

# **ANNUAL REPORT**

## **2013 - 2014**

**The Nation Builders University**



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES  
[UPES]**



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# **VISION AND MISSION OF UPES**

## **VISION**

To be the premier international institution with state-of-the-art facilities to provide world class education, training, research, consultancy and outreach services in the areas of oil and gas, energy and transportation sector.

## **MISSION**

To create top quality human resources in order to enhance the productivity in the oil & gas, energy and allied sectors.

To design, develop and deliver continuously evolving education and training programs for professionals in the industry.

To take the leader's role in promoting the growth of oil & gas, energy and transportation sector through specific education and outreach activities.

To provide support to research, consultancy and development activities in all technical and managerial aspects of the oil & gas, energy and transportation sectors.

## CHANCELLOR'S MESSAGE

I am pleased to present the Eleventh Annual Report of the University of Petroleum & Energy Studies (UPES). The University continues to pursue its vision of creating a world class institution and providing inclusive education to the wards who come under our charge.

The respective students were conferred the degrees by the chairman- GMR Group who was the Chief Guest for the Convocation. The Chief Guest admired UPES progressive vision of creating specialized professionals in the core sectors that can contribute to the economic growth of the country.



The University is delighted to announce the passing out of 483 MBA students, 137 students of M.Tech programmes, 105 students of BBA, 106 students of LLB, 567 students of B.Tech programmes apart from 16 Ph.D (04 in Management & 4 in Science & 08 in Engineering). UPES congratulates the graduating students and takes pride in the excellent performance of its alumni.

UPES now has 7380 full time students and about 2500+ students through DL Mode on its roll with a core faculty strength of 350+.

UPES continues to augment its infrastructure. The academic block for our prestigious School of Design Studies includes state of the art design studios, workshop + engineering labs, Library+ Drawing Room etc. The Design School was inaugurated by the Hon'ble Chief Minister of Uttarakhand, Shri Harish Rawat. Besies this, the College of Management & Economics Studies has shifted to the newly constructed world class campus at "Knowledge Acres"- Kandoli.

UPES continues to be driven by its goal to meet India's growing need of professionals and thus helping to transform India's economic and social landscape.

UPES would like to express its gratitude to honorable and distinguished Members of our Boards for their continued guidance and encouragement. We assure them with 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 as an institution addressing the challenges of India's continuously growing and developing economy.

DR S J CHOPRA  
*Chancellor*

## VICE CHANCELLOR'S REPORT

**I**t is my privilege to present the Annual Report 2013 on the progress and development of the University of Petroleum and Energy Studies (UPES) as it completes its eleventh academic year. The Report clearly delineates the well-sustained and active pace of growth and development of the University during the year and covers major achievements of the University, which encompass:



### ACADEMIC ACTIVITIES

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This year UPES offered a bouquet of 53 undergraduate and post graduate programs in Engineering, Management and Legal disciplines with specialization in Energy and core sectors namely Oil & Gas, Power, Energy, Transportation, Logistics and Supply Chain, Electronics, International Business and Information Technology. These include 24 new programs which were launched w.e.f ensuing academic session 2014.

The new programs launched were:

- MA in Economics (specialization in Energy Economics)
- MBA (Business Analytics)
- BBA (Foreign Trade)
- BBA (Retail Management)
- BBA (Financial Services & Marketing)
- M.Tech Embedded Systems with spec in Wearable Technology
- M.Tech (Rotating Equipment)
- M.Tech (Power Distribution) with spec in Smart Grids
- M.Tech (Renewable Energy Economics)
- M.Des (Industrial Design)
- B.Des
- B.Tech (Electrical Engg)
- B.Tech (Production & Industrial Engg)
- B.Tech (Mining Engineering)
- B.Tech (Instrumentation & Control Engg)
- B.Tech Computer Science Engineering with Specialization in Banking, Financial Services & Insurance
- B.Tech Computer Science Engineering with Specialisation in Security & Cyber Forensics
- Int B.Com LLB (Hons) with emphasis on Taxation Law

## Faculty Members

The quality of an academic institution largely depends on the quality of its faculty. Our faculty members bring to the table an optimum mix of qualifications, experience and industry exposure and can be counted among the finest in higher learning institutions in the country. As part of UPES 'academia-industry connect' initiative UPES organized a number of events that attracted excellent participation from the industry. These included HR Round Table in Oil & Gas, Power and Aviation Sector. At various National and International levels Workshops, Conferences, MDPs were also organized during this period.

Many of our faculty member possess Ph.D degrees in their respective area of interest. Most of our faculty and research scholars published research papers, journals in different National and International Conferences/Symposiums/Seminars this year.

## Research and Consultancy

For the past few years, there has been a significant increase in externally funded research activities at UPES. UPES implemented more than 24 key research projects going up to a total worth of ₹ 21.73 crores. The Ministry of New and Renewable Energy (MNRE), Government of India and the Department of Science and Technology (DST) funded various projects in the relevant research areas.

Several other important research projects and consultancies were awarded to UPES by various organizations like European Commission, SERB, Inter University Accelerator Centre, IOCL (R&D), ABB, UCOST, UNESCO based (IAU), UNDP and GIZ. Based on these projects, the faculty and students have developed several innovative technologies which are at the various stages of the patenting process. It is noteworthy that UPES is enhancing its landscape globally nurturing partnership with several leading organizations worldwide, particularly in R&D domain. Few such organizations include, CSIR, CBRI Roorkee, CEERI Pilani, NRDC, New Delhi, IOC (R&D), Faridabad, Abelian Clean Energy Ltd, Ahmedabad, University of Central Florida, FL-USA; Clarion University, PA-USA, University of Tsukuba, Japan and KNUST-Ghana.

Key events among several workshops organized last year include, "International Seminar on Nanotechnology in Conventional and Alternate Energy" in collaboration with the College of Nanoscale Science and Engineering, Albany, NY, USA. "27th National Convention for Aerospace Engineers (NCAE)" and "National Seminar on Technological and Engineering Challenges in Indian Aerospace Industry", "National Conference on Advances in Material Science for Energy Applications" and "Innovate India 2014" an annual event organized by National Research Development Corporation.

## Active International Initiatives

Last year witnessed many initiatives fructifying into operations on the international front. 5 of our students went abroad for internship. These internships were undertaken as a part different collaboration programs. These included 2 students who went to Ecole Superior ENSMM, France National Engineering Institute of Mechanics and Micro technologies on a monthly stipend plus 50% of living costs and fee waiver. 2 students would go to Polytech Orleans, University of Orleans, France from January 2015 on a scholarship of € 650 & € 2000 respectively and a fee waiver. And 1 student to Eccles de Mines de Nantes, France July 2014 went on a project related to Power Systems Engineering.

A few students who were already on board and did well in their internships Internationally are:

- 2 students of M Tech Computational Fluid Dynamics went to France for internships - S.Vignaesh at Arcelor Mital Group and Kaleeshwaran Bat Continental Automotive, Germany, had also got a Ph.D offer.
- 7 B.Tech students went to AIESEC Global internships. Under this program, 2 students went to China, 3 to Russia, 1 to Indonesia and Ukraine each.
- Divya Gupta from MBA International Business attended the 4th semester at School of Business, University of Alberta, Canada as an exchange student. She had received a scholarship award of CON\$1200 for the semester.
- One of our B.Tech Aerospace Engineering students Arpit Singhal went for internship to University of Luxemburg with full scholarship for one semester.
- Amir Lokhandwala of B.Tech Applied Petroleum Engineering was sponsored by Laureate Group to attend the Global Innovation Forum meet in Mexico.
- 2 students Arvindam Malik and Sharma Prasad Reddy did their internship at Munich Airport supported by Frankfurt University of Applied Sciences.
- A few of our M.Tech students also achieved new milestones. These included 6 Nuclear Science Engineering students who went to University of Nantes. To break the language barrier, French and Chinese language classes were organized for outbound exchange students on campus.

Under the MoU with TOTAL Oil India Pvt. Ltd., Prof. G. Sanjay represented UPES at TOTAL Energy and Education Seminar at Paris. He visited TOTAL R&D Centre in Pau, France.

Similarly, three of our students were sponsored by them to participate in TOTAL's educational initiative. 'TOTAL Summer School 2014' scheduled in Paris in the month of June.

UPES M.Tech CFD Program and Nantes University (France) Master's in Thermal Fluids Program formulated a dual degree program. In this program, the students would study first year at UPES and second year at France and would also get paid internships in the last six months. In this regard, 7 students would pursue their second degree from Nantes University from September 2014 onwards.

3 cohorts of 40 students were organized for a double degree MBA Aviation Management program, under the joint degree program with University of Applied Sciences I Centre for Aviation Studies and UPES which was funded by the EU delegation in India.

On inbound front, we welcome few interns on campus.

- Mathieu Gargiolo, University of Orleans, France interned at UPES from May to August 2014 and worked on the CFD project Analysis of Hypersonic Flow on Blunt Bodies with Spike and Semi-spheres
- 4 Angolan students were enrolled for nine months summer bridging program on campus.

## Active Academic Collaboration

- We entered into yet another milestone partnership by signing an MOU with Samsung Engineering India Private Ltd. With this agreement a new chapter opened in UPES that provided industrial exposure,

internship and projects opportunities, research and related projects for the College of Engineering Studies.

- MNRE's Solar Radiation Resource Assessment (SRRA) Station was installed on campus that enabled our access to various weather parameters recorded by SRRA site for future research. The MoU with Centre for Wind Energy Technology (CWET) allowed us to harness the data for non-commercial usage, including R&D.
- The collaboration with Indian Oil Corporation Limited (IOCL-R&D), Faridabad covered engagement for promotion of education, research and innovation with UPES.

## Placements

The placements at UPES surpassed all our expectations. Some of the big name companies like L&T, Accenture, Infosys, Schlumberger, Cairn, Halliburton, Total Oil, Evalueserve, KPMG, Dell, Wipro, Tech Mahindra, TCS, Kalpataru, General Motors, Mahindra & Mahindra, Reliance and many more have recruited students from campus. Around 50%, out of the 1333 eligible students who graduated this year, were placed with top-notch companies. More than 250 companies patronized UPES to recruit, out of which more than 50% chosen UPES for the 1st time, including McKinsey & Co., Linde, Dr. Reddy's Labs, Samsung Engineering, Ouest Global, I Gate to name a few. The highest package went upto INR 17 1akh this year. Recruitments by leading law firms like Mulla & Mulla, Lakshmi Kumaran & Sridharan, Selvam & Selvam and Basil Partners was the special flavor to our law graduates. Besides this LPO's like Quislex, Mind crest and Chess Management also gave multipie offers.

## Internships and Industrial Tours

100% Summer Internships for all students in their pre-final year were secured yet again in 2014. UPES students secured prestigious 'Live' projects cutting across private sector as well as PSUs in related domains. Industrial visits is a mandatory part of the curriculum at UPES. Students of the pre-final year visited offices, factories and sites of host organizations. Over 2500 students went for 40 different Industrial tours pan India.

The year witnessed an unprecedeted triumph as 16 students received international paid internships in France, Luxemburg, Canada, Frankfurt, Germany, China and Russia. Even in domestic circuit, there was a sizeable increase in numbers in paid Internships with various reputed majors.

## Student's Activities

Many of the Students brought Laurels to the University by participating in the co-curricular and extra curricular activities at National and International Level.

## Awards

- The Computer Society of India Awards Committee unanimously conferred upon our faculty Dr. Vinay Vashti the "Significant Contribution Award" in the field of Computer Science and CSI activities.
- UPES CSI team was awarded as the "Best Student Branch 2013-14" at the Annual National Awards organized by Computer Society of India Mumbai.

- The UPES SPE Fest 2014 was awarded the 'Gold Standard Award' by SPE International for three successive years, and it is this rare distinction that sets us apart from other Chapters in the University.

## Cultural Growth

UPES has a vibrant extra-curricular culture that encourages students to take the lead in organizing a variety of events. Our annual youth festival Uurja served as a dynamic and exciting platform for students to hone and enhance their diverse talent. All the events, particularly evening functions drew largest ever audiences, which were in excess of 4000 students. Students from 8 local and 9 outside institutions participated. For the first time a special Android application was launched with all the details about the event.

## Other Activities

Events like 3rd edition of UPES International Model United Nations, Anti-substance Abuse Awareness Campaign (ASAAC) and Prevention of Road Traffic Accidents gathered encouraging participation by students. Techno-legal-management fest like IGNITE and SPE attracted students' participation from both national and international organizations.

Orientation programs like Monsoon Management Magic (M3) for MBA students and Tech Tonic for M Tech students were organized to induct new students in an innovative and exciting way. These events were well received.

## Discipline and Grievance Redressed

Dealing with indiscipline, our focus remained on regulation of students' behavior through correction and counselling. By and large, good discipline was observed among students. After the effective implementation of the Online Grievance Redressed System, a reduction in the number of grievances was seen. Our focus was to ensure a ragging free, Drug free and women harassment free campus with pristine environment for students. 100 percent online affidavit registration was commendably achieved last year.

## Personal Counselling and Psychological Services

To help students cope with change and achieve maximum results, personal counseling and psychological support was regularly provided under the expert professional guidance by a trained clinical psychologist.

## Health and Medical Services

Four doctors, a Deputy Chief Medical Officer and one lady nurse was made available on campus during working hours. To handle emergencies, First Responder programs were frequently organized for disaster management. The training was also extended to Fire & Safety Engineering students.

## Alumni Activities

The third annual alumni reunion enabled 113 alumni to walk down the corridors of nostalgia. The pageant was filled with music and dance where alumni relived their college day's memories with their batch mates, seniors and juniors. In addition, three Alumni Chapter Meets were organized at different cities including Ahmedabad, Delhi and Mumbai.

## Community and CSR Activities

The University's Corporate Social Responsibility (CSR) activities were initiated since 2004. The organization supports social and sustainable development activities mainly in four sectors:

(1) Adoption of Girl Child; (2) Education; (3) Health and Hygiene and (4) Skill Development Program for villagers.

Started with one, today UPES has adopted 45 girl children as Daughters from nearby villages. Projects like Sankalp, Samvedna, and Abhilasha have encouraged educational access to underprivileged, female hygiene and health education, skill development program, child welfare for needy, self-sustenance and free medical support for quality life to nearby select villagers.

We feel proud to have donated 1001 units of blood by UPES students, staff and faculty during the voluntary blood donation camp organized at UPES consecutively for 8th year in a row.

## UPES, Industry and Government Partnership

The Government and Industry are the anchors of UPES. Year on year, this relationship has grown stronger and deeper.

- **Vijayanta Tank:** Vijayanta Tank, was installed on campus. This was donated by Ministry of Defense, Government of India. Before this, Indian Air Force had also donated a MIG-23 to the University which proudly stands on campus.
- **Bosch Lab:** The Centre of Excellence for Training & Research in Automation Technology established in collaboration with BOSCH Rexroth, was inaugurated by Mr K.S.Jamestin, Director-HR, ONGC on campus. This center has state-of-the-art training and research facilities for Hydraulics, Pneumatics, PLC, Drives, Mechatronics, Robotics and CNC. All the equipment used are industry grade components and software's.
- **UPES ONGC Rock Museum:** This museum was set up at a cost of over 40 Lacs. This had been given an endowment of ₹ 10 Lacs as a CSR initiative from ONGC.
- The Energy Cup continued to be supported by ONGC and Schlumberger-Cairn.
- UPES got MoU with L&T and CAIRN for awarding scholarships to meritorious student of M.Tech PLE & B.Tech (APE) respectively.
- Petronet LNG instituted a Chair Professor at UPES for creating policy paper on LNG and to disseminate knowledge to the students of UPES.

## IT and the Advanced Computing Centre

Maintaining the reputation as a forward thinking IT-focused institution, a brand new enterprise class Customer Relationship Management (CRM) System based on Microsoft Dynamics was introduced for Enrollments and Career Services teams. The system enabled us to gain analytical insights into operations at a granular level thus improving the service levels to potential applicants and recruiters alike. The system was fully integrated with the University website and SAP systems.

