macroeconomics, International Trade & Finance, Macroeconomics
PRAVIN GANGADHAR JADHAV	Assistant Professor	B.A. in Economics, Pune University M.A. in Economics, Pune University Pursuing Ph.D, Indian Institute of Foreign Trade, New Delhi	International Business
UPANANDA PANI	Assistant Professor	B.A. in Economics-Hons M.A. in Economics M.Phil in Economics Pursuing Ph.D	Business Economics I, Business Economics II, Business Statistics Research Methodology & Report Writing, Economics & Management Decisions, Econometrics, Energy Derivatives & Risk Management
K. DEEPPA	Senior Lecturer	B.Sc in Economics M.Sc in Economics M. Phil in Economics	International Economics, Foreign Direct Investment, Outward Foreign Direct Investment and Econometrics
ANUKRITI SHARMA	Doctoral Research Fellow	B.A. (Honours) Economics, I.P. College, University of Delhi M.Sc. Applied Economics (Environmental Economics), Madras School of Economics, Chennai & IGNOU Delhi	Environmental Economics

## DEPARTMENT OF POWER & INFRASTRUCTURE

Name	Designation	Qualification	Area of Specilization
DR. ANIL KUMAR	Professor	<i>B.Sc. In Electrical Engineering M. Tech in Energy &amp; Environment, IIT, Delhi MBA in Operations Management PGD in Personnel Management M.B.A. in Finance Certified National Energy Auditor &amp; Manager ,PhD</i>	Power Engineering & Management, Strategic Management, Engineering Economics, Hydropower Management, Rural Energy and Distribution Management.
MOHAMMAD YAQOOT	Assistant Professor Selection Grade	<i>B.E. in Mechanical Engg. M.Tech in Energy Studies Pursuing Ph.D</i>	Renewables, Energy Policy and Planning, Power Generation
AVISHEK GHOSAL	Doctoral Research Fellow	<i>B.Tech, West Bengal Univeristy of Technology PGDC in Thermal Power Plant Engineering, National Power Training Institute MBA in Infrastructure Management, University of Petroleum &amp; Energy Studies Pursuing Ph.D, University of Petroleum &amp; Energy Studies, Dehradun</i>	Urban Economics, Smart City, Power Generation, Regulatory Economics
CHANDRA PRAKASH SHARMA	Industry Fellow	<i>B.Sc, H.B.T.I, Kanpur M.Tech/M.E, Indian Institute of Science (IIS), Bangalore</i>	Power Distribution, Power Transmission, Power Regulation, Energy Trading, Energy Audit & Management

### DEPARTMENT OF OIL & GAS

Name	Designation	Qualification	Area of Specilization
DR. SHAILENDRA KUMAR POKHRIYAL	Professor	<i>B.Sc. (H) Chemistry , Delhi University M.Sc. In Oil &amp; Gas Technology, Bourgas, Bulgaria MBA in Marketing Ph.D. in Chemistry</i>	Oil & Gas Business , Refinery Business ,Natural Gas Business

DR. GEO JOS FERNANDEZ	Assistant Professor - Senior Scale	B.Sc in Petrochemicals, Mahatma Gandhi University MBA in Upstream Asset Management – E&P Mgmt, College of Management & Economic Studies, UPES, Dehradun Doctorate in Petroleum Management, College of Management and Economic Studies, University of Petroleum & Energy Studies, Dehradun	Upstream Sector, Energy Economics, Upstream Contracts
ATUL RAWAT	Assistant Professor - SS	B.Sc, Hemwati Nandan Bahuguna Garhwal University MBA, UPES	Oil and gas markets and trends, M&A, Upstream, Midstream, Competitive analysis
PANKAJ MOHAN PRASAD	Assistant Professor	B.Sc. in 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, University of Petroleum & Energy Studies	Chemical Engineering-Petroleum Refining, Marketing, International Trade, Oil and Gas
SONAL GUPTA	Assistant Professor	Bachelors in Commerce, GRD Girls Degree College MBA in Energy Trading, University of Petroleum and Energy Studies Pursuing Ph.D in Power, University of Petroleum and Energy studies, Dehradun	Energy Value chain- Oil, gas and power, Energy Derivatives & Risk Management
ANJALI BANSAL	Lecturer	B.A. (H) in Economics, University of Delhi, Delhi M.A. in Economics, Banaras Hindu University Varanasi	Economics

### DEPARTMENT OF FINANCE

Name	Designation	Qualification	Area of Specilization
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DR. ASHISH TRIPATHI	Associate Professor	<i>B.E. Hons. in Mechanical Engineering, IIT Roorkee MBA in Finance, Jamnalal Bajaj Institute of Management Studies, University of Bombay Ph.D in Management, Barkatullah University Bhopal</i>	Enterprise Wide Risk Management, Spirituality and Management, e-Finance
DR. SUMEET GUPTA	Associate Professor	<i>B.Com, Maharshi Dayanand University M .F.C - Master of Finance and Control, Maharshi Dayanand University Ph.D, APS University Chartered Business Administrator – CBA, Canada Fellow Financial Planner, Masters in Financial Planner, U.K Fellow Financial Consultants, Masters in Financial Consultants, U.S.A CPFA, Institute of Forensic Accountants, USA NSE Certification in Financial Markets (NCFM)</i>	Financing of Power /Energy Sector Projects, Management of Foreign Exchange, Strategic Financial Management, Corporate Valuation, International Finance and Trade, Investment Analysis and Management, Forensic Accounting and Fraud Verification, Project Finance & Management, Advance Financial Management, Security Analysis, Management Accounting, Financial Statement Analysis, Portfolio Management (With Mathematical Approach), International Financial Management, Cost Accounting, Management of Financial Services, Foreign Exchange Management
DR. T. JOJI RAO	Associate Professor	<i>B. Com MBA in Finance Ph.D in Management Sambalpur University</i>	Finance, Accounting, Oil and Gas Accounting, Risk Management, Insurance
DR. ANKUR MITTAL	Assistant Professor Selection Grade	<i>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 &amp; Energy Studies</i>	Petroleum Accounting, Financial Management & Corporate Valuation
DR. VIPUL SHARMA	Assistant Professor Selection Grade	<i>B. Com M.B.A. in Finance &amp; Marketing Ph.D in Finance</i>	Finance
DR. N BHANU PRAKASH	Assistant Professor Senior Scale	<i>B.Com MBA in Finance M.Com Ph.D</i>	Finance and Economics