The University's SAP Student Lifecycle Management system was enhanced to an upgraded version. The University was one of the first in Uttarakhand to implement such a system. Some processes were made fully

automated through SAP which included submission of R&D proposals and question paper setting. The SRE and R&D Departments now have a consolidated view of the status of these respectively at any point of time.

### **Learning Resource Centre (LRC)**

The Learning Resource Centre at UPES acquired a prominent place among the students and faculty. This Centre is centrally located in a three storied air-conditioned building, serving over 7000 members as a central place for academic and research activities. It is well equipped with three reading rooms with seating capacity of 400 users. One could find here a very rich collection of relevant books, journals and databases in more than 76000 books, 125 Journals, e-books, and 14 a-databases and more. The Centre's routine services were fully automated using Integrated Library Management Software 'LibSys' that supported all in-house operations of the library. To facilitate readers in locating information, the library portal entitled GyanKosh:UPES Knowledge Portal, was introduced.

### **Continuing Education**

The Centre for Continuing Education, CCE is metamorphosing to offer quality blended education through "Distance Learning Mode" riding strong on a robust E-learning backbone. CCE now offers all its programs in the 'On Line' mode to increase its footprint internationally. It is continued to grow at a healthy growth of 30%. Recent signing of an MoU for Research and Post Graduate studies with the Indian Air Force in March 2014 has expanded the possibility of academic exposure for its students.

### **Endowments**

Hampson-Russell Software & Services, a division of CGG Veritas Services (AUSTRALIA) Pty Ltd endowed their five software's on reservoir characterization to UPES under their University Donation Scheme (UDS) namely AVO, STRATA, EMERGE, ISMAP & LITHOSI.

University is very conscious of its social responsibilities and actively participate in CSR activities and account of which is given in the subsequent pages.

**DR. PARAG DIWAN**  
*Vice Chancellor*

## **PRO-VICE CHANCELLOR'S MESSAGE**

**U**PES is in its 12th year of its existence and becoming a nation-wide stronger brand among students, parents and recruiters by each passing day.



There is a continued consolidation and up-gradation of all its Academic Programs and Courses related with the Undergraduate, Postgraduate & Doctoral Courses in its three Colleges having total student strength of 7381 as regular, including School of Design Studies & Centre for Information Technology (both under the College of Engg.), and 2500 as a part of CCE, including 504 PhD scholars.

The year 2013-14 saw UPES entering into many meaningful MOUs, getting crowned with reputed accreditations and acquiring prestigious certification like ISO 9001 : 2008, 14001:2004 while adding more to the Laboratories with new instruments, gazettes and souvenirs in order to meet the requirements of various specialization courses.

University intensified its efforts to carry out R & D activities related to its specific domains. 'Centers for Excellence' for each of the domains - 11 such centers are now functioning, under the guidance of their Program Directors & HODs. These Centers have been created to direct research efforts for identified projects. Our research areas with a core focus are:

- Renewable energy systems
- Sustainable Development
- Environmental and Energy economics
- Nanotechnology
- Large scale infrastructure and project finance
- Robotics
- Computation
- Petroleum Geosciences and Hydrocarbon Exploration
- Automotive engineering
- Energy Law
- Aerospace

Specific research set-ups were created for each of these research projects and an exclusive R&D Block was built to provide infrastructural support to these intensified Research efforts. These Centers would work on specific technical, management and legal issues related with important sectors of our economy such as Energy including Power, Transportation, Infrastructure and Manufacturing. Notable were the Research Projects related to renewable and alternate energy including Bio-Fuels, Robotics, Nano-materials and Energy laws.



University placed great importance to interaction with Industry and R&D institutes. Technical and Managerial experts from industry and legal luminaries visited our Campus to interact with Students and Faculty on issues of contemporary interest. Conferences, Competitions, Guest Lectures, workshops were organized in the Campus with the involvement of students, Faculty and Industry experts to bring home to the students and learning community the ground-realities in Industry and business.

Many exciting activities happened on the campus:

- Department of Physics successfully organized a two days National Conference on "Advances in Material Science for Energy Applications - AMSEA" held on 9th January 2014. Mr Dinesh Agarwal - Hon'ble Cabinet Minister, Govt of Uttarakhand graced the occasion as the Chief Guest. There were 51 delegates from various academic institutions across the country and they presented their ongoing research work in oral/poster sessions. Additionally, the 11 invited distinguish key speakers from reputed eminent Indian institutions delivered their talks.
- A new IT Support Portal was introduced. Using this portal, individual users were able to log their support requests with IT, and could register their complaints with IT via the portal. Users were able to check the status of their logged calls on line using the portal.
- Prof. Dr Chuang Kwang Li - Dean - Faculty of Science, Technology, Engineering and Mathematics (FOSTEM), Dr. Jagdeep Jassel Satwant Singh - Associate Dean FOSTEM and Associate Prof. Jasmine Low Hong Hoon - Deputy Dean FOSTEM, all representatives of INTI International University, Malaysia visited UPES Campus on 14-16 Jan 2014.
- A sensitization program for effective teaching, under Faculty Development and Education Technology Centre (FDETC) was organized on 9th and 10th Jan, 2014 where 17 faculty members participated. This "sensitization program for effective teaching" was different from the routine FDPs in many ways. This FDP not only discussed the teaching learning process more comprehensively, but also touched the different aspects of teaching learning process. The cognitive domain, the affective domain and also the psychomotor domain of a learner were deliberated upon during the program. The participants' feedback expressed that, this kind of FDP is a must for all the university teachers.
- Mr. KS Jamestin - Director HR, ONGC inaugurated the Centre for Automation on 26th Jan 2014. Other senior level executives also graced the occasion.
- UPES Basketball team participated in the Uttarakhand State Basketball Championships for the first time and reached Semifinals. ONGC is the current national champions.
- UPES is one of the 20 zonal centers where IIT Kanpur in collaboration with Byte Code conducted 'Ethical Hacking and Cyber Forensic workshop' on 31st Jan and 1st Feb 2014.
- Prof. Eric Climent from France visited UPES for faculty interaction and for International Collaboration from 28th - 31st Jan 2014. Professor Eric Climent's visit was to examin the possibilities of international collaboration between "Institut de Mécanique des Fluides de Toulouse" institutions in Master's in CFD program.
- Prof. Claude Guet an eminent Professor. Presently he is a Visiting Professor at Energy Research Institute at the Nanyong Technical University, Singapore. He is also senior Scientific Advisor of CEA Chairman (French Alternative Energies and Atomic Energy Commission). Earlier he had also served as the Chief of staff to the High Commissioner for Atomic Energy from 2006 to 2010. He was at the Department

of Nuclear Science and Technology, COES, UPES Campus from 4th - 18th January, 2014 to take the subject of Nuclear Reactor Theory I, for the M-Tech II semester students.

- Dr Dinesh O. Shah - Founding Director, Shah-Schulman Center for Surface Science and Nanotechnology, Dharmsinh Desai University, Nadiad, delivered FDP Training to the faculty members and lectures to the students of Geosciences and Petroleum engineering Department, Chemical Engineering Department and Chemistry Department from 13-16 Jan 2014.
- Staff Development Program was initiated by CPC Department from 18th January 2014, which continued till the end of April 2014.
- For maximum utilization of EBSCOHOST e-Database, Library Department organized a training program on 18th Jan., 2014
- Shri Ajay Bhatt - Leader of Opposition, Uttarakhand Legislative Assembly visited UPES Campus on 16th Jan 2014
- NRDC Officials including Dr Rajendra Dobhal (CMD), Shri. A. Pradhan, Chief - (PP), Shri. D.C. Joshi, Chief - (BD), Shri. Govind Sharma, Sr. Manager (P&A), and Shri. S.K. Gupta, Manager visited UPES Campus from 13th - 15th January 2014 and discussed about holding their Annual Event "Innovate India" at UPES campus on 27th - 28th Feb 2014.
- HR Department of UPES organized a Training Program on ESS, LMS & CORATS for the new joinees on January 18, 2014.
- "Innovation Ecosystem- Indian Perspective" - NRDC Innovate India 2014 was organized on Feb 27-28 at UPES, Dehradun. The Innovate India is the annual event of the National Research Development Cooperation (NRDC). The event comprised of NRDC Meritorious Invention Awards Distribution Ceremony, Students Model/Poster competition and a conference. Padma Vibushan Dr R Chidambaram (Principal Scientific Adviser, GoI) was the Chief Guest during the inauguration session. There were 17 distinguished speakers who deliberated on the various aspects of Innovation Ecosystem in various interactive sessions.
- UPES Petrotech Chapter hosted 6th Annual Petrotech Convention at UPES campus on 24th & 25th Feb 2014 and won the award of the Best Student Chapter.
- UPES students, SPE Chapter, Basketball team and Student DC Volunteers visited Indian Military Academy Dehradun on 22 Feb 2014. They were given a guided tour of the Academy and was followed by friendly Basketball match between Army Cadet College (ACC) IMA and UPES. The match was played in the Major Hoshiar Singh Gymnasium. Entire ACC Wing Cadets were present to cheer the home team as also the guests from UPES. 80 of our students along with Team DSA were present to cheer for the UPES. ACC won 53-46.
- Anti Substance Abuse and Road Safety Awareness Campaign: Team DSA organized Anti Substance Abuse Awareness Campaign (ASAAC) and Prevention of Road Traffic Accidents activities on 20th February 2014. All the students and members of faculty and staff coming on their transport had stickers pasted on their vehicles. Those violating traffic rules were counseled appropriately. In all 500 stickers were distributed. Slogans Writing and Kite Flying by Students: There were 50 participants and more than 250 spectators in the sports ground.
- Run for Life: The campaign peaked with the 4KM run from Kandoli to the Campus at 11.30 AM on 21st February 2014. Participants were required to put slogans on their shirts. The event evoked tremendous enthusiasm. 152 Students / faculty took part.



- A Special Session on Ground Handling was carried out on 1st Feb,2014 by Mr. Ashwin Noronha - Associate Director (Aviation Vertical), KPMG for the 150 Students of MBA & BBA (Aviation).
- UPES SPE Student Chapter organized the UPES SPE Fest 2014 from 6th-9th February 2014.
- UPES-CSI Regional Student organized a convention on 13th Feb 2014.
- UPES CSI under the aegis of Department of CIT at University of Petroleum and Energy Studies (UPES) successfully organized a two days (13th - 14th Feb. 2014) Regional Student Convention 2014. In this event, there were 550 students from various academic institutions across the country. They participated in 3 different online, 11 offline event, 2 Guest lectures on Big Data, Cloud-Demand Ware from Industry Specialist and 1 workshop on Linux Kernel programming.

Among the esteemed guests present were Dr. M.N.Hooda (Director ,Bhartiya Vidyapeeth), Mr. Bhavuk Chawla (Manager Architect Sapient), Mr. Vinod Taneja (Director NIC), Dr. Durgesh Pant (Prof. & Head, Kaumoun University). Hon'ble Vice-Chancellor Dr. Parag Diwan, Pro-Vice Chancellor Prof. Utpal Ghosh, Campus Director Dr. Shrihari, Dr. Manish Prateek (Assoc. Dean, CIT), Dr. Vinay Avasthi (Programme Head) were also present at the inauguration ceremony.

- College of Management and Economics Studies organized an International Conference - ICMI 2014 on 14-15 Feb 2014. Dr. R.S. Tolia former Chief Secretary - Govt. of Uttarakhand and NTPC Chair Professor at Centre for Public Policy in Doon University was the Guest of Honor at the inaugural ceremony of ICMI - 2014 on 14th Feb 2014.
- University of Petroleum and Energy Studies organized Annual Techno-Legal-Management Festival - IGNITE 2014 from 20-22 Feb, 2014. UPES 2nd SIP (Summer Internship Project) Contest-2014 was also organised during IGNITE on February 22, 2014. The objectives of the contest were to encourage MBA students to conduct innovative, high-quality summer internship projects & to provide a platform for a college level exposure of high-quality summer internship projects.
- Center for Management Development (CMD), UPES organized a one day training workshop on 'Selling Solar Lights: Technology and Finance' at MDC on Feb 15, 2014.
- 3rd edition of UPES International Model United Nations 2014 achieved a new benchmark. The Chief Guest of the Conference was Shri Vijay Bahuguna, the Former Chief Minister, State of Uttarakhand. The event saw participation of 200 delegates from 31 institutions across the country and 21 Delegates from 5 International Institutions viz; Afghanistan, Bhutan, Germany, Indonesia and South Sudan.
- Two people from the Chemical Engineering Department, UPES, (Ms. Sonal Bhadauria, B. Tech., CE + RP, VI semester and Prof. Vishal Mishra) were selected for the Academy (three Science Academies of India, INSA New Delhi, IASc Bangalore and NASI Allahabad) Summer Fellowship for two months in summer. This was an extremely reputed Fellowship and was highly competitive (last year, out of 5526 student applicants in Engineering, only 281 were honored, and out of 137 faculty applicants in Engineering, only 23 were honored). Sonal went to Dr. Amaresh Dalal in the Mechanical Engineering Department at IIT Guwahati (Dr. Dalal is a Ph. D. from IIT Kanpur with Professors Gautam Biswas, presently Director at IIT-G, and Professor Easwaran, presently at IIT Hyderabad, both are very distinguished academics). This is the first time that the Academy Fellowship was given to a student of UPES. Professor Vishal Mishra went to IIT BHU for the second year to collaborate with Professor S. N. Upadhyaya, FNASc, FNAE, in Chemical Engineering, who is also a very distinguished academic (and earlier, Director, IT BHU).

- MINERVA-2014 (Inter College Quantitative Techniques QUEST) for management students took place on 28th February 2014, which was organized by the Department of QT/RM/OM, CMES, UPES, Dehradun. This year there were participants for 163 preliminary rounds and 26 for the final rounds from different institutions like IIM Kashipur, RGIPT (Rai Bareli), AMS (Mangalore), Amity University (Noida), Graphic Era, DBIT, GRDIMT, TULA Institute, DBS, SGRR, UIT/UIM, including UPES.
- Prof. Hanan Samet - Professor of Computer Science, Centre for Automation Research and Institute for Advanced Computer Studies, Maryland visited UPES for a Lecture on "Duking it out with the Smartphone Mobile App: Google, Apple and Competition" on 26-28 February 2014.
- A workshop on Anti-Corruption & Ethical Leadership was conducted by Mr. Mark Snyderman - VP Global Ethics & Compliance, Laureate on 6th Feb 2014.
- Ms Mallika Patel, Mr.Senthil Ashok Kumar, Mr Karunakant Verma and Mr Anand G of L&T IES visited UPES campus on 26th Feb 2014. The objective was to sign an Industry Academic Interface MOU with UPES.
- H.E. Dr. Aziz Qureshi - Governor of Uttarakhand & Lt Col. Rawat did the unveiling of the Vijayanta Tank on 29th April 2014. The Welcome Address was given by Mr. Sanjay Kaul - President UPES and Mr. AS Bains narrated the history & brief on the Vijayanta Tanks.
- A new library portal entitled "GyanKosh: UPES Knowledge Portal" was inaugurated by the Hon'ble Chancellor on 23rd April 2014. The portal was fully designed and developed by our library team in cooperation with IT Dept.
- World IP Day celebration was organized by the IPR Cell of College of Legal Studies, UPES in association with UCOST (Uttarakhand State Council for Science & Technology) R & D (UPES) and Center for Innovation & Entrepreneurship (CIE) on 28th April, 2014. The celebrations included IPR awareness, a brief video on intellectual property, Debate and Essay writing competition where undergraduate and post graduate students participated irrespective of the discipline. UPES IPR policy, a poster presentation and exhibition highlighted the creativity and innovation of the students.
- SPIC MACAY Vocalist Mr Madan Gopal Singh, Guitarist and Banjo player Mr Deepak Castelino along with Sarod player Mr Pritam Ghosal and percussionist Mr Gurmeet performed at UPES Auditorium on 28th April 2014.
- Dr Rajat Kathuria - Director, ICRIER visited UPES for an interaction with R&D department on 21st April 2014
- 4th Dr. Paras Diwan Memorial "Energy Law" National Moot Court Competition 2014 achieved a new benchmark. More than 40 teams from all over India registered for participation. 27 best teams (81 mootng students- 57% Male and 43 % Female) were shortlisted to participate from different parts of India (East-4, South 5, West-6, North-11). There were 38 judges from Industry, Legal academia, Local Bar, Senior Advocates of Supreme Court, and High Court Judges, who judged 34 rounds of the moot proceedings to select the best team. Hon'ble Mr. Justice Rajesh Tandon Member Human Right Commission Uttrakhand, Ex-Chairman, Cyber Appellate Tribunal Govt. of India was the Chief Guest during the inaugural function while Hon'ble Mr. Justice Vijendra Jain, Chairman Human rights Commission, Uttrakhand, Ex- Chief Justice Punjab & Haryana High Court was the Chief Guest during Valedictory Ceremony. Annual Blood Donation Camp of UPES was organized on 26th, 27th & 28th February, 2014. Blood Bank of Indian Medical Association and Shri Mahant Inderesh Hospital Trust were the two agencies who were invited to collect the donations this year.

- Mr. B M Bansal, Former Chairman - IOCL visited UPES Campus on 30th April 2014 and interacted with the students of MBA (Oil & Gas Mgmt) and MBA (Energy Trading).
- Department of Electrical Power & Energy organized Two-Days 'Intensive Training Workshop for Architects & Engineers on ECBC' on April 21 & 22, 2014
- Business Strategy Simulation workshop was organized for College of Management students and Incubates on 18th and 19th April 2014.
- UPES-SEG student chapter organized "Year End Closing Ceremony" on 17th April 2014. Mr. Kaushik Sen from Wadia Institute of Himalayan Geology and Dr. Devashish Chakraborty Dy GM Development Geology were the guests.
- UPES-CSI Student Chapter had its Investiture Ceremony on 16th April 2014. The esteemed guest for the ceremony was Mr. CV Ravi Kumar, Territorial Coordinator, LPG Plant, Bharat Petroleum Corporation Limited. He shared his experiences with the students. The CSI chapter also announced the new UPES CSI committee for the session 2014-2015 along with the launch of the second issues of the annual magazine "IDENTITY".
- Shri. Vijay Kumar Dhaundiyal, IAS, DG-UCOST & Additional Secretary, Science & Technology, Govt. of UK visited UPES Campus on 5th April 2014.
- The Summer Excitement Program 2014 for Under Graduate students of CIT was successfully completed from 19th to 22nd May, 2014. This excitement program was started with the inaugural ceremony on 19 th of May 2014, followed by various excitement events to enrich the interpersonal and intrapersonal skills of the students. About 700+ students actively participated in various events like indoor games, outdoor games, talent show, singing, dancing, photos submission, rangoli etc. Expert Lectures were delivered by Industry Experts and all these SMEs were impressed with our students' enthusiasm in learning and other activities. Winners of various events were appreciated with Prizes and Certificates during Prize Distribution Ceremony. Finally, event was successfully closed after valedictory function on 22nd May, 2014.
- Dr. U. Kedareswarudu - Faculty Advisor of UPES-SEG Students' Chapter invited Dr.Xuri Huang, Reservoir Geophysicist, Sun Rise Petrol Solutions Tech Inc., Houston, USA on 15th May 2014, who delivered a lecture on "Bridging the chasm between geophysics and reservoir engineering" sponsored by SHELL.
- Commencement of Project Abhilasha 2014 from 24th May 2014 till 9th June 2014. Twenty two students from Nehru Gram, Paundha, Kotdwar, Androli, Khirsu, Bailni (Rudraprayag), Ghansali, Tehri, Kandichham (Tehi-Garwal) and Khatima (Uddam Singh Nagar) participated in the event.
- Aerokriti 2014: The Department of Aerospace Engineering organised the Annual Summer Workshop "AEROKRITI - 2014" from May 20th May to 28th May 2014 for B.Tech ASE & ASE+AVE first year students.
- University also witnessed the installation of the 88th Solar Radiation Resource Assessment (SRRA) Site by MNRE/CWET at UPES Campus to access to various weather parameters (recorded by SRRA site) for future research.
- College of Management and Economics Studies organized two FDPs simultaneously on May 08, 2014 and May 09, 2014 i.e. FDP on 'Teach Like a Rockstar, by Dr. Sunil Barthwal & FDP on ' Marketing and Retail Management' by Dr. A Sengupta.

- Prof Rangan Banerjee from IIT Mumbai visited UPES Campus on 26-28 May 2014 and spent time with various faculty members.
- FDP- Understanding Legal Publication Market was organized by COLS on 23rd May 2014 at MDC center. The Instructor was Prof. Vivek Kanwar.
- Department of Electronics Instrumentation & Control Engineering organised an in-house 5-day Workshop on DIGITAL IC DESIGN & FPGA SYNTHESIS (19th, 20th, 21st, 22nd and 23rd May 2014).
- Aerospace Engineering department organised the visit of Dr. Sanjay Mittal, Head-Aerospace Engineering Department, IITK on 16th May 2014.
- A seminar on "Excellence in Organic Elemental Analysis - Techniques and Instrumentation" was organized on 15th May 2014 in MDC Conference Hall. The presenter was Dr. Dominik Margraf, an Application Scientist from Elementary Analysensysteme GmbH, Germany, discussed the technique of Trace Sulphur and Nitrogen analysis on petroleum products.
- From 1st May 2014, Stravis IT Solutions Pvt Ltd commenced their operations to support UPES in IT Managed Services from Vedang Consultancy Service Pvt Ltd (formerly known as Ramtech IT Services.) Stravis IT Solutions Pvt Ltd is associated with UPES since Aug 2010, when they were selected to do the implementation of SRE automation in SAP SLCM. Subsequent to this they have been providing SAP support services to UPES and did multiple enhancements in HR, Payroll, CCE, Finance, Purchase & SRE.
- CANSAT UPES team stood at 6th position in the world ranking at CANSAT 2014 competition held at Urkett, Texas on June 13-15, 2014. As per the Team Mentor Two day Expert Sub-Committee Meeting on 'Women and Nutrition (WN)' Programme under 'Science and Technology Scheme for Women' was organized by University of Petroleum and Energy Studies on 19th and 20th June, 2014. This program was catalyzed and supported by Science for Equity Empowerment and Development (SEED) Division, Department of Science & Technology, New Delhi.
- COMES organised M-Cube program for the newly inducted MBA students from 19th June to 30th June 2014.
- UPES-CIT organized the ISTE workshop on "Computer Programming" as a remote center.
- Centre for Innovation and Entrepreneurship, College of Legal Studies and R&D together organized one day workshop on IP Policy on 10th June 2014. The workshop was conducted by Mr Praveer Gupta - Founder and CEO - Ripple IP.
- UPES SPE student chapter won the prestigious and the top most award of Outstanding Chapter Award for the year 2014. SPE chapter is one of the 7 Elite SPE chapters in the world.
- A workshop on "Basics of Finance for Entrepreneurs" was conducted by Dr Sumeet Gupta in the incubation center. It was attended by about 15 students.
- ISO 9001:2008 and ISO 14001:2004 Surveillance Audit by DNV- GL by Mr. K.K.Mattoo and Dr. Sanjeeva Singh (Auditors) during 25th and 26th August, 2014 was conducted successfully.
- BBA-Retail Management course was inaugurated on Aug.27, 2014 by Mr.Deepak Gupte, General Manager, Big Bazaar. Mr.Deepak Gupte is an Engineering Graduate of IIT Mumbai and a post graduate in management from IIM Calcutta.

- Center for Infrastructure and Project Finance & Department of LSCM and Operations organized their first conference "Agro Supply Chain Conference" (ASCC- 2014) with NABARD and SIDBI as partners on August 22nd, 2014.
- Mr. Rajan K Plillai, CEO & MD, Indian Strategic Petroleum Reserves Ltd., Delhi visited UPES campus on 16th Aug 2014 and delivered a lecture on "Underground Rock Cavern Storage of Hydrocarbons".
- Independence day flag hoisting programme was organized on 15 August 2014 under a heartfelt event named "Jashn-e-Aazadi." A Patriotic Song competition was organized on the auspicious occasion on the eve of our Independence day i.e. August 14, 2014.
- UPES SPE Student Chapter organized an event Brand Quotient on 07/08/2014. Brand Quotient - A logo quiz competition was organized for the freshmen on 8th August 2014. The inaugural event of UPES SPE Students Chapter for the ongoing semester garnered participation from all the 7 branches of engineering that fall under the chapter, viz. APE upstream, APE Gas, Chemical Engineering, Computer Science - Oil & Gas, Geoscience, Geo-informatics and Mining.
- A distinguished lecture was organized by Mechanical Engineering Dept. of COES on 31st July 2014. The Distinguished Speaker - A. K. Sehgal - General Manager, Research & Development Centre (IOCL) spoke about the Significance of Engine Testing on the Performance Evaluation of Automotive Lubricants. The lecture was aimed for sharing and enhancing research initiatives among the faculty in Mechanical Engineering Department, during the academic year 2014 - 15. It covered different facets of one of the demanding topics "Internal Combustion Engines & Lubricants." Although the sessions were focused on Internal Combustion Engines & Lubricants research, aspiring researchers from the COES were also welcomed.
- Mr. Mahendra Kumar Garg visited UPES campus on 26th August, 2014. The visit was coordinated by O&G department of COMES.
- Electronics, Instrumentation and Control Department of COES organized a workshop by Prof. DV Gadre on "Embedded System Design" on 23 August 2014.
- Parliamentary Debating Society of CoLS conducted an orientation programme for the students on 21/08/2014.
- Department of Electrical Power & Energy Engineering hosted a visit by Dr. V.V.N Kishore, former Sr. Fellow & Professor (TERI) on 20th & 21st Aug. 2014.
- Electronics, Instrumentation and Control Department of College of Engineering Studies, organized a guest lecture by Mr. Yogesh Kalia on "Introduction to Cutting Edge Automotive Electronics Technologies" on 20 August 2014.
- Mediation workshop-first was organized by, COLS. The trainers were distinguished practitioners of mediation. The team members included:
  - ❖ Mr. Niranjan Bhatt, Sr. Counsel, Ahmedabad High Court
  - ❖ Mr. J.P. Sengh, Sr. Advocate, HC
  - ❖ Ms. Sadhana Ramachandran, Advocate, SC

- ❖ Ms. Veena Ralli, Advocate, Delhi High Court
- ❖ Ms. Reeta Kohli
- Incubation Centre (Centre for Innovation and Entrepreneurship) rolled out "Entrepreneurial Employee of the Month" and "Entrepreneurial Team of the Month" awards. The team comprised Amit Mondal, Vindhya Devalla, Anant Wadhwa & P Shukla under the guidance of Dr. Om Prakash, was selected as the "Entrepreneurial Team of August 2014" for successfully executing the Phase I of the R&D Project "Automatic Air Filling System for 4-Wheelers".
- Dr. Kingshuk Srivastava, Dept of CIT, delivered in a "Seminar on Big Data & Analytics" on 16th Sept, 2014 (10:30-12:00). The seminar was organized by CRI (Computing Research Institute) supported by R&D Dept and CIT, under its research club activity.
- Department of Health Safety & Environment organized "World Ozone Day Celebration" on 15th & 16th September 2014. For this purpose many events like extempore, Idea tank, debate, and documentary show were held.
- UPES in collaboration with startup accelerator chamber of commerce, Chandigarh presented an "Entrepreneurial Event" for the first time in Uttarakhand. E-cell at UPES organized BOOTCAMP day on 12th Sept, 2014.
- Mr. A.M Singh (Joint Director, Ministry of North-East Affairs) conducted a workshop on 12th Sept, 2014 on "Challenges & Opportunities in North East".
- The Department of Electronics, Instrumentation and Control successfully completed the two day workshop titled, "Optical Communication & Networking" on 10th and 11th Sept 2014 by Mr. Arya Basu, Senior Engineer, CESC Limited, Kolkata.
- Mr. M.P. Eshwar, Chairman & Managing Director, Instrumentation Limited, a PSU under Ministry of Heavy Industries & Public Enterprises, Government of India visited the campus on 5th September 2014. He also addressed the students on "Trends and Capability Building in Public Sector in the Recent Years".
- Mr. S. Krishnan, Chairperson-Petroleum & Natural Gas Regulatory Board inaugurated MBA Oil & Gas. He also gave an inaugural address on "Downstream Regulation in Oil & Gas Sector".
- Project Writing Workshop by Prof P.C Sarangi, Senior Academic, ICSSR was held on 5th Sept, 2014.
- Workshop on Research Methodology & Plagiarism was organised by Aerospace Dept, from 9th to 11th Sept.
- Guest Lecture by Mr S.M. Roy, Former Chief Executive Of Lanco Construction was organised on 11th Sept, 2014.
- UPES SEG Student Chapter Scientific Movie Event was organized on 10th September.
- Lecture on "Some Aspects of After-Sale Services in Automotive Industry" by Shri S.S. Gupta, DGM Works, Maruti Suzuki India Ltd. on 16th Sept, 2014.
- A contingent of 27 students from College of Legal Studies participated in JayPee Youth Parliament that was simulated between October 11 and October 12, 2014 at JayLee Institute of Information and Technology. The competition had two major simulations – Lok Sabha – which was reviewing Article 370 of the Indian Constitution and Rajya Sabha – which was discussing and attempting to pass the Higher Education and Research Bill.

- The UPES cultural Fest Uurja 2014 was organized on 15-16 November 2014. Evening functions of both days drew a huge audience. Events at Amphitheatre went jam packed and seen around 5500 students. Entire Uurja was played out in a well regulated disciplined environment. All through, it was a student led event including maintenance of discipline with facilitation and monitoring by Team DSA. There were 31 events in competitive category. In addition to our students, there was participation from 14 other institutions. It included five students from UTM Shillong. Dr N. M. Saikiya, Proctor had accompanied UTM students. They enjoyed every moment of their stay at UPES.
- Aura '14 was especially dedicated to two of the burning challenges of student fraternity that was substance abuse and road traffic accidents. "Abhinay", the program based on these social paradigms moved the packed audiences and forced them to introspect. There were other very popular events like Footloose, Mr and Ms Uurja, War of Bands and Talent Hunt etc as well.
- Uurja finale was provided by the performance of famous Delhi based rock band "ASTITVA". It was a fitting climax where nearly 5500 thousand wildly cheering students danced to a frenzy.
- UPES further expanded its academic profile to help in knowledge enhancement among corporate executives by organizing various national level Management Development Programs. UPES proposed to offer, on regular basis, well designed and focused MDPs to Industry and Corporate world and Govt. Depts. dealing with Managerial, Technical and legal issues applicable to Energy, Infrastructure, Transportation and Allied sectors.
- University's Women Development Center has continued to work with the primary schools, in the vicinity of the Campus to encourage them by providing material, medical and learning related assistance to promising girl students. The literacy initiative were taken for the benefit of children of the construction workers engaged in the Campus and continued to receive appreciation of the beneficiaries.

It is satisfying to note that UPES has now become an institution of preference for the students and its fraternity rededicates itself to providing a very high level of learning and personal development support to its primary stake-holders - the knowledge seekers.