DR. SHUBENDU VIMAL	Assistant Professor	B.Tech, UPTU M.A in Economics, MJPRU MBA in Finance & Marketing, Amity University Noida Qualified U-SET & NET in Management Ph.D in Management, IFTM University Moradabad	Security Analysis & Portfolio Management, Financial Management, International Finance, Management Accounting, Management of Financial Institutions, Managerial Economics, Research Methodology, Statistics for Managers
DR. VINAY KANDPAL	Assistant Professor	B.Com (Hons.), Calcutta University MBA in Finance & Marketing, Kumaun University, Nainital Ph.D in Management, Kumaun University, Nainital	Financial Accounting, Cost Accounting & Management Accounting, Financial Institutions & Markets, Working Capital Management, Financial Management, Capital Market, Mutual Funds, Financial Inclusion, Banking & Insurance
SWATI GUPTA	Senior Lecturer	B.Com, Delhi University MBA in Finance, Western International University, Arizona Pursuing Ph.D in Management Professional Doctorate, Management, NIT Kurukshetra	Finance Cost Accounting, Business Accounting Business Taxation, Fundamentals of Finance Financial Management, Corporate Finance Financial Analysis

### DEPARTMENT OF TRANSPORTATION

Name	Designation	Qualification	Area of Specilization
PROF. DHARAM PAL SINGH	Industry Fellow	B.Sc. in Physics, Chemistry & Mathematics, Govt. College Mohindergarh, 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 Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Econometrics, Quantitative Management, Airport Plg & Management, Aviation Economics, Airport Economics, Airline Economics, Aviation Forecasting Technique etc.

Mihir Kanti Das	Industry Fellow	B.Sc, Calcutta University MICS, The Institute of Chartered Shipbrokers, UK, Diploma in Industrial Safety, NILEM, Chennai	Port & Shipping
DR. TOTAKURA BANGAR RAJU	Professor	B.E. in Mechanical Engineering, Andhra University PGDBM in International Business, Fortune Institute of International Business, New Delhi Ph.D in Port and shipping Management, University of Petroleum & Energy Studies, Dehradun Pursuing Post-Doctoral degree in LNG Shipping, University of Petroleum and Energy Studies	International Business, Port and shipping, Coal Trading and LNG shipping
DR. AJIT KUMAR NIGAM	Associate Professor	B.A. (Hons) in English LLB in Academic, DU MBA in Marketing, IMT Ghaziabad PhD, University of Petroleum & Energy Studies, Dehradun	Marketing
ABHIJIT SINGH	Assistant Professor Senior Scale	B.Sc. In Marine Engineering, Birla Institute of Technology & Science, Pilani MBA in Maritime Management, University of Greenwich, London Pursuing PGD in Maritime Law, Lloyds Maritime Academy, UK Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Ship Operations, Brokering & Chartering, Marine Insurance & Law, Port & Terminal Management, International Maritime Transport, Maritime Economics, Marketing of Shipping Services
MANISH YADAV	Assistant Professor	B.Sc. MBA in Aviation Management Pursuing Ph.D in Aviation Management	Aviation Management

### Department Of Human Resource

Name	Designation	Qualification	Area of Specilization
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Dr. Raju Ganesh Sunder	Professor	B.E. (MET), Vivesvarayaa Regional College of Engineering, Nagpur MBA, Department of Business Management, Rashtriya Sant Tukdoji Maharaj Nagpur University Ph.D, Rashtriya Sant Tukdoji Maharaj Nagpur University	Organizational Behavior and Human Resource Management with special interest in Training and Skill Development
Maj. Gen (Dr.) S.P.S Narang	Distinguished Professor cum Director	M.Sc. In Defence Studies M.Phil in International System & Conflict Resolution Ph.D in Social Sciences	HRM, Organizational Behaviour, Business Communication & Negotiations
Dr. Nikhil Kulshrestha	Associate Professor	M.A. in Sociology, CCS University, Meerut PGDBM in HRD & OB Ph.D in Management, Dr. B.R. Ambedakar University, Agra	Business Communication, Managerial Skills Development, Professional Communication, Management Principles & Organization Behavior, HRM, Industrial Psychology and Training & Development.
Neeraj Kataria	Assistant Professor Selection Grade	B.Sc. in Computer Science, JK Institute of Applied Physics, University of Allahabad MMS, MNIT (formerly MNREC) Allahabad Pursuing Ph.D UGC-NET in HRM/Labor Legislations	Human Resource Management, Organizational Behaviour, Labor Legislations, IR, Corporate & Business Laws
Dr. P. C. Bahuguna	Assistant Professor Selection Grade	B. Sc. MA in Economics PGDM in HRM Ph.D, Gurukula Kangri Vishwavidyalaya, Haridwar	HRM & Managerial Economics
Dr. Ruchi Tyagi	Assistant Professor Selection Grade	B.Sc (BCZ), Meerut College, C.C.S. University Diploma in Computer Applications, APTECH Namrup, Assam Diploma in Labour Laws, National Institute of Labour Ed. & Mgmt. Chennai Masters in Business Administration in HRM & Marketing, N.M.C, U.P. Technical University, Lucknow Masters in Journalism and Mass Communication, Department of Journalism & Mass Communication, C.C.S University, Meerut Ph.D in Management, U.P. Technical University, Lucknow	Corporate Social Responsibility, Public Relation, Human Resource Management and Marketing, Labour Laws

Dr. Sheetal Khanka	Assistant Professor Selection Grade	B.A., MKP, Dehradun MBA in HRM, IMS Dehradun PhD in Knowledge Management, Gurukul Kangri University	Communication, Human Resource Development, Knowledge Management
Dr. Tanushree Sharma	Assistant Professor Selection Grade	B.Sc. PGDBM in Personnel Management LL.B in Labour Laws M.A. in Organizational Psychology Ph.D, University of Petroleum & Energy Studies, Dehradun	Human Resource Management, Organizational Behaviour
Dr. A. Lakshmana Rao	Assistant Professor- SS	B.Com, MR Autonomous College, Vizianagaram B.L., MR Law College, Vizianagaram MBA, Andhra University LL.M, MG University Ph.D in Management, Andhra University	Human Resource Management Organizational Behaviour Corporate Governance

### DEPARTMENT OF LOGISTICS & SUPPLY CHAIN MANAGEMENT

Name	Designation	Qualification	Area of Specilization
Dr. Neeraj Anand	Professor	B.E. in Civil Engg. MBA in Marketing Ph.D in Management	Quantitative Techniques & Research/ Production & Operations Mgt.
Loveraj Takru	Industry Fellow	B.Tech in Chemical Engineering, IIT Kanpur PGDM, IIM Calcutta Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Chemical Engg. Finance, Operations Research Supply Chain Management
Rama Krishna Mandan	Adjunct Professor	Graduation, IIT Kharagpur Post-graduation, IIM Kolkata Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Project Management, Operations Management
Kaushik Paul	Industry Fellow	B.E. in Construction Management, Jadavpur University, Kolkata PGDM, Indian Institute of Management Bangalore Pursuing Ph.D in Management, Banasthali University, Rajasthan	Operations Management, Infrastructure Management, Statistics, Operations Research