**MR. UTPAL GHOSH**  
*Pro Vice-Chancellor*

## 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
- Accredited by National Assessment & Accreditation Council since January 2009

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 [2012-2015]

#### CHAIRMAN

*Dr S. J Chopra, Chancellor, University of Petroleum & Energy Studies*

#### MEMBERS

##### NOMINEE OF GOVT. OF UTTARAKHAND

*Principal Secretary (HE), Government of Uttarakhand*

##### FIVE MEMBERS NOMINATED BY HERS

*Mr. Sanjay Kaul, President (HERS), New Delhi*

*Mr Neel Vijay Broker, CEO, Laureate Education India, New Delhi*

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

*Mr. M S. Ramachandran, Former Chairman, IOCL, New Delhi*

*Dr. Arun Nigavekar, Former Chairman, UGC, Pune*

##### NOMINEE OF IIT/IIM/IIS/ISM/IIP NOMINATED BY CHANCELLOR

*Prof. Surendra Prasad, Professor, Department of Electrical Engineering,  
Indian Institute of Technology, New Delhi*

##### THREE ACADEMICIANS NOMINATED BY THE VISITOR

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

*Dr. Swaraj Puri, IPS, Former DGP, Madhya Pradesh*

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

##### THREE NOMINEES OF O & G COS., NOMINATED BY THE CHANCELLOR

*Dr P M S Prasad, President & CEO (Petroleum Business), Reliance Industries, Navi Mumbai*

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

*Dr Anil K. Gupta, Director, Wadia Institute of Himalayan Geology, Dehradun*

#### MEMBER SECRETARY

*Dr Parag Diwan, Vice-Chancellor  
University of Petroleum & Energy Studies*

## BOARD OF MANAGEMENT [2012-2015]

### CHAIRMAN

**Dr Parag Diwan**  
*Vice-Chancellor*  
*University of Petroleum & Energy Studies*

### MEMBERS

#### NOMINEE OF GOVT. OF UTTARAKHAND

Principal Secretary (HE), Government of Uttarakhand

#### FIVE NOMINEES OF HERS

Ms. Deepa Verma, *Director (IA & HR)*

Mr Yudhister Bahl, *CFO Laureate India*

Dr. Kamal Bansal, *Dean CoES*

Mr. Vijay Pahwa, *Sr. Director (Corporate Relations)*,

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

#### NOMINEE OF IIT / IIM / IIS/ ISM / IIP NOMINATED BY CHANCELLOR

Prof Govind J. Chakrapani, *IIT Roorkee*

#### TWO PROFESSORS OF THE UNIVERSITY BY ROTATION ON THE BASIS OF SENIORITY FOR A PERIOD OF 1 YEAR

Mr Utpal Ghosh, *PVC, UPES*

Dr S.P.S Narang, *Associate Dean UPES*

#### TWO DEANS OF THE FACULTIES NOMINATED BY THE CHANCELLOR

Dr. Shrihari, *Campus Director; UPES*

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

### SECRETARY

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

## ACADEMIC COUNCIL [2012-2015]

### CHAIRMAN

**Dr Parag Diwan**  
*Vice-Chancellor*

### MEMBERS

#### PRO-VICE CHANCELLOR

**Mr. Utpal Ghosh, PVC, UPES**

#### DEANS OF THE FACULTIES

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

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

#### TWO PROFESSORS OTHER THAN DEANS BY ROTATION IN ORDER OF SENIORITY

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

**Dr. Subir Ranjan Das, Vice President (Acad. Affairs)**

#### FIVE DISTINGUISHED ACADEMICIANS NOMINATED BY THE VICE CHANCELLOR

**Prof. J.P. Gupta, Advisor (QA), UPES**

**Dr Allan Fisher, Chief Academic Officer, Laureate Education Asia, Malaysia**

**Prof. L. M. Das, Head (Energy Centre), IIT Delhi**

**Dr Sanjay Mittal, Professor, Department of Aerospace Engineering, IIT Kanpur**

**Dr. R.K. Malhotra, Former Director (R&D), IOCL, Faridabad**

#### MANAGEMENT PROFESSIONALS

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

**Mr. Amit Kapur, Partner, J. Sagar Associates**

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

**Mr. Ashutosh Pasricha, Manager, Schlumberger Software Systems Ltd, Gurgaon**

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

**Mr. Ajit Khot, GM, GESCO**

**Mr. R.B. Madhekar, Former Dy. Advisor, Maruti Centre for Excellence, Maruti Suzuki India Ltd., New Delhi**

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

**Mr. Ravi Sundaram, Director, GENGRS Geotechnica Pvt Ltd**

**Mr. Rakesh Sarin, MD, Wartsila**

Mr. A.C. Chaturvedi, *Executive Director (HR), NTPC*  
Mr. Mahendra Kumar Goel, *Management Consultant*

**ONE MEMBER FROM AMONGST THE HEAD OF CONSTITUENT COLLEGES/  
CENTRES TO BE NOMINATED BY THE VICE CHANCELLOR**

Dr. Shrihari, *Campus Director, UPES*

**NOMINEE OF BAR COUNCIL OF INDIA (SPECIAL INVITEE)**

Mr. Vijay Bhatt, *Advocate, Member-BCI Trust, Nainital*

**SECRETARY**

Mr. Abhay Sharma  
*Registrar*

## **FINANCE COMMITTEE [2012-2015]**

### **CHAIRMAN**

**Dr Parag Diwan**

*Vice-Chancellor*

*University of Petroleum & Energy Studies*

### **MEMBERS**

#### **NOMINEE OF GOVT. OF UTTARAKHAND**

*Principal Secretary (HE), Government of Uttarakhand*

#### **PRO-VICE CHANCELLOR**

*Mr. Utpal Ghosh, PVC, UPES*

#### **ONE DEAN ON BASIS OF SENIORITY**

*Dr. Shrihari, Campus Director, UPES*

#### **NOMINEE OF CHANCELLOR**

*Mr. Neel Vijay Broker, CEO, Laureate Education India*

#### **NOMINEE OF HERS**

*Mr. Abhay Sharma, Registrar, UPES*

#### **NOMINEE OF BOARD OF GOVERNORS**

*Mr. Sanjay Kaul, President (HERS)*

### **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

Sl. No.	Meeting No & Date	Major Decisions Taken
1.	BOG/032/FEBRUARY/2014 dated 17 February, 2014	<p>1. Ratified an amount of ₹ 7,47,834/- towards the Donations/Financial Assistants provided to the Uttarakhand Government at times of Natural Calamity/Disaster</p> <p>2. Passed Resolution for Purchase of Proposed Build up area  <i>“The recommendation of the Board of Management, vide its meeting held on 30 January 2014, to purchase approx. 1,70,000 square feet of built up academic &amp; residential area from M/s Data Ram Sons Pvt Ltd is approved. Further, based on recommendation of Board of Management, the Board also approved the draft ‘Agreement to Purchase’ placed before it and the same can be executed by the Registrar on behalf of UPES after obtaining the requisite permissions from the State Government for purchase of additional land.”</i></p> <p>3. Considered and approved the Funding from Bank in order to buy built up area as proposed by Board of Management and passed the following Resolution  <i>“Pursuant to recommendation of Board of Management, the Board approves obtaining term loan from any one or more scheduled banks upto a limit of ₹ 67.50 crores. The same shall be utilized for proposed purchase of built up area. The Board hereby authorizes Vice Chancellor to approve the terms &amp; conditions of Term Loan as may be laid down by bank. The Board also authorizes Finance Officer &amp; Registrar to sign all the documents required to be signed in connection with availing the term loan.”</i></p> <p>4. Approved the proposal to move a motion with the State Government seeking permission for purchase of additional land as appropriate for educational purposes.</p>

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2.	BOG/033/JULY/2014 dated 25 July 2014	<ul style="list-style-type: none"> <li>1. Reviewed the Financial Performance Vis- a Vis Budget estimates of the University for the academic year 2013-14.</li> <li>2. Reviewed and approved the Financial Estimates for II half of calendar year 2014 and resolved “To change the budget year from academic year to calendar year, Since in current calendar year the budget till June 2014 is already approved, the budget for balance period ie. from July 2014 to Dec, 2014 is hereby approved by Financial Committee and recommended to Board of Management for onward transmission to Board of Governors for approval”</li> <li>3. Approved Audited Accounts of UPES for financial year 2013-14.</li> </ul>
3.	Through Circulation	Approved Audited Accounts of UPES for financial year 2013-14.
4	BOG/034/DECEMBER/2014 dated 05 December 2014	<ul style="list-style-type: none"> <li>1. Reviewed and approved the Financial Estimates for the CY 2015</li> <li>2. Approved the Annual Report of UPES for the year 2014 as passed by Board of Management</li> <li>3. Suggested names for invitation as “Guest of Honor” for the Convocation 2015</li> <li>4. Took note of the approval accorded for Audited Accounts of UPES for financial year 2013-14 through Circulation</li> </ul>

## (ii) Board of Management

Sl. No.	Meeting No & Date	Major Decisions Taken
1.	BOM/033/January/2014 dated 2nd January, 2014	<ul style="list-style-type: none"> <li>1. The Board considered and approved the second Addendum to the Long Term Lease Agreement with M/S Data Ram Sons Pvt Ltd for creation of infrastructure facilities. The Board approved the proposal of UPES to lease additional 2,50,000 lakhs sq feet of constructed academic &amp; residential area to meet the requirement of additional student strength during AY 2016-17</li> <li>2. Ratified the appointment of faculty made since November 16, 2013 to December 30, 2013 and Non-Faculty for the period October 1, 2013 to December 20, 2013.</li> </ul>
2.	BOM/034/JANUARY/2014 Dated 30 January 2014	<ul style="list-style-type: none"> <li>1. Reviewed the Proposed Built Up Area Agreement for approx. 1,70,000 sq.ft with Data Ram Sons Pvt Ltd along with a proposal seeking permission from State Govt for buying additional land and recommended the same for approval by Board of Governors. Approved the contracts/MOUs executed during August 2013 to January 2014.</li> <li>2. Considered funding from Bank to buy Built Up Area and recommended the same for approval by the Board of Governors.</li> <li>3. Concurred with the proposal to enter into Pre-Emptive Right Agreement for future Built Up area with M/s Data Ram Sons Pvt Ltd and recommended the same for approval by the Board of Governors.</li> </ul>

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		<ul style="list-style-type: none"> <li>4. Ratified the appointment of faculty made since January 1, 2014 to January 10, 2014 and leaving/relieving for the period 03 September 2013 to 24 Jan 2014.</li> <li>5. Approved Contracts/MoUs executed by the University from August 2013 to January 2014.</li> </ul>
	BOM/035/July2014 dated 24 July 2014	<ul style="list-style-type: none"> <li>1. Reviewed the Financial Performance Vis- a Vis Budget estimates of the University for the academic year 2013-14.</li> <li>2. Reviewed the Financial Estimates of the University for II half of calendar year 2014 and resolved : “To change the budget year from academic year to calendar year, Since in current calendar year the budget till June 2014 is already approved, the budget for balance period i.e. from July 2014 to Dec, 2014 is hereby approved by Financial Committee and recommended to Board of Management for onward transmission to Board of Governors for approval”</li> <li>3. Ratified the senior appointments/termination made in the University from January 11, 2014 to July 10, 2014.</li> <li>4. Endorsed the appointment of Mr Yudhiser Bahl, CFO, Laureate Education, India and Dr Kamal Bansal, Dean, COES on the Board for the residual term, i.e. up to 31<sup>st</sup> August, 2015.</li> <li>5. Approved the contracts/MOUs executed during January to July, 2014.</li> </ul>
	BOM/036/September 2014 dated 19 Sep 2014	<ul style="list-style-type: none"> <li>1. Recommended the Audited Accounts of UPES for Academic Year 2013-14 for consideration and approval by the Board of Governors.</li> <li>2. Approved the enhancement of fee for B.Tech (Mechanical Engg) and for all New Programmes effective from academic year 2015-16 with annual hike of 7% YoY.</li> <li>3. Approved enhancement in Other Fees Industrial Tour, Hostel, Transportation, PDP, Convocation Fee, Girls Accommodation effective 2015-16</li> </ul>
	BOM/037/December 2014 dated 3 <sup>rd</sup> December	<ul style="list-style-type: none"> <li>1. Reviewed the Financial estimates of the University for Calendar Year 2015 and recommended the same for approval by the Board of Governors.</li> <li>2. Ratified the appointment of Statutory Auditors for the year 2014-15.</li> <li>3. Ratified the senior appointments/termination made in the University from 10<sup>th</sup> July, 2014 to 13<sup>th</sup> October, 2014.</li> <li>4. Accorded the approval to the contracts/MoUs excuted during July 2014 to October, 2014.</li> <li>5. Considered the “Draft Annual Report 2013-14” of University and recommended the same for approval by Board of Governors</li> </ul>

### (iii) Academic Council

Sl. No.	Meeting No & Date	Major Decisions Taken
1.	AC/021/MAY/2014 dated 24 May 2014	<ol style="list-style-type: none"> <li>1. Approved the revised intake capacity for Academic Programmes offered from Academic Session 2014-15</li> <li>2. Approved introduction of B.Plan, BFA and MS in Innovation &amp; Entrepreneurship effective academic session 2014-15</li> <li>3. Approved the introduction of 1 year Lateral Entry M.Sc. Geology programme from Academic Session 2014-15.</li> <li>4. Ratified changes in the course curricula of the following existing B.Tech programmes, M.Tech programmes, MBA &amp; Law program and also approved change in Nomenclature of B.Tech Computer Science &amp; Engineering with Specialization in Retail Automation to B.Tech Computer Science &amp; Engineering with Specialization in E-Commerce with immediate effect</li> <li>5. Approved introduction of M.Tech (Unmanned Aerial Vehicles)/ M.Tech (Structural Engineering) with specialization in Offshore Structures; B.Tech Computer Science &amp; Engineering with specialization in Graphics and Gaming Theory/IT Project &amp; Risk Management/Manufacturing Systems; M. Plan (Urban Design / Building Engg / Environmental Planning); BA / M.A. (Public Policy &amp; Administration) embedded with UPSC IAS Preparation; M.A. (Criminal Law &amp; Justice / International Affairs) embedded with UPSC IPS Preparation; 1 year LLM in International Law effective Academic Session 2015-16</li> <li>6. Approved the intake and eligibility criteria of new and existing programmes to be offered from academic session 2015-16</li> <li>7. Approved Amalgamated “Regulations Governing Programmes Leading to the Award of the Degree of Doctor of Philosophy, 2014”</li> <li>8. Approved results of batches graduating in 2014 including Ph.D and award of medals to meritorious students</li> <li>9. Approved the Constitution of the Admission Supervision Committee (College wise) for the academic year 2014-15 and 2015-16.</li> <li>10. Approved the minor amendments in the “Examination and Allied Provisions, Regulations, 2003”</li> <li>11. Approved the proposal put forth by the Centre for Continuing Education to offer Modular programs (Diploma in Management, Advance Diploma in Management, Professional Diploma in Management, MBA) in the Online distance learning mode with multiple entry exit options with effect from 01 July 2014.</li> <li>12. Approved the proposal put forth by the Centre for Continuing Education to offer Certificate, Diploma and PG Diploma Modular / Group programs in the On line distance learning mode with multiple entry exit options with effect from 01 July 2014</li> </ol>

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2.	AC/022/NOVEMBER/ 2014 dated 01 November, 14	1 Ratified admissions to various programmes during 2014-15. 2 Approved the draft Information Bulletin 2015-16 3 Approved the course syllabi of the new programmes to be offered from Academic Session 2015-16 4 Approved the online entrance examination mode for MBA and Law Programs being offered in Academic Session 2015-16 5 Approved the following two policies <ul style="list-style-type: none"> <li>• Eligibility and Admission criteria for domiciled student</li> <li>• Scholarship &amp; Fee concession for M.Des students               <ul style="list-style-type: none"> <li>• 50% scholarship on 1st year tuition fee Such Scholarship will be limited to only 10% of total admissions in each M.Des program.</li> <li>Eligibility Criteria                   <ul style="list-style-type: none"> <li>• Minimum 65% in 10th, 12th and Graduation</li> <li>• Minimum 35 marks in CEED exam or 60 in UPES-DAT</li> <li>• Annual family income should not exceed ₹ 6 lacs</li> </ul> </li> <li>• 25% scholarship on 1st year tuition fee Such Scholarship will be limited to only 25% of total admissions in each M.Des Program.</li> <li>Eligibility Criteria                   <ul style="list-style-type: none"> <li>• Minimum 60% in 10th, 12th and Graduation</li> <li>• Minimum 30 marks in CEED exam or 50 in UPES-DAT</li> <li>• Annual family income should not exceed Rs 6 lacs</li> </ul> </li> </ul> </li> </ul> 6 Considered and approved 1- year Global Energy MBA Program to be offered in collaboration with Indian School of Mines (ISM), Dhanbad and University of Houston, Texas, USA 7 Considered and approved the shorter duration online Post Graduate MBA in Entrepreneurship & Family Business. 8 Approved the minor amendments in the "CCE Examination & Allied Provisions, Regulations 2011." 9 Ratified the change in nomenclature of the following existing and New Programs <ul style="list-style-type: none"> <li>• B.Tech (Computer Science &amp; Engineering) spec in Retail Informatics/E-commerce to B.Tech (Computer Science &amp; Engineering) with spec in E-Commerce, Retail &amp; Automation.</li> <li>• B.Tech (Instrumentation &amp; Process Control Engg) to B.Tech (Instrumentation &amp; Control Engg)</li> <li>• B.Tech (Computer Science &amp; Engg) spec in Graphics &amp; Gaming Theory to B.Tech (Computer Science &amp; Engg) spec in Graphics &amp; Gaming.</li> <li>• M.Tech (Unmanned Aerial Vehicles) to M.Tech (Aerospace Engg) spec in Unmanned Aerial Vehicles.</li> <li>• M.Plan (Building Engg) to M.Tech (Building Engg &amp; Mgmt)</li> <li>• Masters in Energy Economics to MA (Energy Economics)</li> </ul> 10 Approved program on BBA (Digital Marketing) to be offered from Academic Session 2015-16
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#### (iv) Finance Committee