Balaram Swamy Jutta	Industry Fellow	<i>B.Tech in Electrical Engineering, IIT Kharagpur PGDM in Marketing and Materials Management, IIM Kolkata UGC-NET Qualified</i>	Logistics & Supply Chain Management, Logistics & Supply Chain strategy, Stores Management, Designing Managing Logistics & Supply Chain, Material Handling & Distribution Network, Road & Rail Transport Management, Sea & Air Transport Management, Retail Strategy, Management of Technology, Marketing Management
Dr. Biranchi Prasad Panda	Associate Professor	<i>B.E. in Production Engineering, Shivaji University MBA in Operations Management, IGNOU Ph.D. in Technology Management, KIIT University</i>	Operations Management, Materials Management, World Class Manufacturing, Technology Management, Technology for Design & Manufacturing Process, Product Lifecycle Management, Design in Business
Dr. Saurabh Tiwari	Assistant Professor Senior Scale	<i>B.Tech. in Electronics &amp; Communication, U.P. Technical University, Lucknow Master of Management Studies, Motilal Nehru National Institute of Technology, Allahabad Ph.D, Sam Higginbottom Institute of Agriculture, Technology &amp; Sciences, Allahabad (Formely Allahabad Agriculture Institute)</i>	Logistics & Supply Chain, Lean Manufacturing, Supplier Relationship Management
Aman Dua	Assistant Professor	<i>B.E. in ECE, G.B. P. E College Pauri, Garwhal PGDIE, NITIE Mumbai Pursuing PhD, Indian institute of Foreign Trade, New Delhi</i>	Quality and Multimodal transportation

### DEPARTMENT OF QT, RM & OPERATION!

Name	Designation	Qualification	Area of Specilization
Dr. Krishan Kumar Pandey	Senior Associate Professor	<i>B.Sc. in Physics, Mathematics &amp; Statistics, Jai Narain Vyas University Jodhpur, Rajasthan MBA in HR, AAIDU M.Sc. in Statistics, Jai Narain Vyas University, Jodhpur, Rajasthan Ph.D. in Statistics, Department of Mathematics &amp; Statistics, Jai Narain Vyas University, Jodhpur Rajasthan</i>	Sample Survey, Small Area Estimation, Statistical Inference Process optimization through Statistical / Economic modeling for Energy crops. LCA and EIA for energy crops Market Research

Dr. Binod Kumar Singh	Assistant Professor - Senior Scale	B.Sc. in Statistics, Patna University M.Sc. In Statistics with Specialization in OR, Science College, Patna University D.I.T., RSCM Ph.D. in Statistics, Banaras Hindu University (BHU)	Statistics, Operation Research, Quantitative Methods, Research Methodology & Marketing Research
Dr. Ratna Banerjee	Assistant Professor Senior Scale	B.Sc., Harish Chandra Degree College affiliated with Gorakhpur University, Varanasi M.Sc., Harish Chandra Degree College affiliated with Gorakhpur University, Varanasi Ph.D, Rajasthan University, Jaipur Post-Doctoral Research has been continuing at UPES	Special and General Theory of Relativity and Cosmology, Different types of on Modelling also some Management related topics like Logistics and Supply Chain Management, Infrastructure etc.
Vikas Kumar	Assistant Professor Senior Scale	B. Tech in Chemical Engg. MBA in Finance Pursuing Ph.D	Finance & Marketing
Prayas Sharma	Assistant Professor	B.Sc. In Statistics & Computer Science, Mahatma Gandhi Kashi Vidyapith, Varanasi M.Sc. In Statistics, Banaras Hindu University, Varanasi	Demand Analysis, Applied Statistics, Exploratory Data Analysis

### DEPARTMENT OF MARKETING MANAGEMENT

Name	Designation	Qualification	Area of Specilization
Dr. Anirban Sengupta	Professor & Dean	B.E. in Electrical Engineering, Jadavpur University MMA in Marketing, NMIMS, Mumbai Ph.D in Management	Reatil Management, Marketing Management
Dr. Atul Razdan	Professor	B.E. in Mech. Engg., BIT, Ranchi MBA in Marketing PhD	Marketing and Operation Management
Karunakar Jha	Professor	B.A, Fergusson College, Pune University MBA/PGDM, IMDR, Pune	Integrated Marketing communication or Advertising & Sales Promotion, Digital Marketing and Social Media, Brand and Product Management, Rural Marketing, E-commerce Marketing

Dr. Arvind Kumar Jain	Associate Professor	B.Sc.in Life Science, Allahabad University LLB., Allahabad University PGDBM in Marketing & HRM, IMS Roorkee Ph.D in Applied Business Economics, Agra University, Agra CIC and Brain Bench Certified Professional	Marketing, Services Marketing, International Business & Marketing, Retail Management, Consumer Behaviour, Branding, Advertising & Sales Management, Channels Management, Contracts
Sunil Barthwal	Assistant Professor Selection Grade	B. Sc. M.A. MBA in Marketing Pursuing Ph.D	Marketing
Dr. Ankur Kumar Rastogi	Assistant Professor	Bachelor of Science, University of Allahabad Post Graduate Diploma in Marketing Management, Annamalai University Master of Marketing Administration, Jiwaji University MBA, Indira Gandhi National Open University PhD in Management, Singhania University	Marketing Management, Sales Management, Distribution Management, Channels Management, Marketing of Services, Consumer Behaviour, Market Research, Industrial Marketing
Anita Sengar	Assistant Professor - SS	B.Tech/B.E Mody University (University of Rajasthan) MBA/PGDM, Maharishi Dayanand University, Rohtak Ph.D, IIT Roorkee	Rural Marketing, Retail Management, CRM

### DEPARTMENT OF DECISION SCIENCES

Name	Designation	Qualification	Area of Specilization
Dr. Deepankar Chakrabarti	Professor	B.Sc, Kanpur University M.Sc, IIT Kharagpur Ph.D, Jamia Milia Islamia (JMI)	Information Systems Management, Knowledge Management, Business Analytics, Spatial Intelligence
Vibhav Prasad Mathur	Assistant Professor Selection Grade	B. Sc. MCA LLB Pursuing Ph.D	Information Technology
Rajeshwari Sharma Deb	Assistant Professor Senior Scale	B.Sc. in Chemicstry (Hons.), Delhi University MBA in Systems, AIMA, GNIIT Microsoft Certified Professional Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	E-Business, Introduction to Information Technology, Software Engineering, Software Project Management, Database Management Systems, Storage Technology

Naveen Chandra Pandey	Assistant Professor	<p><i>B.Tech in Mechanical Engineering, Kamala Nehru Institute of Technology, Sultanpur</i>  <i>MBA in Information Systems Management, University of Petroleum &amp; Energy Studies, Dehradun</i>  <i>Pursuing Ph.D, University of Petroleum &amp; Energy Studies, Dehradun</i></p>	Project Management, IT Applications and MIS
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### COLLEGE OF LEGAL STUDIES

Name	Designation	Qualification	Area of Specilization
Dr. Tabrez Ahmad	Professor & Director	<p>B.Sc (Hons) &amp; LL.B, A.M. University Aligarh            UGC (NET) - Law            DIM (Marketing, IGNOU Delhi            LL.M (Commercial Law) and Ph.D (Cyber Law/IPR), A.M. University Aligarh</p>	Business Law, Intellectual Property Law, Cyber Law, Corporate Law
Sampath Kumar K P	Industry Fellow	<p>B.Tech in Chemical, Osmania University College of Technology, Hyderabad            LLB, Osmania University, Hyderabad            PG Diploma in International Trade, Indian Institute of Foreign Trade, New Delhi            LL.M, University of New Hampshire, Franklin Pierce Law Centre, Concord, New Hampshire USA            Pursuing Ph.D, University of Petroleum and Energy Studies, Dehradun</p>	Intellectual Property, Patent licensing & Prosecution, Energy Laws, Petroleum and Natural Gas, Aviation law, Information Technology law, Cyber laws, Mining laws
Dr. Mamta Rana	Assistant Professor Selection Grade	<p>LL.B., Panjab University, Chandigarh            LL.M., Punjabi University, Patiala            Ph.D., Himachal Pradesh University, Shimla, H.P.            UGC(NET)</p>	Family Law, Criminal Law, Intellectual Property Rights
Anuradha Nayak	Assistant Professor - Senior Scale	<p>B,Sc, LL.B, LL.M (Cyber Law)&amp; Graduate Diploma in International Law(University of Sydney, Australia)</p>	Public International Law, Constitutional Governance, Comparative Constitutional Litigation, IT & Cyber Laws

Dr. Ashish Verma	Assistant Professor - Senior Scale	B.Sc., St. Andrew's College, Gorakhpur, Affiliated to Gorakhpur University LL.B., St. Andrew's College, Gorakhpur, Affiliated to Gorakhpur University LL.M., Gorakhpur University Ph.D, Gorakhpur University	Public International Law, Jurisprudence, Constitutional Law, Law of Evidence, Environmental Law
Dr. Azimkhan B Pathan	Assistant Professor - Senior Scale	B.A., Arts & Commerce College, Ralegaon, Distt. Yavatmal, Maharashtra LL.B, Sant Gadge Baba Amravati University, Amravati LL.M., Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur Ph.D. in International Environmental Law, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur	Internal Environmental Law
Krishna Deo Singh Chauhan	Assistant Professor - Senior Scale	B.A.LL.B (Honours), National Law Institute University, Bhopal LL.M. (Intellectual Property & Technology Law), National University of Singapore Qualified UGC-NET (Law)	Intellectual Property & Technology Law
Sam Babu K.C.	Assistant Professor - Senior Scale	B.A. in Political Science LL.B. M.A. in Political Science UGC-NET	Indian Politics and Government, International Relations and International Law, Comparative Politics & Government, Foreign Policy, Political Theory , Human Rights.
Dr. Saroj Bohra	Assistant Professor Senior Scale	B.A., Kamala Nehru College, J.N.V.U., Jodhpur LLB. (Gold Medalist), Faculty of Law, Jai Narain Vyas University, Jodhpur LLM in Human Rights, Faculty of Law, Jai Narain Vyas University, Jodhpur Ph.D in Law, Faculty of Law, Jai Narain Vyas University, Jodhpur	Family Law Law of Torts Poverty Laws Law of Contract

Shikha Dimri	Assistant Professor - Senior Scale	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 Pursuing Ph.D, Mewar University, Rajasthan	Property Laws Law of Contracts Law of Torts Consumer Protection Laws
Sujith P Surendran	Assistant Professor - Senior Scale	B. Com. in Taxation, Sacred Heart College, Cochin/ Mahatma Gandhi University, Kottayam LL.B. in School of Legal Studies/ Cochin University of Science and Technology (CUSAT), Cochin LL.M. in Business Laws, National Law School of India University (NLSIU), Bangalore Pursuing Ph.D., College of Legal Studies/University of Petroleum and Energy Studies, Dehradun NET Qualified	Law of Taxation, Corporate and Investment Laws
Dr. Vinita Singh Chhetri	Assistant Professor - Senior Scale	UGC NET, UP SLET and JRF qualified M.Phil, Banasthali Vidyapith Rajasthan Ph.D, with JRF, Indian Council of Historical Research, New Delhi	Legal History, International Relations, Oral History
A Aravindan	Assistant Professor	B.A.LL.B.Hons., School of Indian Legal Thought, Mahatma Gandhi University, Kerala LLM in National Law Institute University, Bhopal Qualified UGC-NET in June 2010 Pursuing Ph.D	International Law and Maritime Law
Anubhav Kumar	Assistant Professor	BA.LL.B, New Law College, BharatiVidyapeeth University, Pune LLM, Indian Law Institute, New Delhi Diploma in Intellectual Property Laws, Asian School of Cyber Laws, Pune Diploma in Cyber Law, BVU Diploma in Corporate Law, BVU Diploma in Mergers and Acquisitions, BVU	Criminal Law, Corporate Laws

Charu Srivastava	Assistant Professor	B.A., LL.B. (Hons.), Faculty of Law, University of Allahabad LL.M. (Business Laws), NLSIU	Corporate Law, Family Law
Kavya Salim	Assistant Professor	B.A.LLB (Hons), School of Indian Legal Thought, Mahatma Gandhi University, Kerala LL.M in Human Rights, National Law Institute University [NLIU], Bhopal Pursuing Ph.D	Human Rights Law, Constitutional Law, Criminal Law
Pallavi Arora	Assistant Professor	LL.B, Dr. Ram Manohar Lohiya National Law University, Lucknow LL.M, Maharaja Vinayak Global University, Jaipur Qualified UGC-NET	Corporate Law, Family Law
Pooja Gautam	Assistant Professor	B.A.LL.B (Hons), Dr. Ram Manohar Lohiya National Law University, Lucknow LL.M, Dr. Ram Manohar Lohiya National Law University, Lucknow	IPR, Human Right & Criminal Law
Pushkar Anand	Assistant Professor	B.A.LL.B. (Hons.), Chanakya National Law University, Patna LLM, Faculty of Legal Studies, South Asian University, New Delhi	International Investment Law, International Trade Law, Law of the Sea, International Criminal Law
Dr. Sujata Bali	Assistant Professor	LLB LLM Ph.D in Law	Corporate Law, Governance, International Business Laws
Sandhya Kumari	Assistant Professor	B. A. (Hons.) in Economics, P.T.P.S. College Vinoba Bhave University Hazaribagh, Jharkhand LL.B, Faculty of Law, Campus Law Center, Delhi University Post Graduate Diploma Course in Intellectual Property Rights Law, Indian Law Institute, Delhi LL.M, Faculty of Law, Delhi University, Delhi Pursuing Ph.D, Faculty of Law, Delhi University, Delhi	Law of Contract, Law, Poverty and Development, Legal Method, Labour Law