Sl. No.	Meeting No & Date	Major Decisions Taken
1.	FC/001/January/ 2014 Dated 2 <sup>nd</sup> January, 2014	<p>1. Approved the names of the following officials as additional signatories in all the bank account of UPES to approve the payment exceeding ₹ 25 lakhs</p> <ul style="list-style-type: none"> <li>(i) Dr. Parag Diwan</li> <li>(ii) Mr. Yudhister Bahl</li> </ul>
2.	FC/002/January/2014 Dated 30 <sup>th</sup> January, 2014	<p>1. Approved Built up area purchase agreement for Approx. 1,70,000 sq.ft. along with a proposal seeking permission from the State Govt for buying additional land and recommended the same for approval by Board of Management.</p> <p>2. Considered furring from Bank to buy Built up Area and recommended the same for approval by Board of Management.</p> <p>3. Concurred with the proposal to enter into Pre-Emptive Right Agreement for future Built Up area with M/s Data Ram Sons Pvt Ltd and recommended the same for approval by the Board of Management.</p>
3.	FC/003/JULY/ 2014 Dated 24 <sup>th</sup> July 2014	<p>1. Reviewed Financial Performance vis-à-vis budget estimates of the University for the Academic Year 2013-14.</p> <p>2. Considered the Financial Estimates of the University for II half of calendar year 2014 and Resolved: "To change the budget year from academic year to calendar year, since in current calendar year the budget till June 2014 is already approved, the budget for balance period i.e. from July 2014 to Dec, 2014 and recommended to Board of Management and Board of Governors for Adoption"</p> <p>3. Took note of the proposed Infrastructure Development at Kandoli Campus.</p> <p>4. Approved the revised financial authorities as per decision matrix effective from August 1, 2014 to various functionaries of the University.</p>
4.	FC/004/SEPTEMBER/2014 dated 16 September 2014	<p>1. Considered the Audited Accounts for the Financial Year 2013-14 be placed for further review before the Board of Management and thereafter with its recommendations for adoption by the Board of Governors.</p> <p>2. Considered recommendation of the Fee Committee for enhancement of Course Fee for B.Tech (Mechanical) and for all new programs effective Academic Session 2015-16 including other fees i.e. Industrial Tour, Hostel, Transportation Fee, PDP Fee, Convocation Fee, Girls Accommodation.</p>
5	FC/005/DECEMBER/2014 Dated 03, December, 2014	<p>1. Considered the Financial Estimates of the University for II half of calendar year 2015 and recommended to Board of Management and Board of Governors for Adoption</p> <p>2. Considered &amp; recommended the Re-appointment of Statutory Auditors for the year 2014-15 the Board of Management for approval.</p> <p>3. Noted payment Building Cess to Labour Department for payment of under "The Building &amp; Other Construction Workers Welfare Cess Act 1996" applicable in the State of Uttarakhand from 25 June 2005 till 31 March 2014.</p> <p>4. Approved Change in Authorized Signatory for operating Bank Locker maintained with OBC, Dehradun.</p>

## UPES'S CONTRIBUTION TO THE DEVELOPMENT OF THE STATE OF UTTARAKHAND

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### 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 of Uttarakhand, University extended fee concession to the students under different category to the tune of ₹ 71, 44,941/- lakh during the financial year 2013-14.

### Scholarships

In addition, UPES disbursed an amount of ₹ 1,01,64,476/- lakhs towards Scholarships to meritorious students during the financial year 2013-14.

### 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.

#### MNRE (Ministry of New & Renewable Energy)

UPES in association with MNRE/CWET (Centre for Wind Energy Technology, Chennai) has installed the 88th Solar Radiation Resource Assessment (SRRA) establishment at the campus. As per the signed MoU with CWET, UPES is allowed to harness this data for R&D usage. With this facility, the R&D team has access to various weather parameters (recorded by SRRA site) for future research.



#### CSIR-IIP (Indian Institute of Petroleum), Dehradun

To identify, develop & promote joint activities of interest to petroleum industry education, UPES has signed a MoU with IIP, Dehradun to conduct collaborative R&D programs. The objective of this MoU is to enhance engineering skills for implementing new developments in petroleum technology.



#### CSIR-CBRI (central Building Research Institute), Roorkee

Continuing our efforts to develop partnerships with Uttarakhand based organizations UPES has signed an MoU with CSIR-CBRI (Central Building Research Institute), Roorkee. CSIR-CEERI (Central Electronics Engineering Research Institute), Pilani.

This MoU was signed with CSIR-Central Electronics Engineering Research Institute on the 3rd of March, 2014. UPES and CEERI have agreed to undertake joint sponsored research projects in the areas of MEMS,

Microfluidics, Power Electronics and Embedded Systems. The agreement encouraged exchange visits of staff and students to utilize their facilities and conduct research work, besides organizing training programs and conferences.

### **Indian Oil Corporation Ltd**

In order to bring the benefit of cutting edge research & technology, Infrastructure and knowledge to the UPES fraternity, a MoU between IOCL & UPES was signed. The key objectives of this MoU are promotion of hydrocarbon education research and encouraged innovation in downstream petroleum research projects.



### **Samsung Engineering India Pvt Ltd.**

UPES has signed a MoU with Samsung Engineering India Private Ltd. a well known EPC major, present in 38 countries. Attracting talent from around the world, Samsung Engineering has broadened its business portfolio to a full range of engineering services in Refinery, Gas, Petro-Chemical, Hydrocarbon, Upstream, Power, Industrial Facilities & Water Treatment and with this agreement a new chapter is going to open in UPES history again.



This MOU would provide industrial exposure to students by way of internships, projects, industrial visits etc. Besides considering UPES as a preferred Campus for recruitments, Samsung

engineering would also nominate experts to deliver guest lectures, industry orientation, joint R&D and consultancy projects, MDP programs & practical training to the UPES faculty. Samsung would also provide guidance from an industry perspective for design & modification in course curriculum of the undergraduate/post graduate degree programs through their SMEs.

### **Indian Air Force**

"Touching the Sky with Glory" with the Indian Air Force wings strengthened by the "Nation Builders University," has became a reality with the signing of a MoU between the Indian Air Force and UPES. This MoU would facilitate joint research and design customized programs for the IAF officers at UPES.



### **Confederation of Indian Industry**



A MoU was signed between UPES and CII to provide a better understanding in implementing co-operative programs and activities by regularly organizing seminars, conferences, lectures and workshops in the fields of mutual interests along with cooperative and sponsored research activities. The implementation of this MoU would provide benefits to the industry in capacity building of their HR as well as UPES by way of increased industry exposure to students and faculty.



## CYIENT

Hyderabad-based Global Engineering Services company, CYIENT (formerly known as Infotech Enterprises Limited) signed a MoU with UPES for knowledge exchange.

The MoU was signed by Mr. B Ashok Reddy, Global HR and Corporate Affairs President, Cyient and Dr. Parag Diwan, Vice Chancellor, UPES, at their Manikonda facility in Hyderabad.



## IBM India Pvt. Ltd

UPES and IBM India have embarked on a unique partnership to reinvent IT education in the country at the graduate level through the establishment of Centre for Information Technology (CIT) at UPES campus. This partnership is unique and pioneering as this is the first time in the world, IBM has tied up with a university to offer co-branded super specialized programs.

## Larsen & Toubro



Cooperation MoU was signed between L&T Information and Technology Ltd and UPES. The scope of this MoU included recruitment of trainees, participation in business consulting assignments for Upstream, Refining, Distribution and Retail. Participation in the research work being carried out by UPES including the funding for selected research projects on case-to-case basis is also covered under the scope of this understanding.

## Schlumberger

Faculty Development Programs, Live Projects, Internships & New Projects in the areas of Petroleum Technology are encouraged under this agreement signed with Schlumberger. This served as a platform to share experience, thinking and learning between the two organizations.



## Mahindra Satyam

Aimed at facilitating joint research, development projects and consultancies for mutual interests, UPES



signed an agreement with Mahindra Satyam. The agreement entailed academic gains for students and faculty of engineering disciplines benefitting them with industrial exposure and acquire practical competencies through trainings from Mahindra Satyam's experts. In turn, UPES would design Certificate programs and conduct training sessions for the engineers at Mahindra Satyam.

**Bosch Rexroth**

Bosch Rexroth has jointly set-up "Centre of Excellence for Training and Research in Automation Technologies" at UPES in order to promote active industry-educational institutions' partnership. The main objective of the Centre is to provide technical competence, employability and entrepreneurship for students who would be trained at the Centre. The Centre also encouraged students to pursue post-graduation, and doctoral and research programs



## 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

### CANADA

Wilfrid Laurier University, Waterloo, Ontario, Canada

Centennial Energy Institute, Toronto, Ontario, Canada

University of Waterloo, Waterloo, Ontario, Canada

University of Alberta, Alberta School of Business, Edmonton, Alberta, Canada

Carleton University, Ottawa, Canada

Seneca College of Applied Arts & Technology, Toronto, Canada

Confederation College of Applied Arts & Technology, Thunder Bay, Ontario, Canada

University of Calgary, Calgary, Alberta, Canada

## UNITED STATES OF AMERICA

Marist College, Poughkeepsie, NY, USA

University at Albany of State University of New York, Albany, NY, USA

Clemson University, Clemson, South Carolina, USA

## BRAZIL

Mackenzie Presbyterian University, Sao Paulo, Brazil

## FRANCE

University of Pau et des Pays de l'Adour, Pau, France

Ecole Nationale Supérieure de Mécanique et des Microtechniques (ENSMM), Besançon, France

Ecole des Mines de Nantes, Nantes, France

Polytech Orleans, University of Orleans, Orleans, France

'n+ii' Network of Engineering Institutes, France

## NORWAY

Narvik University College, Narvik, Norway

## GERMANY

University of Applied Sciences, Faculty of Business & Law, Frankfurt, Germany

## ROMANIA

Petroleum - Gas University of Ploiesti, Ploiesti, Romania

## SLOVENIA

Faculty of Economics and Business Studies, University of Maribor, Maribor, Slovenia

## UNITED KINGDOM

University of Dundee, Centre for Energy, Petroleum and Mineral Law and Policy, Dundee, Scotland, UK

University of Aberdeen, Aberdeen, Scotland, UK

Coventry University, Coventry, England, UK

University of Central Lancashire, Lancashire, England, UK

**KENYA**

Kenyatta University, Nairobi, Kenya

University of Nairobi, Nairobi, Kenya

**AUSTRALIA**

University of Technology, Sydney, Australia

**SINGAPORE**

Singapore Management University, International Trading Institute, Singapore

**RUSSIA**

Russia-India Science & Technology Centre, Moscow, Russia

The New Russian University, Moscow, Russia

Tomsk State University, Tomsk, Russia

The South West State University, Kursk, Russia

Gubkin Russian State University of Oil & Gas, Moscow, Russia

**BANGLADESH**

University of Dhaka, Dhaka, Bangladesh

**CHINA**

China University of Petroleum, Beijing, China

**IRAN**

Petroleum University of Technology, Abadan, IR of Iran

**JAPAN**

Tsukuba University, Tokyo, Japan

**KOREA**

Kyungpook National University, Korea

Research Institute of Advanced Technology, Kyungpook National University, Korea

## PROGRAMMES SPECIFICALLY ORGANIZED FOR DEVELOPMENT OF UTTARAKHAND STATE

### COMMUNITY DEVELOPMENT PROGRAMME

#### Adoption of Girl Child

Believing on "Education is Freedom", UPES have adopted 45 girls from the nearby village's viz. Bidholi, Bishenpur, Upper Kandoli, Pondha,Dunga, MasrajPatti and Bakarna which are located within 10 km radius from UPES Campus to help them in their educational progress. CSR, UPES fondly adore these girls as "UPES DAUGHTERS".



UPES Daughters were taken to Movie to see Mary Kom on 25th September, 2014.





## Infrastructural and Academic Support

UPES provides continuous infrastructural and academic support to the primary schools of the above mentioned villages. UPES provided Utensils to the primary schools for the Mid-Day Meal scheme, Black boards and white boards for classroom teaching, Desk and benches for the classroom, Mats for classroom, Almirah and Computer systems to these schools.

## Computer Teaching

CSR, UPES provides Computer Teaching to the primary school children on regular basis. Other than enhancing computer literacy, it is also good moral booster for the underprivileged students.



## Project Sankalp

Under this Project, UPES students, on every Saturday, reach primary schools (Bidholi, Bishenpur, Upper Kandoli, Paundha and Dunga). The project aims to support and strengthen the school system to enable the underprivileged children cope with school work, enhance the quality of education through interactive teaching of the above subjects and develop inter-personal skills of the children. In addition to teaching, tests are regularly conducted for the students to evaluate their performance.



## SUSTAINABLE LIVELIHOOD AND WOMEN'S EMPOWERMENT

To make the village women self-reliant and to increase their status in the house, income generation by them becomes important. Keeping this in mind, CSR, UPES conducted a number skill development workshops for the village women.

### Candle Making

The women were trained to make candles and provided a market in UPES campus before Diwali. This income generation opportunity gave a boost to the village women.



### Fruit Preservation

Another such drive done by CSR, UPES to increase the self-employment skill was a training workshop on Fruit Preservation for the village women. This workshop was conducted with the help of Women Initiative for Self Employment (WISE) under Himalayan Environment Studies and Conservation Organization (HESCO).

### Tailoring Skill

Another training program on "Tailoring Skill" was conducted for the village women. The training was imparted to the villagers by a sixteen year old girl "KAMLA" hailing from Almora district of Uttarakhand.



### Villagers Green Income Generation Program

The villagers were supplied with materials (old Newspaper from UPES Library and other wastes) and the technique for making paper bags and then provided the opportunity of selling those bags for income generation program for village women.



## Diya Decoration, Making of Soft Toys

These trainings are aimed at providing them with means of income generation. The trainings were conducted by UPES faculty members. A number of stalls were opened at UPES campus itself by the village women so that UPES family members including the students could purchase the diyas and the profit went to these village women. The women got immensely motivated from this income generation programme.



## Project 'Abhilasha'

Under this project, coaching classes were conducted for class XI standard students from 24th May to 10th June, 2014. 22 students approached us for the coaching classes from various districts of Uttarakhand viz., Rudraprayag, Pauri, New Tehri, Kotdwara, Khatima, Dehradun etc. These students would be again given refresher course next year in 2015 before the JEE.

## Project Samvedna

CSR, UPES, has undertaken Project 'Samvedna' as an initiative to open the day school to provide education to the children belonging to the workforce engaged in the construction work in the University campus. The objective of this project is to identify and create educational opportunities for kids who do not get a chance to attend schools. UPES opened two day schools at its campus for these children. 50 children attended these schools, besides free education. The day school also provided books, stationery items to the children. It also provided hygienically-cooked mid-day meals specially catered for the students from our regular university cafeteria.