Ajit Kaushal	Senior Lecturer	B.Com (Hons.) with Accountancy, Patna University LL.B, Camus 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) Pursuing LL.M, Kurukshetra University Pursuing Master in Business Laws (NLSU) Pursuing Ph.D, University of Petroleum & Energy Studies, Dehradun	Oil & Gas Law, Corporate Governance & Company Law
Shruti Reddy	Senior Lecturer	B.A., LLB (Hons.), University College of Law, Karnataka University, Dharwad LLM in Corporate Law & Governance, NALSAR University of Law, Hyderabad Pursuing Ph.D, NALSAR University of Law, Hyderabad	Law of Contract, Property Laws, Banking Law, Law of Torts, Company Law, Jurisprudence
Dr. K B Asthana	Assistant Professor – SS	B.A, Osmania University Hyderabad LLB, Law College Betul MBA, Indira Gandhi National Open University (IGNOU) LLM, Jai Narayan Vyas University Ph.D, Mewar University Chittorgarh	Commercial Law
Dr. Priyanka Sharma Khanduja	Assistant Professor	B.A. from H.N.B Garhwal University M.A. from H.N.B Garhwal University Ph.D. in psychology from H.N.B Garhwal University	Industrial and Organisational Psychology
Shiva Priyamvada	Assistant Professor	LLB, National Law Institute University (NLIU), Bhopal LLM, NALSAR, Hyderabad	Public Law and Legal Theory

## **FINANCIALS**

The audited accounts for the financial year 01 April 2015 to 31st March 2015 are attached herewith.

There has been all around improvement in financial and operating performance during FY 2014-15 as compared to FY 2013-14 including 20% growth in on-campus students, 27% growth in new enrolments, improvement in faculty to non-faculty ratio and improvement of surplus from 8% of revenues in FY 2013-14 to 13% of revenues in FY 2014-15.

The total receipts during FY 2014-15 were Rs.200.62 crores against total expenditure of Rs.174.03 crores leaving a balance of Rs.26.40 crores for transfer to General Fund. The total surplus earned during the fiscal was used to fund the capital expenditure incurred which was Rs.26.11 crores.

Efforts of the management in closely monitoring operating costs resulted in improving the surplus thereby enabling UPES to invest in academic infrastructure including buildings, labs, classroom equipment and repayment of term loans taken from financial institutions. There was significant increase in rentals during FY 2014-15 primarily due to launch of second campus at Kandoli wherein UPES has taken approx. 180k square feet of BuA on long term lease.

Major part of the outstanding bank loan has been repaid and only Rs.5.75 crores is outstanding at year end which has also resulted in decline in interest and bank charges during FY 2014-15

**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 31<sup>st</sup> March 2015, the Statement of Profit and Loss, the Cash Flow Statement 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.

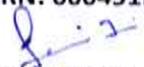
We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

**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, 2015;
- b) in the case of the Income & Expenditure Account, of the excess of income over expenditure for the year ended on that date.
- c) in the case of the Cash flow statement for the period ended on that date;

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



**SAMIR JAIN**  
(Partner)

Membership No. : 77010

Place: New Delhi  
Date: 22/09/2015



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**  
Balance Sheet as at 31st March, 2015

Amount in Rs.

Liabilities	Schedule	31st March 2015		31st March 2014	
<b>CAPITAL FUNDS:</b>	<b>1</b>				
Permanent Endowment Fund		13,350,731		12,892,426	
Development Fund		10,024,315		8,649,398	
General Fund		830,683,209	854,058,254	566,635,366	588,177,190
<b>LOAN FUND:</b>					
Loan from Banks:					
Term Loan		57,522,673	57,522,673	211,612,515	211,612,515
<b>SECURITY DEPOSIT FROM STUDENTS</b>			161,487,400		133,099,602
<b>CURRENT LIABILITIES &amp; PROVISIONS</b>					
Advance Fee Received from Students		122,049,166		72,180,619	
Other Current Liabilities		384,867,156		413,969,590	
TDS & Statutory Liabilities		13,715,207		14,798,008	
Deferred Fee Liability		433,874,234		322,132,705	
Provision for Retirement Benefits		216,932,153	1,171,437,916	178,076,719	1,001,157,640
<b>Total</b>			<b>2,244,506,243</b>		<b>1,934,046,946</b>
<b>ASSETS</b>					
Fixed Assets	<b>2</b>		1,086,206,869		961,994,774
Capital Work-in-Progress			24,795,196		44,400,972
<b>CURRENT ASSETS, LOANS &amp; ADVANCES</b>					
Receivable from Students		1,089,001		467,166	
Accrued Income		43,919,840		29,134,897	
Cash & Bank Balances	<b>3</b>	879,926,760		653,720,099	
Loans & Advances	<b>4</b>	208,568,577	1,133,504,179	244,329,038	927,651,200
<b>Total</b>			<b>2,244,506,243</b>		<b>1,934,046,946</b>

**Schedule 10 Significant Accounting Policies and Schedule to Accounts**

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

(Samir Jain)  
Partner  
Membership No:- 77010

For University of Petroleum & Energy Studies

(Shrihari Honwad)  
Vice-Chancellor

(Sachin Jain)  
Finance Officer

Date :- 22 SEP 2015  
Place:- New Delhi



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**  
Income & Expenditure Account for the year ended on 31st March 2015