## Makhti Pokhri School

CSR-UPES provides support to the Makhti Pokhri School (near Chakrata), located 100 kms from the campus, which had started with only 10 students in 1986 and today has 250 children from BPL (below poverty line) families including 70 girls drawn from 27 villages located from 2.5 to 7 kms. Members of UPES family visited the school often to see the progress of these students in their computer skills.

## **DEVANSHI PUBLIC SPORTS SCHOOL (DPSS), NAINBAGH DISTT.**

UPES provided financial support to restore the functioning of Devanshi Public Sports School located in Nainbagh, which was severely affected by the devastating natural calamity that struck the state of Uttarakhand in June, 2013. The school building was severely damaged, thereby disrupting its functioning because of which local students suffered adversely. UPES came forward to provide financial support in the form of capital expenditure and operating expenses of the school. This support also incorporated regular monitoring of the progress of the school having classes from Nursery to VIII with the present strength of 118 students including 35 girls. UPES is also supporting the rehabilitation work of the school and has already extended financial support worth approximately ₹ 2,00,000/- (Rupees two lakhs). UPES has also provided computers with printers, drinking water purifier system, steel cupboard, musical instruments, a public address (PA) system, doormats and white board. UPES has also committed to donate a diesel/petrol generator to support the functioning of computers in the school.

## **SARASVATI VIDYA MANDIR, MANDUWALA**

UPES provided a water cooler and R.O. (reverse osmosis) water purifier system to this school. This school has 275 students drawn from Bidholi, Paundha, Bishanpur, Kandoli (upper and lower), Gosai Goan and Dunga.

## **HEALTH AND MEDICAL CARE**

Recognizing the importance of promotive, preventive and curative health care, UPES took several initiatives related to health. Periodically health camps like General Health Check-up Camps, Gynecology Camps, Eye Check-up Camps at villages around UPES as well as at the UPES campus were organized. Free medical consultation and medicines were provided by highly qualified and dedicated doctors.

### **Mobile Medical Van**

UPES launched a Mobile Medical Van (MMV) service for villages in its vicinity. The MMV, manned by a qualified doctor, functions as a mobile clinic to conduct general health check-ups and provided free medicines. The MMV visited the villages every other Saturday. In 2013, as many as, 1,400 patients and till September 2014, approximately 1,000 patients drew benefit of this initiative.

### **Annual Blood Donation Camp**

The Annual Blood Donation Camp of UPES was organized on 26th, 27th & 28th February, 2014. Till date UPES has donated 6670 units of blood. For three consecutive years, i.e. from 2009 to 2011, UPES held the distinction of the maximum number of blood units donated by any single educational institution in Uttarakhand and Western Uttar Pradesh.



### Year Wise Details of Donated Blood Units

S.No.	Academic Year	Units Donated
1	2007-08	266
2	2008-09	734
3	2009-10	1312
4	2010-11	1112
5	2011-12	879
6	2012-13	1366
7	2013-14	1001
	<b>Total</b>	<b>6670 Units</b>

### Electricity and Water

Basic amenities such as supporting infrastructure for potable water systems, water storage tanks, electricity etc were provided in the village.

- **Road Lighting Project:** There are no streetlights in the forest area stretching for 9 kms from Nanda ki Chauki to UPES. UPES had partially financed an electrification project initiated by the Gram Pradhan, Bidholi for electrification of this stretch holding 5 villages, namely Bidholi, Paundha, Bishenpur, Kandoli (upper and lower) and Gosai Goan. UPES has committed ₹ 50,000/- per month as recurring operational expenses for maintaining this electrification.
- **Solar Light Project, Motor For Underground Water:** Gosai Goan, located at a distance of about 3 kms from UPES on the road to Nanda ki Chawki, was selected by UPES for installation of a Solar LED to light the temple area.

### Environment Protection

UPES aims to make a positive contribution to protect the environment and contribute towards energy conservation. To achieve this objective, the thrust areas were:

- (i) **"Say No to Plastics" Drive:** Awareness campaigns was organized by UPES in an attempt to persuade people to avoid using plastic bags in their day-to-day activities and instead develop the habit of using cloth bio-degradable bags. Cloth bags were also distributed out during these campaigns to promote the idea.
- (ii) **Tree Plantation Programme:** UPES organized and encouraged tree plantation drives at the premises of primary schools of Bidholi, Bishenpur, Upper Kandoli, Paundha and Dunga villages with the active involvement of its staff and students. The values of the medicinal plants viz. Amala, Neem, Tulsi etc. were explained along with the methods of nurturing them. As of June 2014, about 100 saplings were planted.

### Legal Aid Clinic

UPES has set up a Legal Aid Clinic in its campus. The UPES Legal Aid Clinic trains students to use their knowledge of law to provide free legal aid to those who are most in need of it in various ways. The functions

of the Legal Aid Clinic are preventive, remedial, activist and reformative. Awareness is spread in the community about the legal rights and duties of citizens.

The UPES Legal Aid Society organized legal literacy and legal aid camps largely in rural and socio-economically backward areas, local schools and local community centres. These camps informed the citizens about their legal rights, legal institutions and social-welfare legislations which are meant for their economic and social benefit. Such camps were organized in Lower Kandoli and Doonga Villages where students of the College of Legal Studies presented skits to bring out various facets of social welfare legislations.

## ACADEMIC REPORT

### **ACADEMIC PROGRAMMES OFFERED IN 2014-15**

<b>College of Management &amp; Economic Studies</b>
MBA (Oil & Gas Mgmt)
MBA (Energy Trading)
MA in Economics (specialization in Energy Economics)
MBA (Power Management)
MBA (Aviation Management)
MBA (Port & Shipping Management)
MBA (Infrastructure Management)
MBA (Logistics & Supply Chain Management)
MBA (International Business )
MBA (Business Analytics)
BBA (Oil & Gas Marketing)
BBA (Aviation Operations)
BBA (Logistics Management)
BBA (Auto Marketing)
BBA (Financial Services & Marketing)
BBA (Foreign Trade)
BBA (Retail Management)

<b>College of Engineering Studies</b>
B. Tech (Applied Petroleum Engg) with Upstream Specialization
B. Tech (Applied Petroleum Engg) with Gas specialization
B. Tech (Chemical Engg.) with specialization in Refining & Petrochemical
B. Tech (Geo-Informatics Engg.)
B. Tech (Geo Science Engg.)
B.Tech (Mining Engg)
B. Tech (Power System Engg.)
B. Tech (Aerospace Engg.)
B. Tech (Aerospace Engg.) with specialization in Avionics
B. Tech (Civil Engg.) with Specialization in Infrastructure Development
B.Tech (Electronics Engg.)
B.Tech (Electrical Engg)

Contd...

B.Tech (Mechatronics Engg.)
B.Tech (Material Science Engg) with specialization in Nanotechnology
B.Tech (Fire Safety Engg)
B.Tech (Production & Industrial Engineering)
B.Tech (Instrumentation & Engg Control)
B.Tech (Mechanical Engineering)
B.Tech (Automotive Design Engg)
B.Tech (Computer Science & Engg) with specialization in Mainframe Technology
B.Tech (Computer Science & Engg) with specialization in Oil & Gas Informatics
B.Tech (Computer Science & Engg) with specialization in Open Source & Open Standards
B.Tech (Computer Science & Engg) with specialization in Cloud Computing & Virtualization Technologies
B.Tech (Computer Science & Engg) with specialization in Telecom Informatics
B.Tech (Computer Science & Engg) with specialization in Business Analytics and Optimization
B.Tech (Computer Science & Engg) with specialization in Retail Automation
B.Tech (Computer Science & Engg) with specialization in IT Infrastructure
B.Tech (Computer Science & Engg) with specialization in Security & Cyber Forensics
B.Tech (Computer Science & Engg) with specialization in Banking, Financial Services & Insurance
M.Tech (Health, Safety, Environment Engg)
M.Tech (Pipeline Engg.)
M.Tech (Chemical Engg) with specialization in Process Design Engg
M.Tech (Petroleum Exploration)
M.Tech (Energy Systems)
M.Tech (Computational Fluid Dynamics)
M.Tech (Robotics Engineering)
M.Tech (Disaster Management)
Match (Power Distribution) with spec in Smart Grids
M.Tech (Renewable Engg)
M.Tech (Embedded Systems) with spec in Wearable Technology
M.Tech (Rotating Equipment)
Match (Nuclear Science & Technology)
Match (Artificial Intelligence & Artificial Neural Networks)
M.Des (Transportation Design)
M.Des (Industrial Design)

## QUALITY INTAKE MEASURES: ADMISSIONS (2014-15)

- A well-planned thematic advertising campaign aimed at creating awareness and preference for various program groups offered by UPES - BBA, MBA, B. Tech, M.Tech and Law. The campaign ran in newspapers, FM radio as well as in social media, supported by a series of on-ground initiatives - school and college contact programs, participation in education fairs and special events.
- Consistent emails and SMS campaign aimed at prospective students as well those who had taken early admissions. Regular updates on placements, relevant sector news and selection process event dates.
- 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

## ENROLMENTS IN 2014-2015

Programme	Approved Intake	Registered
<b>COLLEGE OF ENGINEERING STUDIES</b>		
B. Tech (Applied Petroleum Engg.) with Upstream specialization	60	65
B.Tech (Applied Petroleum Engg.) with Gas Specialization	60	63
B.Tech (Chemical Engg.) with specialization in Refining & Petrochemical	50	57
B.Tech (Geo Informatics Engg.)	50	54
B.Tech (Geo Science Engg.)	50	48
B.Tech (Power System Engg.)	70	74
B.Tech (Aerospace Engg.)	30	36
B.Tech (Aerospace Engg.) with specialization in Avionics	30	36
B.Tech (Automotive Design Engg.)	70	79
B. Tech (Civil Engg) with specialization in Infrastructure Development	60	70
B. Tech (Electronics Engg.)	60	63
B.Tech (Instrumentation & Control Engg)	40	26
B.Tech (Mechatronics Engg.)	60	71
B.Tech (Material Science) with specialization in Nanotechnology	40	46
B.Tech (Mechanical Engineering)	70	74
B.Tech (Fire Safety Engg.)	50	52

Contd...

B.Tech (Electrical Engg)	70	76
B.Tech (Production & Industrial Engg)	40	45
B.Tech (Mining Engg)	40	42
B.Tech (Computer Science & Engg) with specialization in Mainframe Technology	60	47
B.Tech (Computer Science & Engg) with specialization in Oil & Gas Informatics	60	71
B.Tech (Computer Science & Engg) with specialization in Open Source & Open Standards	70	75
B.Tech (Computer Science & Engg) with specialization in Cloud Computing & Virtualization Technologies	60	61
B.Tech (Computer Science & Engg) with specialization in Telecom Informatics	50	55
B.Tech (Computer Science & Engg) with specialization in Business Analytics and Optimization	60	72
B.Tech (Computer Science & Engg) with specialization in IT Infrastructure	60	66
B.Tech (Computer Science & Engg) with specialization in Retail Automation	40	28
B.Tech (Computer Science & Engg) with specialization Banking, Financial Services & Insurance	60	52
B.Tech (Computer Science & Engg) with specialization in Security & Cyber Forensics	60	70
Bachelor of Design	80	27
<b>Total B.Tech &amp; B.Des</b>	<b>1660</b>	<b>1701</b>
M. Tech (Health, Safety, Environment)	40	40
M. Tech (Energy System)	25	26
M. Tech (Pipeline Engg.)	25	25
M. Tech (Chemical Engg) with spl in Process Design Engg	20	22
M. Tech (Petroleum Exploration)	25	26
M.Tech (Robotics)	10	9
M.Tech (Computational & Fluid Dynamics)	20	21
M.Tech (Artificial Intelligence) Artificial Neural Networks	10	10
M.Tech (Disaster Management)	10	9
M.Tech (Nuclear Science & Technology)	15	12
M.Tech (Renewable Energy Engg)	20	18
M.Tech (Embedded Systems) with spec in Wearable Technology	10	9
M.Tech (Power Distribution) with spec in Smart Grids	15	15
M.Tech (Rotating Equipment)	20	20
M.Des Transportation Design	20	10
M.Des Industrial Design	15	10
<b>Total M.Tech &amp; M.Des</b>	<b>300</b>	<b>282</b>
<b>COLLEGE OF MANAGEMENT &amp; ECONOMIC STUDIES</b>		
BBA (Oil & Gas Marketing)	60	56
BBA (Aviation Operations)	40	36
BBA (Logistics Management)	50	39
BBA (Auto Marketing)	30	17

Contd...

BBA (Foreign Trade)	40	38
BBA (Retail Management)	30	14
BBA (Financial Services & Marketing)	50	50
<b>Total BBA</b>	<b>300</b>	<b>250</b>
MBA (Oil & Gas Mgmt)	80	83
MBA (Aviation Management)	40	35
MBA (Power Management)	60	40
MBA (International Business)	70	67
MBA (Port & Shipping Management)	35	35
MBA (Infrastructure Mgmt)	20	15
MBA (Energy Trading)	40	29
MBA (Logistics & Supply Chain Management)	80	88
MBA (Business Analytics)	30	26
MA in Economics (spc in Energy Economics)	30	10
<b>Total MBA, MA</b>	<b>485</b>	<b>428</b>
<b>COLLEGE OF LEGAL STUDIES</b>		
B.A., LLB (H) with emphasis on Energy Laws	120	125
BBA, LLB (H) with emphasis on Corporate Law	60	65
B.Com, LLB (H) with emphasis on Taxation Law	120	70
B. Tech. Energy Technology + LLB with emphasis on Intellectual Property Rights	60	27
B. Tech. Computer Science Engineering + LLB with emphasis on Cyber Laws	60	46
<b>Total BA, BBA, B.Tech, B.Com LLB</b>	<b>420</b>	<b>333</b>
LLM Energy Laws	20	10
<b>Total LLM</b>	<b>20</b>	<b>10</b>
<b>GRAND TOTAL</b>	<b>3185</b>	<b>3004</b>

## DOCTORAL PROGRAMMES

Discipline	Registered			
	January 2014		July 2014	
	Pre PhD	Pre PhD	Pre PhD	Pre PhD
Engineering	23	5	13	NIL
Management	21	9	23	NIL
Science	6	5	10	NIL
Law	NIL	2	1	NIL
Others	1	NIL	NIL	NIL
<b>TOTAL</b>	<b>51</b>	<b>21</b>	<b>47</b>	<b>NIL</b>

## ACADEMIC PROGRESSION

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

Name of the Programme	Students Appeared	Students Graduated
<b>2012-2014 batch</b>		
MBA (O&G)	59	56
MBA (PM)	58	56
MBA (AM)	38	34
MBA (IBM)	45	39
MBA (LSCM)	58	46
MBA (P & Sh.)	21	17
MBA (ET)	31	26
MBA (IFM)	15	15
MBA (ISM)	18	18
<b>2011-2014 batch</b>		
BBA (Oil & Gas Marketing)	32	30
BBA (Aviation Operations)	26	26
BBA (Logistics Marketing)	38	34
BBA (Auto Retailing)	16	15
<b>2009- 2014 batch</b>		
Int BBA (O&G) + MBA (O&G)	28	28

## College of Engineering Studies

Name of the Programme	Students Registered	Students Graduated
<b>2012-2014 batch</b>		
M.Tech (Chemical Engineering) with spec in Process Design Engg	18	13
M.Tech (PE)	12	11
M.Tech (PLE)	25	25
M.Tech (HSE)	40	39
M.Tech (ES)	18	16
M.Tech (AI)	10	10

*Contd...*

M.Tech (RE)	20	18
M.Tech (CFD)	13	5
<b>2010-2014 batch</b>		
B.Tech (ADE)	61	61
B.Tech (APE) I	38	38
B.Tech (APE) Gas spec	44	40
B.Tech (ASE)	28	27
B.Tech (GSE)	40	37
B.Tech (ASE) Avionics Spec	31	30
B.Tech (EE)	57	55
B.Tech (CSE)	53	53
B.Tech (GIE)	36	35
B.Tech (PSE)	56	54
B.Tech (CE + RP)	32	31
B.Tech (IFE)	53	48
B.Tech (ME)	59	58