		Amount in Rs.	
	Schedule	31st March 2015	31st March 2014
<b>INCOME</b>			
Income from Academics	5	1,961,250,888	1,545,401,844
Interest Income		44,420,793	42,877,305
Other Incomes		589,548	2,376,299
	<b>(A)</b>	<b>2,006,261,230</b>	<b>1,590,655,448</b>
<b>EXPENDITURE</b>			
Staff, Faculty & Other Costs	6	640,405,689	567,370,361
Education Expenses & Student Activities	7	464,677,908	398,979,271
Administrative Expenses	8	173,301,313	160,184,955
Advertising , Publicity & Placement Expenses		213,645,761	173,374,104
Interest & Bank Charges	9	21,510,155	23,910,926
Rent & Hire of Premises		80,463,810	15,031,325
	<b>(B)</b>	<b>1,594,004,636</b>	<b>1,338,850,942</b>
<b>Surplus/(Deficit) before Depreciation</b>	<b>(C)=(A)-(B)</b>	<b>412,256,593</b>	<b>251,804,506</b>
Depreciation on Fixed Assets	2	146,375,528	120,414,815
	<b>(D)</b>	<b>146,375,528</b>	<b>120,414,815</b>
<b>Surplus/(Deficit) after Depreciation</b>	<b>(E)=(C)-(D)</b>	<b>265,881,065</b>	<b>131,389,691</b>
<b>Appropriations:</b>			
-to Endowment Fund (Interest on Fixed Deposit)		458,306	468,307
-to Development Fund (Interest on Fixed Deposit)		1,374,917	1,404,921
	<b>(F)</b>	<b>1,833,222</b>	<b>1,873,228</b>
<b>Surplus/(Deficit) Transferred to General Fund</b>	<b>(G)=(E)-(F)</b>	<b>264,047,843</b>	<b>129,516,463</b>

**Schedule 10 Significant Accounting Policies and Schedule to Accounts**

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

(Samir Jain)  
Partner  
Membership No.: 77010

For University of Petroleum & Energy Studies

(Shruthi Honwad)  
Vice-Chancellor

(Sachin Jain)  
Finance Officer

Date :- 22 SEP 2015  
Place : New Delhi



# University of Petroleum & Energy Studies

## CASH FLOW STATEMENT FOR THE YEAR ENDED 31st MARCH, 2015

In Rupees

	Year ended 31st March 2015	Year ended 31st March 2014
<b>A. CASH FLOW FROM OPERATING ACTIVITIES</b>		
Net profit/(Loss) before tax, prior period items and extra-ordinary items	264,047,843	129,516,463
<b>Adjustment for :-</b>		
Add: Net off Depreciation	136,863,012	120,414,815
Add: Interest expense	23,343,377	25,784,154
Less: Interest Income	- 44,420,793	- 42,877,305
	<b>115,785,597</b>	<b>103,321,663</b>
<b>Operating Profit/(Loss) before Working Capital Changes</b>	<b>379,833,439</b>	<b>232,838,126</b>
<b>Changes in Working Capital:</b>		
Students and other receivables	- 15,406,778	- 19,539,044
Trade payables / Current liabilities	170,280,276	170,160,667
Security Deposits from Students	28,387,798	17,022,098
Loans and Advances	35,760,460	- 110,618,159
	<b>219,021,757</b>	<b>57,025,562</b>
<b>Cash generated from operations</b>	<b>598,855,196</b>	<b>289,863,688</b>
Less: Direct Taxes paid	-	-
<b>Net cash from operating activities - A</b>	<b>598,855,196</b>	<b>289,863,688</b>
<b>B. CASH FLOW FROM INVESTING ACTIVITIES</b>		
Purchase of assets	- 261,075,107	- 259,585,947
Addition to CWIP & Capital advances	19,605,776	- 11,373,946
<b>Net cash used in Investing activities - B</b>	<b>- 241,469,331</b>	<b>- 270,959,892</b>
<b>C. CASH FLOW FROM FINANCING ACTIVITIES</b>		
Interest Expenses	- 21,510,155	- 23,910,926
Interest Incomes	44,420,793	42,877,305
Repayment of long term borrowings	- 154,089,842	93,042,953
<b>Net cash from financing activities - C</b>	<b>- 131,179,204</b>	<b>112,009,333</b>
<b>Net increase / decrease in cash and cash equivalents (A+B+C)</b>	<b>226,206,661</b>	<b>130,913,128</b>
Cash and cash equivalents - opening balance	653,720,099	522,806,970
<b>Cash and cash equivalents - closing balance</b>	<b>879,926,760</b>	<b>653,720,099</b>
Note:		
Cash and cash equivalents consist of balance with banks including FDRs.		



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

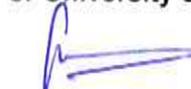
Schedules forming part of accounts

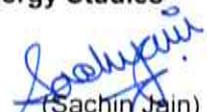
Amount in Rs.

	<u>31st March 2015</u>	<u>31st March 2014</u>
<b><u>SCHEDULE '1' - CAPITAL FUNDS</u></b>		
<b>A. PERMANENT ENDOWMENT FUND</b>		
Opening Balance	12,892,425	12,424,119
Transfer from Income & Expenditure Account	458,306	468,307
Closing Balance	<b>13,350,731</b>	<b>12,892,426</b>
<b>B. DEVELOPMENT FUND</b>		
Opening Balance	8,649,398	7,244,477
Transfer from Income & Expenditure Account	1,374,917	1,404,921
Closing Balance	<b>10,024,315</b>	<b>8,649,398</b>
<b>C. GENERAL FUND</b>		
Opening Balance	566,635,366	437,118,902
Transfer from Income & Expenditure Account	264,047,843	129,516,463
Closing Balance	<b>830,683,209</b>	<b>566,635,366</b>
<b>TOTAL FUNDS (A+B+C)</b>	<b>854,058,254</b>	<b>588,177,190</b>

Date :- **22 SEP 2015**  
Place : New Delhi

For University of Petroleum & Energy Studies

  
(Shrihari Honwad)  
Vice-Chancellor

  
(Sachin Jain)  
Finance Officer



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES  
YEAR ENDED 31ST MARCH 2015**

**Schedule 2 : FIXED ASSETS**

Sl. No.	Fixed Assets	Rate	Gross Value				Depreciation				Impairment		Net Value		
			Opening Balance	Additions during the Year	Deletion during the Year	Assets Sold during the year	Assets Written off during the year	Closing Balance	Opening Balance	for the year	Closing	31st March 2015	31st March 2014		
1	Land / Sports Ground	0.00%	79,410,462	-	-	-	79,410,462	-	-	-	-	-	-	79,410,462	79,410,462
2	Building	10.00%	509,845,850	35,830,595	-	-	1,005,680,435	53,717,007.52	-	-	377,219,973	-	-	628,469,563	556,356,365
3	Classroom Equipments	20.00%	152,897,735	39,366,984	-	-	190,516,065	53,108,139	-	-	74,482,437	4,509,828	-	111,643,760	66,379,785
4	Computer & Software	40.00%	112,522,450	31,255,398	423,232.39	156,992	1,32,457,727	64,457,442	-	877,235	85,145,761	2,737,652	-	44,614,113	35,917,157
5	Furniture & Fixtures	25.00%	130,903,123	43,405,479	5,341,225.85	382,995	1,68,043,386	75,126,103	-	5,584,304	87,554,373	1,900,911	-	78,588,192	53,254,839
6	Office Equipments	13.51%	110,543,712	36,809,715	2,405,103.58	50,003	1,44,863,520	40,139,864	-	1,720,106.12	50,310,973	1,937,564	-	97,634,953	66,463,575
7	Vehicles	25.00%	9,811,820	2,119,629	-	361,594	11,569,355	5,436,198	-	6,745,130	-	-	-	4,824,225	4,374,821
8	Library Books	13.91%	17,255,266	2,329,870	-	-	20,185,136	7,527,651	-	8,995,649	-	-	-	11,189,487	9,727,615
9	Plant & Machinery	13.91%	26,066,844	16,519	-	-	26,103,463	9,387,269	-	11,713,197	-	-	-	14,393,266	16,659,565
10	Leasehold Improvement	-	-	21,522,240	-	-	21,522,240	1,074,120.15	-	1,074,120	-	-	-	20,447,919	-
11	Machinery under R&D Projects	-	28	-	-	-	28	-	-	-	-	-	-	28	28
	<b>TOTAL</b>		<b>1,239,438,510</b>	<b>273,256,918</b>	<b>10,397,174</b>	<b>962,272</b>	<b>1,800,511,517</b>	<b>566,355,551</b>	<b>146,375,528</b>	<b>9,512,516</b>	<b>703,218,563</b>	<b>11,086,185</b>	<b>11,086,185</b>	<b>1,088,206,869</b>	<b>981,384,774</b>
	Previous Year		<b>1,279,850,563</b>	<b>255,605,947</b>	-	-	<b>1,539,456,510</b>	<b>445,640,656</b>	<b>120,414,815</b>	-	<b>568,555,280</b>	<b>11,066,185</b>	<b>11,066,185</b>	<b>961,954,774</b>	<b>872,525,644</b>

For University of Petroleum & Energy Studies  
  
 (Srinani Horwad)  
 Vice-Chancellor



UNIVERSITY OF PETROLEUM & ENERGY STUDIES  
YEAR ENDED 31ST MARCH 2015

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	Deletion during the Year	Closing Balance	Opening Balance	for the year	Closing	31st March 2015	31s March 2014		
1	Land / Sports Ground	0.00%	79,412,462	-	-	79,412,462	-	-	-	-	79,412,462	79,412,462	
2	Building	10.00%	763,255,542	-	-	733,255,942	306,959,742	87,629,672.03	-	-	428,666,590	476,296,200	
3	Classroom Equipments	20.00%	93,364,727	-	-	822,063	48,221,854	8,337,536.52	877,235	-	4,509,828	31,048,959	40,652,945
4	Computer & Software	40.00%	75,969,325	-	-	74,368,703	55,308,238	6,664,214.80	1,350,871	-	2,737,852	7,029,249	13,922,735
5	Furniture & Fixtures	25.83%	107,800,354	-	-	101,476,141	72,015,778	8,241,348.30	5,584,304	-	1,900,911	23,862,708	33,883,665
6	Office Equipments	13.91%	87,658,048	-	-	89,481,140	33,871,213	7,384,378.38	1,720,106	-	1,937,594	43,018,058	51,148,507
7	Vehicles	25.89%	9,811,000	-	-	9,449,426	5,436,188	1,102,843.32	-	-	-	2,889,587	4,374,822
8	Library Books	13.91%	14,332,289	-	-	14,332,289	7,306,206	877,313.13	-	-	-	6,048,765	7,026,083
9	Plant & Machinery	13.91%	23,828,861	-	-	23,922,861	9,246,634	2,042,011.38	-	-	-	12,638,156	14,680,147
10	Leasehold Improvement		-	-	-	-	-	-	-	-	-	-	-
11	Machinery under R&D Projects		26	-	-	26	-	-	-	-	-	26	26
	<b>TOTAL</b>		<b>1,379,850,563</b>	<b>-</b>	<b>10,397,174</b>	<b>1,387,689,054</b>	<b>547,368,026</b>	<b>84,123,818</b>	<b>9,512,516</b>	<b>11,086,185</b>	<b>634,603,541</b>	<b>721,396,623</b>	



UNIVERSITY OF PETROLEUM & ENERGY STUDIES  
YEAR ENDED 31ST MARCH 2015

Schedule 2 B: FIXED ASSETS WHICH HAVE NOT 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	Deletion during the Year	Assets Sold during the year	Closing Balance	Opening Balance	for the year	Written Back on Assets Written Off	Provision for dep on assets sold during the year	Closing Balance	Opening	for the year	Closing	31st March 2015	31st March 2014
1	Land / Sports Ground	0.00%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Building	15.00%	125,553,908	55,830,585	-	-	222,424,453	4,523,123	18,137,387	-	-	22,630,511	-	-	199,793,942	122,072,785	-
3	Classroom Equipments	20.00%	59,213,018	39,366,984	-	-	98,580,002	4,886,165	13,199,026	-	-	18,065,211	-	-	80,514,791	54,426,633	-
4	Computer & Software	40.00%	26,853,625	31,255,398	-	-	58,109,023	4,859,203	15,664,656	-	-	20,524,159	-	-	37,584,864	21,994,422	-
5	Furniture & Fixtures	25.88%	23,151,770	43,402,475	-	-	66,554,245	3,093,225	8,751,526	-	-	11,541,851	-	-	54,725,394	20,071,174	-
6	Office Equipments	13.91%	15,582,666	35,909,715	-	-	51,492,381	1,263,548	4,506,836	-	-	5,775,496	-	-	45,616,885	17,314,018	-
7	Vehicles	25.89%	-	2,113,529	-	-	2,113,529	0	176,250	-	-	176,250	-	-	1,937,279	1,937,279	100
8	Library Books	13.91%	2,922,817	2,509,870	-	-	5,432,687	221,445	490,870	-	-	712,115	-	-	5,140,732	2,701,532	-
9	Plant & Machinery	13.91%	2,157,883	16,819	-	-	2,174,702	138,584	280,897	-	-	413,461	-	-	1,755,111	2,013,369	-
10	Leasehold Improvement	-	-	21,522,540	-	-	21,522,540	-	1,274,122	-	-	1,074,120	-	-	20,447,919	-	-
11	Machinery under RAO Projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>TOTAL</b>		<b>259,985,947</b>	<b>273,256,618</b>	-	-	<b>532,842,565</b>	<b>18,987,525</b>	<b>62,251,719</b>	-	-	<b>81,239,235</b>	-	-	<b>451,603,328</b>	<b>240,598,151</b>	-



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES  
YEAR ENDED 31ST MARCH 2015**

Amount in Rs.

**Schedules forming part of accounts**

**SCHEDULE '3' - Cash & Bank Balances**

	<b>31st March 2015</b>	<b>31st March 2014</b>
Cash in hand	656,354	400,126
<b>Bank Balances:*</b>		
Bank Balances in Scheduled Banks	444,742,625	259,089,784
Fixed Deposits with Scheduled Bank	434,527,781	394,230,189
	<b>879,926,760</b>	<b>653,720,099</b>

\* The above Bank Balances comprise of followings i.e Fees received in advance Rs 11.19 Cr (Previous year Rs 6.50 Cr) , Security deposits received from students Rs 16.14 Cr (Previous year Rs.13.39 Cr) and Fees received in advance from existing students Rs 43.38 Cr (Previous year Rs.32.21 Cr) Inter alia.

**SCHEDULE '4' - Loans & Advances**

Advances Recoverable in Cash or Kind	37,694,633	45,843,382
Prepaid Expenses	18,180,536	41,619,316
Security Deposits	152,693,408	156,866,340
	<b>208,568,577</b>	<b>244,329,038</b>

**SCHEDULE '5' - Income from Academics**

Gross Course Fees	1,575,983,982	1,239,926,818
Less : Domicile Discount/concession	13,459,971	14,387,442
Less: Scholarship expenses	10,848,894	10,164,476
Net Course Fees	1,551,675,117	1,215,374,901
Tuition Fees from Distance Students (CCE)	89,799,270	83,869,261
Other Fees	238,830,253	172,780,806
Enrolment Collections	67,951,778	61,213,464
Miscellaneous Receipts	12,994,471	12,163,413
	<b>1,961,250,888</b>	<b>1,545,401,844</b>

**For University of Petroleum & Energy Studies**

Date :- **22 SEP 2015**  
Place:- New Delhi



  
(Shrihari Honwad)  
Vice-Chancellor

  
(Sachin Jain)  
Finance Officer

**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**  
**YEAR ENDED 31ST MARCH 2015**

**Schedules forming part of accounts**

**Amount in Rs.**

**SCHEDULE '6' - Staff, Faculty & Other Cost**

	<b>31st March 2015</b>	<b>31st March 2014</b>
Staff, Faculty & Related Costs	612,821,178	546,349,895
Academic Professional Charges	27,584,511	21,020,466
	<b>640,405,689</b>	<b>567,370,361</b>

**SCHEDULE '7' - Education Expenses & Student Activities**

Student Welfare Expenses & kits etc.	101,326,209	82,915,216
Examination Expenses	12,028,775	13,173,746
Laboratory Expenses	3,534,490	3,772,198
Library Expenses	1,417,145	1,227,266
Industrial Tour Expenses	27,500,537	20,128,813
Courseware & License Fees	137,138,049	119,665,422
Outsourced Educational Services	149,033,993	137,270,241
Hostel Lodging & Boarding Expenses	32,698,710	20,826,370
	<b>464,677,908</b>	<b>398,979,271</b>

**SCHEDULE '8' - Administrative Expenses**

IT Hardware & Software Expenses	18,878,675	16,332,375
Electricity, Generator & Water Expenses	17,253,302	12,417,627
Festivals & Functions	6,317,331	7,029,011
Statutory Auditor's Fees	427,500	336,180
Internal Audit Fee	814,050	955,620
Legal Expenses	359,428	210,107
Professional and Consultancy Charges	22,769,847	14,576,288
Communication Expenses	2,308,407	5,680,493
Insurance Expenses	9,804,811	7,476,492
Printing & Stationary	6,902,726	8,866,779
Repair & Maintenance	30,624,473	24,982,221
Travelling ,Transportation & Hotel Expenses	40,434,255	46,303,582
Other Administrative Expenses	16,406,508	15,018,181
	<b>173,301,313</b>	<b>160,184,955</b>

**SCHEDULE '9' - Interest & Bank Charges**

Interest on Term Loan	20,302,294	23,085,101
Bank Charges	1,207,861	825,825
	<b>21,510,155</b>	<b>23,910,926</b>

Date :- **22 SEP 2015**  
Place :- New Delhi



**For University of Petroleum & Energy Studies**

(Shrihari Honwad)  
Vice-Chancellor

(Sachin Jain)  
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 2015.

#### **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:

SI 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. Secured Loans: Term Loan and Overdraft Facilities

During Financial Year 2014-15, the movement of Term Loan and Overdraft facility can be Understood in the following tables:

*Amount in Rs.*

Particulars	Balance as on 31 <sup>st</sup> March 2015	Balance as on 31 <sup>st</sup> March 2014
Term Loan classified as Long term Liability under head "Loan Funds"	57,522,673	211,612,515
Term Loan classified as Short Term Liability under head "Other Current Liabilities"	15,600,001	31,251,202
Total Term Loan	73,122,674	242,863,717
Overdraft Facility from Bank classified under head "Other Current Liabilities"	89,951,984	121,551,667
<b>Total Credit Facilities</b>	<b>163,074,658</b>	<b>364,415,384</b>

Term loan and Overdraft facilities taken from banks are secured against the land and all other assets of the University.

Complete residual Term loan and Overdraft facility as at 31.03.2015 were repaid in month of April 2015.

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

### 3. Campus Development Expenses:

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

### 4. Transfers:

#### (a) Transfer from Income & Expenditure Account:

25% of the total interest accrued up to 31<sup>st</sup> March 2015 from bank in respect of fixed deposit of Rs. 2.00 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 31<sup>st</sup> March 2015 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.

**5. Cash & Bank Balances:**

Cash & Bank Balances include a fixed deposit of Rs.2,00, 00,000/- (Rupees Two Crore only) made against permanent endowment fund of the university as per requirement of clause (1) and (2) of Section 41 of the UPES Act.

6. 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.
7. Deferred Fee Liability amounting to Rs. 43.38 Cr (Previous Year 32.21 Cr) is on account of fee received for unexpired portion of existing semester i.e. April – June / future period and will be amortized based on completion of particular course/ activity.
8. Previous year figures have been regrouped and rearranged to make them comparable with current year figures.

**SCHEDULE 1 TO 9 FORM AN INTEGRAL PART OF ACCOUNTS**

**AUDITORS' REPORT**

As per our separate report appended to the Balance Sheet

**For, Raghunath Rai & Co.  
Chartered Accountants**

**For University of Petroleum & Energy Studies**



**(Samir Jain)  
Partner  
M. No. 77010**



**Dr. Shrihari Honwad  
Vice-Chancellor**



**Sachin Jain  
Finance Officer**

**Date: 22 SEP 2015  
Place: New Delhi**