Name of the Programme	Students Registered	Students Graduated
<b>2009-2014 batch</b>		
Int B.Tech (APE) + MBA (O&G)	45	44
Int B.Tech (IFE) + MBA (IFM)	59	51
Int B.Tech (PSE) + MBA (PM)	60	53

## COLLEGE OF LEGAL STUDIES

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Name of the Programme	Students Registered	Students Graduated
<b>2009-2014 batch</b>		
BA LLB (Hons) with emphasis on Energy Laws	79	72
BBA LLB (Hons) with emphasis on Corporate Laws	46	34

## PLACEMENTS

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### Companies visited for recruitment:

• 3SC Solutions	• L&T ECC
• ACB India Ltd.	• L&T IES
• Accenture Service Pvt LTD	• Lakshmikumaran & Sridharan
• Aditya Birla Group (Solar division)	• Landrum & Brown
• Advance Metering Technology Ltd.	• Larsen & Toubro Infotech Limited
• AFCONS Infrastructure Limited	• Larsen & Toubro Limited
• AIG Group	• Legal Orbit
• AIMIL	• Linde India
• Air Asia (India) Pvt. Limited	• Live Square Pvt. Ltd.
• Air Costa	• Luminous India
• Air India Sats	• LUXOR Writing Instruments Pvt. Ltd.
• AISATS	• M.E.C. Intelligence
• Albatross Inland Ports Private Limited	• Macht Technology
• Amazon.in	• Maersk Global Service Centers India Pvt. Ltd.
• Apar Industries Ltd.	• Maersk Line India Pvt. Ltd.
• Apex Star Engineering Ltd.	• Magnum Aviation
• APL Logistics	• Mahindra & Mahindra
• ARCIL	• Mahindra Aerospace
• ARES Consulting	• Mahindra First Choice Wheels Ltd.
• Armstrong International Pvt. Ltd.	• Manikaran Power
• ASAP Charters	• MAQ Software
• Asite Solutions Pvt Ltd	• Maricon Marine Consultants
• ASME TECH Engineers Pvt. Ltd	• Markets and Markets

*Contd...*

• Atlanta Energy	• Maruti Suzuki India Limited
• Audi	• Mecharte's
• Aveva Software	• METALITE Eco Future Labs (Metalite Hitek Group)
• Axykno Capital Services Ltd.	• MindCrest
• Baker Hughes	• MJ Logistics
• Basil Partners	• Motherson Sumi Systems Limited
• Beroe Inc.	• Mott MacDonald Pvt. Ltd.
• Bhagalpur Electricity Distribution Company Pvt Ltd	• Mr. S.R. Jadhav, Advocate Pune
• Bhatia Brothers FZE	• MSN Infrastructure & Financial Consultants Ltd.
• BHG Associates	• Mulla & Mulla
• Big Boy Toyz	• MV omni project India ltd
• Blue Dart Express Limited	• Nachi Robotics
• BorgWarner, IMT Manesar	• Nagarjuna Agrichem
• Brisk Marine	• Nagarjuna Construction Company
• Brunel Energy	• Nano technology
• C&S Electric	• Navitas Resources
• CA Technologies	• Neelite ZKW Ltd.
• Cairn India Limited	• Network Support Systems (NSS)
• Castrol India Limited	• Newfields Power Trading
• Ceasefire	• NIIT Ltd
• Celebi Delhi Cargo Terminal Management India Pvt Ltd	• Nippon Piston Rings Co. Ltd.
• CENTRAL-Centre for Transport & Logistics	• Nivesh Infratech Solutions Pvt. Ltd.
• CGI Information Systems and Management Consultants Pvt. Ltd.	• Noida Power
• Chemlinkers Tradex Pvt. Ltd.	• NTT Data
• Chemtron Science Laboratories Pvt. Ltd.	• Nucleus Software Exports Ltd.
• CHESS Management	• Oil and Natural Gas Corporation
• Clever Cues	• Oil Asia
• CMS Info Systems	• One97 Communication-Paytm
• Cognizant Technology Solutions	• Orange Powergen
• Collabera	• Orcapod Consulting Services
• Compare Infobase	• OW Bunker
• Cosmic Group	• Oxylane Group
• CRAPHTS Consultants	• Paras Lubricants
• Creative Electronix	• Persistent Systems Pvt. Ltd.

Contd...

• Creative Group	• Petrofac
• Creatnet Technology Pvt. Ltd.	• Phillips Carbon Black Limited
• Crust Propmart Pvt. Ltd.	• Phoenix
• CyberTech Systems & Software Ltd.	• Podium Infotech Private Limited
• Cyprus Systems	• Precision Automation & Robotics India Ltd. (PARI)
• Danone Foods & Beverages India Pvt. Ltd.	• Precision Research and Consulting Private Limited
• DARCL Logistics Limited	• Progressive Media Group
• Darp Mobilize Softech Pvt Ltd	• Puri Telecom Services Pvt Ltd
• Datta Ram & Sons	• Quest Global
• Decathlon Sports India	• Quippo Oil and Gas Infrastructure Limited
• Dell India Limited	• Quislex
• Delphi Automotive Systems Pvt. Ltd.	• R & A Legal
• Denso Haryana Pvt. Ltd.	• R B Technosol
• Development Environergy Services Limited	• R.S Construction Co.
• Dexler Information Solutions Pvt. Ltd.	• Raj Petro Specialities Pvt Ltd
• Diamond Shipbrokers (A part of Samsara Shipping Pvt. Ltd.)	• RANCO Energy
• DMV Business & Market Research Pvt. Ltd.	• Rays Power Infra Ltd.
• Dr. Reddy's Laboratory	• Releff Energy Technologies Pvt Ltd
• Drake & Scull Water & Energy India Pvt. Ltd.	• Reliance Industries Limited
• Drive India	• Reliance Petro Marketing Limited
• Durocrete Construction Quality Rating Agency Pvt. Ltd. (CQRA)	• Reva Automation Ltd.
• Earth Infrastructures	• Ridings Ltd.
• E-Cube Energy Trading Pvt. Ltd.	• Rockwell Automation
• Energy Solutions	• RP Autostyles
• Enking International	• RPG Power Trading
• Environics	• RPM-BY SONIC ADVENTURES
• EON Electric	• S. S. Rana & Co.
• Era Group	• Saffron Tech Pvt. Ltd.
• Essar Power Ltd.	• Samsung Engineering
• ETH Ltd.	• Sanmarg Projects Pvt. Ltd.
• Eurodec Paints	• Sapient Global Markets
• Evaluerseve	• SARA Group of Industries
• Evon Technology	• SARA SAE India Private Limited

Contd...

• Exemplar Worldwide	• Sarr Freights Ltd
• FANUC	• Schlumberger Asia Services Pvt. Ltd.
• FedEx Express Transportation and Supply Chain Service (India) Pvt. Limited..	• Secure Meters
• Flipkart India Pvt. Ltd.	• Selvam & Selvam
• FranConnect	• Semantic Space Technologies Ltd.
• Frost & Sullivan	• Sheorey Digital Systems
• Future IT Solution	• Shiksha.com- Info Edge India Ltd (Naukri.com venture)
• Gamesha Corporation	• Shreyas Relay Systems Ltd.
• Gammon India Limited	• Shun Shing Group
• General Motors India Pvt. Ltd.	• SHV Energy Private Limited
• Gensol Consultants Pvt.Ltd.	• Sidvin Core-Tech (I) Pvt. Ltd.
• GHCL Limited	• Siemens
• Global Aviation	• Simplex Infrastructure Ltd.
• Global Data	• Siva Shipping
• Go Air	• SKF Industries Limited
• Grand View Research Inc.	• Sledgehammer Asia
• Green Rise Renewables Pvt. Ltd.	• SNC-Lavalin Engineering India Private Limited
• GSPC	• SONY India
• GSPL	• SpaGeo Technologies Pvt Limited
• Halliburton Offshore Services	• Sport XS
• Haryana City Gas	• Square Guzz Real Estate Pvt. Ltd.
• HCL	• SREI Infrastructure Finance Limited
• Here solutions India Pvt Ltd	• SRISOL Group
• Hindustan Coca Cola beverages Pvt Ltd	• Star MobileOID2 Pvt. Ltd.
• HSBC Bank	• Stellarix Consultancy Services Pvt. Ltd.
• i3 India	• Sterco Digitex
• ICRA Ltd.	• Steria India Ltd
• iGATE	• StraVis IT Solutions Pvt. Ltd.
• iKen Solutions	• TATA Consultancy Services
• IMC Limited	• TCI Limited
• Indian Air Force	• TCL [The Chambers of Law]
• Indian Energy Exchange	• Team Indus
• Indian Navy	• Tech Mahindra
• Indian Oil Skytanking Limited	• Technip India Limited

Contd...

• Indian Oil Tanking Limited	• Tega Industries
• Indian Petro Group	• Terra Realtech Pvt Ltd
• Indigo Airlines	• Thermax Ltd.
• Industrial Info Resources	• Torrent Power
• Infiniti-Research Marketing Solutions India Private Limited	• Total Oil
• Infinium Solutions Pvt Ltd	• Toyo Engineering
• Infosys Technologies Limited	• Traders Factory Academy Pvt. Ltd.
• InfoTech Enterprises Limited	• Transocean Shipping Ventures Private Limited
• Interocean	• Transparency Market Research
• Inventive Infotech	• TransWeb Educational Services Pvt. Ltd.
• IREO	• TrawellTag India
• ITC Infotech	• Tricolite Electrical Industries Ltd.
• Jindal India Thermal Power Ltd.	• True Power International
• Johnson Matthey India Pvt. Ltd.	• Turboatom TPS Projects Ltd
• JSW Dharamtar Port Pvt. Ltd.	• Universal Boschi
• Kalpa-Taru Limited	• Universal Group
• Kandla Energy & Chemicals Limited	• University of Petroleum & Energy Studies
• Ken Research Pvt. Ltd.	• UTi worldwide Freight Services
• Keppel Offshore	• Uttarakhand Electricity Regulatory Commission
• Kewal Ahuja & Associates	• Uttarakhand Infrastructure Development Company Limited (IDFC)
• Kirby Building Systems	• Vertex Group
• Koonk Technologies Private Limited (KTPL)	• Videocon Industries Ltd.
• KPMG	• Visteon Climate Systems India Ltd.
• Krishna Hydro Projects Pvt. Ltd.	• Welspun Energy Limited
• Kuehne + Nagel	• Wine Yard Technologies
• Kuehne Nagel	• Wipro Technologies (B School)
	• WorleyParsons India
	• XL Dynamics India Pvt. Ltd.
	• Zven Technologies Pvt Ltd

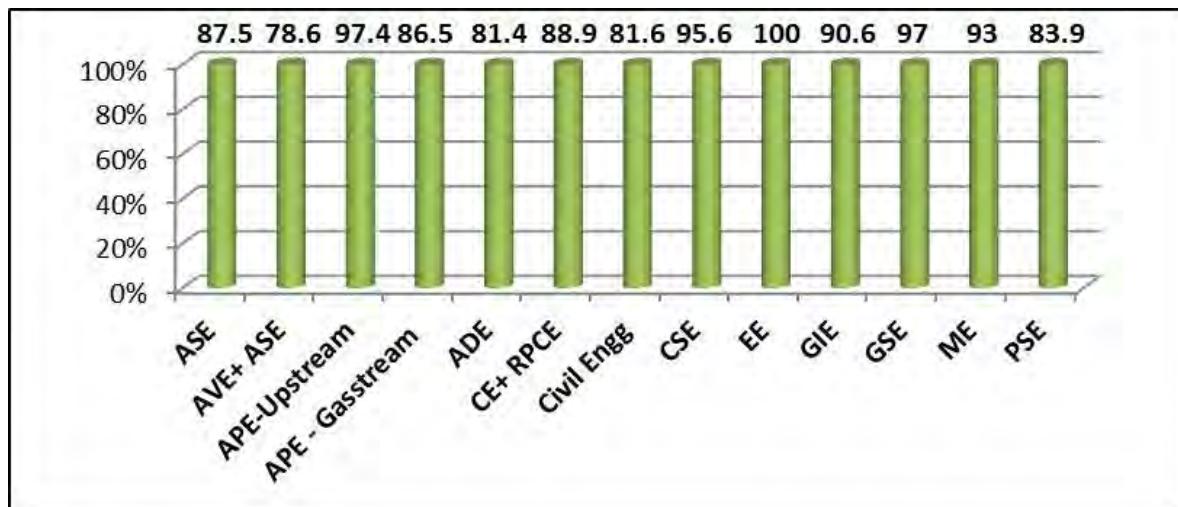
## PLACEMENTS 2013-14

- 89.43% placement for 1075 out of 1202 students across all programmes.

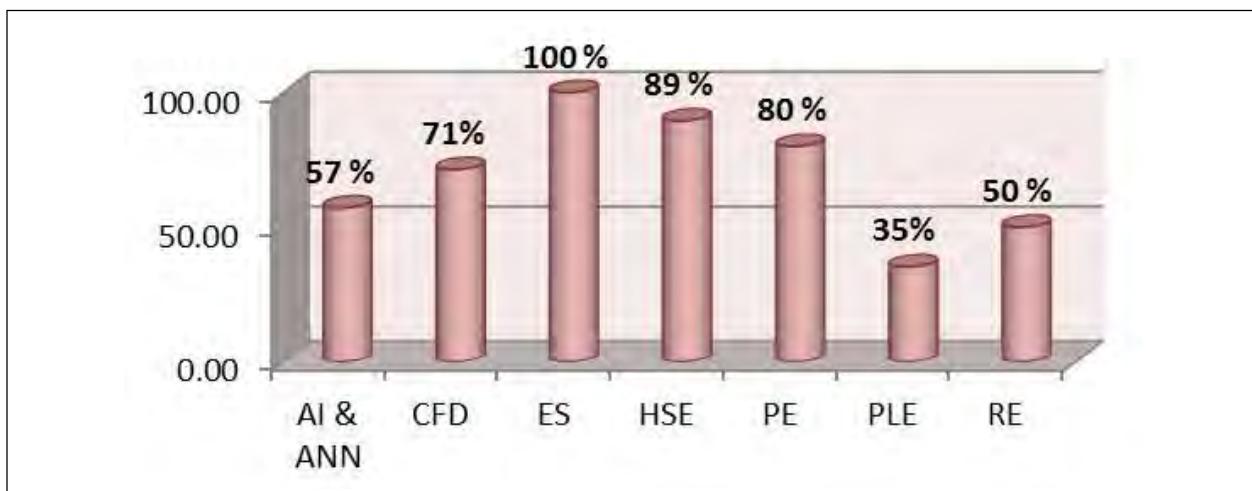
Figures per annum in lakhs		
Degree	Highest	Avg.
B. Tech	17	4.95
M. Tech	10.2	9.6
MBA	12	4.48

- Programme-wise breakup is as under:

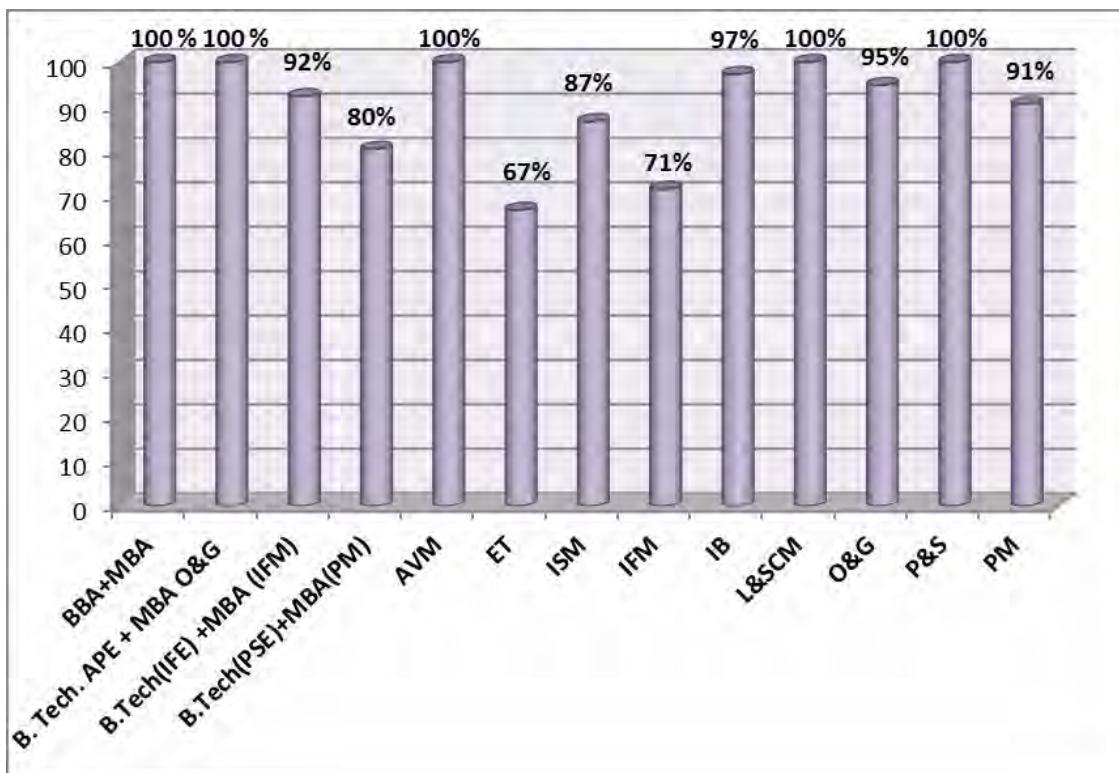
**B.Tech Programmes**



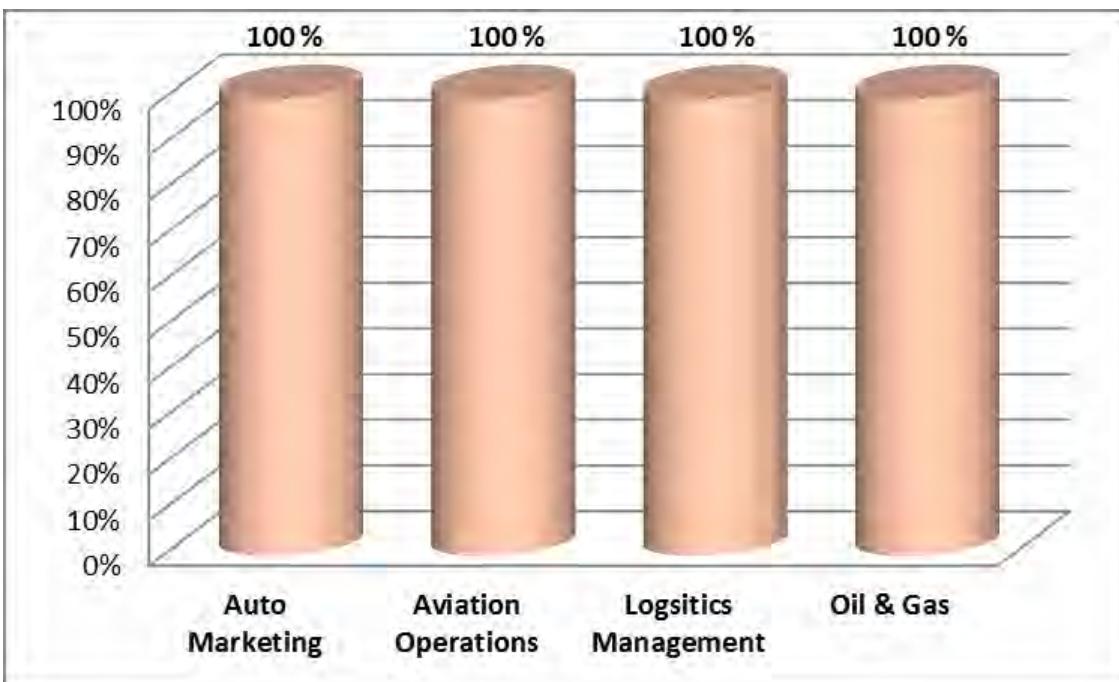
**M.Tech Programmes**



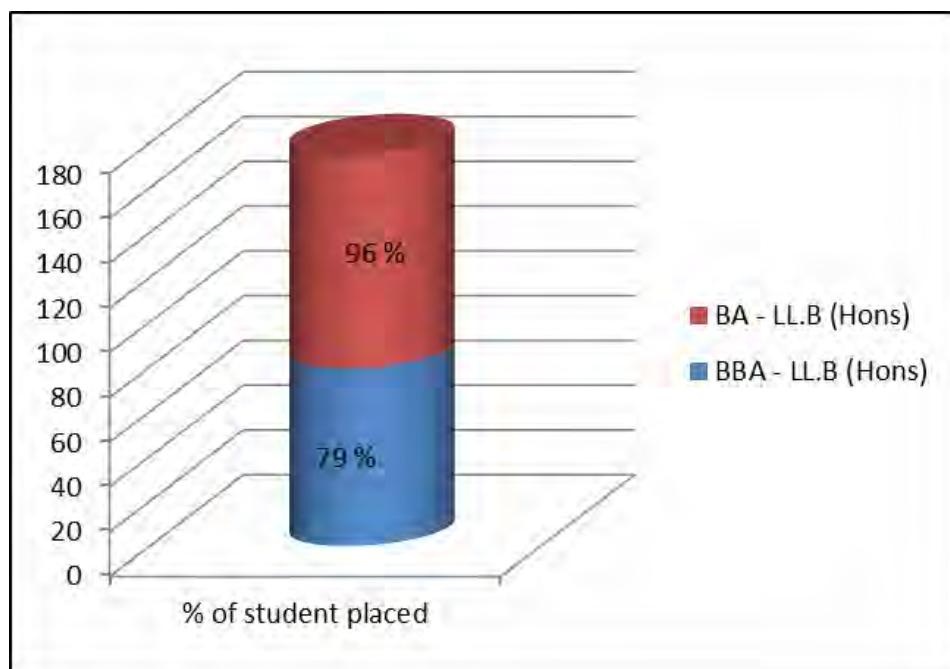
### MBA Programs



### BBA Programs



### Law Programs



## THE TWELTH CONVOCATION

Presided over by Dr. S.J. Chopra, Chancellor UPES, the Twelfth Convocation was held on Friday, May 30, 2014 at the Siri Fort Auditorium, New Delhi. The Convocation was graced by Mr. G.M. Rao, Group Chairman, GMR. 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 43 meritorious students of different programme;



### Academic Medal

- Gold Medal- 7 students
- Silver Medal - 33students

### ***Institutional Medal - 3 students***

- N Narayan Sahai Memorial Gold Medal for Outstanding MBA (O&G) students
- I.N. Mehta Gold Medal for Overall Performance in M.TECH programme
- Siddhu Mal & Sons Gold Medal for Best Corporate Student

Ph.D degrees to 16 candidates were given by the Distinguished Guest.

Two B.Tech (APE) students (Upstream and Downstream Sector) namely Mr. Aamir Lokhandwala and Mr Shivam Saxena were awarded Cairn-Laureate Student Scholarships.

Mr B Lakshmi Narasimhan and Mr G Siddharth student of M.Tech (Pipeline Engineering) was also awarded L&T Student Scholarships

### ***Degrees conferred***

- M.Tech Programmes : 137
- B.Tech Programmes : 567
- MBA Programmes : 307
- BBA Prorammes : 105
- LLB Programmes : 106
- Integrated Programmes : 176

### ***Award of Ph.D. Degrees***

- Engineering : 8
- Management : 4
- Science : 4

### ***Medals Awarded in the Convocation***

<b>University Gold Medals</b>	<b>Awarded to</b>
Best Postgraduate Student of CoE	Alice Deepika Prasad
Best Undergraduate Student of CoE	Kalpit Joshi
Best Postgraduate Student of CoMES	Swarnim Srivastava
Best Undergraduate Student of CoMES	Ishita Ranjan
Best Student of COLS	Ankit Jain
Best Int B.Tech + MBA student	Ishmeet Kaur
Best Int BBA + MBA student	Anchal Agarwal

<b>University Silver Medals</b>	<b>Awarded to</b>
Topper in MBA (AVM)	Mustaqueem Khan
Topper in MBA (P&S)	Lokhandwala Mustansir Mdyen
Topper in MBA (ET)	Prateek J. Dokania
Topper in MBA (L&SCM)	Tushar Sehjpal
Topper in MBA (IFM)	Neethu Venkateshaiah
Topper in MBA (O&G)	Divya Agarwal
Topper in MBA (IBM)	Mansi Garg
Topper in MBA (ISM)	Uma Uniyal
Topper in BBA (AVM)	Shivam Jaitley
Topper in BBA (LM)	Somya Singhal
Topper in BBA (AM)	Gaurav Rajpoot
Topper in M.Tech (ES)	Ashish Verma
Topper in M.Tech (HSE)	Priyanka Mall
Topper in M.Tech (PDE)	Rakesha N.N
Topper in M.Tech (CFD)	Zeya Ahmad Quadri
Topper in M.Tech (ES)	Ashish Verma
Topper in M.Tech (AI& ANN)	Niharika
Topper in M.Tech (PLE)	Lakshmi Narasimhan B
Topper in B.Tech (APE)	Akash Dhaka
Topper in B.Tech (APE) II	Sonali Gosain
Topper in B.Tech (ASE)	Divya Dhawan
Topper in B.Tech (GSE)	Gaurav Siddharth Gairola
Topper in B.Tech (GIE)	Sweta Swaika
Topper in B.Tech (EE)	Aditya Kumar Khetan
Topper in B.Tech (ASE) – Avionics Spec	Ankit Sangwan
Topper in B.Tech (CS&E)	Saumya Gupta
Topper in B.Tech (CE) spec in Refining & Petrochemicals	Parshwi Jain
Topper in B.Tech (ME)	Aanchal Gupta
Topper in B.Tech (PSE)	Shubhankar Gupta
Topper in B.Tech (CE) spec in ID	Jivesh Kumar
Topper in B.Tech (APE) + MBA (O&G)	Harchaman Kaur
Topper in B.Tech (PSE) + MBA (PM)	Abhishek Saini
Topper in BBA LLB (Hons) spec in Corporate Law	Tapanshu Gehlot

Instituted Medals	Awarded to
Narayan Sahai Memorial Gold Medal for Outstanding MBA (O&G) Student	Kailash Srinivasan
I.N. Mehta Gold Medal for Overall Performance in M.TECH programme	Alice Deepika Prasad
Siddho Mal & Sons Gold Medal for Best Corporate Student	Kamal Hasija

#### Cairn-Laureate Student Scholarships Awarded During Convocation



Aamir Lokhandwala and Shivam Saxena, B.Tech (APE) students receiving Cairn scholarships

#### L&T Scholarship Awarded During Convocation



B Lakshmi Narasimhan and G Siddharth, students of M.Tech (Pipeline Engineering) receiving a L &T scholarship

## CAMPUS ROUND UP

### IMPORTANT STUDENT EVENTS

#### UPES SPE FEST 2014 (6 - 9 February 2014)

- 220 national besides UPES & 16 International participants witnessed the SPE Fest proceedings.
- 20 Delegates from different Oil & Gas Companies like Cairn India, ONGC, Schlumberger, Baker Hughes, Anton Paar & Qmax solutions.
- 80 Presentations (Paper/Poster)
- 6 different Conclave speakers covering various topics from Petroleum engineering such as Shale Gas & EOR.
- Other competitions such as Schlumberger Case Study, Quizzes, Mud Challenge & Symposium.
- Working Model Exhibition & 6 Different companies exhibited their stalls.



#### IGNITE 2014 - Annual Techno Legal Management Fest (20-22 February 2014)

- IGNITE 2014-Annual Techno Legal Management Fest was held on 20-22 Feb, 2014.
- Chief Guest, Dr. Jayesh Bellari, from IIT Mumbai, gave an extremely enlightening presentation on the Topic "Use of Nano-Technology in Medical Sciences".
- The first day had participation from over 170 students in 30 events. The events were of varied nature from being a typical technical event to various sports co-curricular events. Besides, legal writing like Legal Essay Writing, Panel Discussion, DPIS, debates were also held.



- Events on Day two included Scholar of The Year, Chess, Best CEO, Tech Run, Robowar, Dalal Street, et al., Law events like National Parliamentary, Debate and Client Counseling.
- Dr. Jaswinder Singh Bhatia - An IT professional from IBM and Dr. T. K. Joshi, Fellow Faculty of Occupational Medicine, Royal College of Physician, London consented to preside over guest lectures.

### 3rd DR PARAS DIWAN MEMORIAL MOOT COURT COMPETITION (3-6 April 2014)

- Chief Guest, Mr. Justice Rajesh Tandon, Member, The State Human Rights Commission, Uttarakhand and former Judge of Uttarakhand High Court inaugurated the event.
- Guest of honour Mr. Sumit Malik, represented the Knowledge partner Eastern Book Company/SCC online.



- Colonel, H.S. Sharma, former Vice president, Uttarakhand High Court Bar Association and Chief Legal Advisor to IIT, Roorkee also graced the occasion with their presence.
- Other dignitaries included legal fraternity from High Court, Supreme Court and Corporate Firms.
- 27 (twenty seven) teams from all over India participated and only 08 (Eight) teams qualified for the Quarter Finals.
- The final round was won by National Law University, Odisha with SVKM Praveen Gandhi Law College, Mumbai as runners-up. The Best Speaker and Researcher awards were won by ILS, Pune while the Best Memorial award was given to NLU, Odisha.

### AEROKRITI 2014 SUMMER SCHOOL

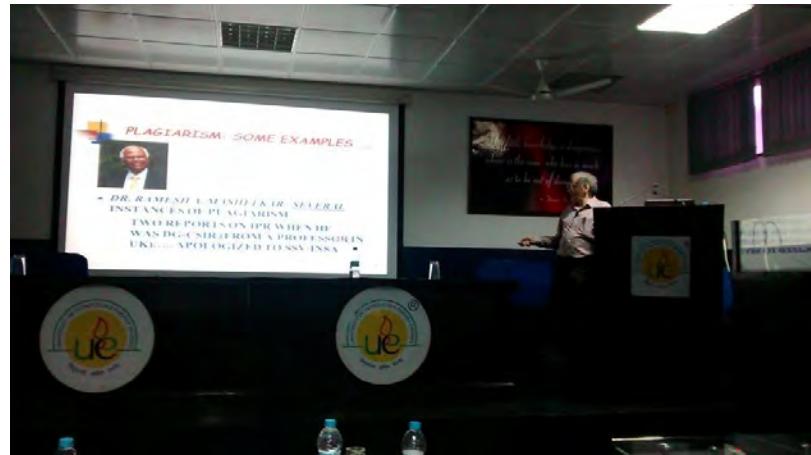
- The department of Aerospace Engineering had recently organized the Annual Summer School "AEROKRITI 14" for B.Tech (ASE & ASE+AVE) first year students.
- The Workshop had various sessions including Expert Lectures by Senior Faculties, Fabrication of Aircraft Model, Air Show by the Students (flying the self-fabricated models), Various Competitive Events like Water Rocketry, Para Egger, Air-crash Investigation, Aero Quiz, Quad Rotor Flying, Chuck Glider, etc.
- The event was aimed to orient the students towards aviation industry for a better understanding of the prospects, challenges and career opportunities in the Aerospace domain.





## WORKSHOP ON PLAGIARISM FREE RESEARCH

- This Workshop was organized by the Department of Aerospace Engineering for all first & second year M. Tech students and a few B. Tech Final year students.
- The event aimed at educating students on Research Methodology, Research Paper Writing, Conference & Journal Publications, Thesis Writing at Masters Levels, etc.
- Prof. S K Gupta, Dr. Sanket Goel (VP, R & D), Dr. Shrihari (Campus Director), Dr. Ugur Guven (Professor Aerospace Engineering), Dr. Om Prakash (HOD Aerospace) and Dr. Gurunadh Velidi (Faculty aerospace) were the key speakers for the event.



## INAUGURAL UPES-ENERGY DISTINGUISHED GUEST LECTURE

- Dr. VVN Kishore, former Sr. Fellow & Professor of Energy & Environment, TERI & TERI University visited University.
- Dr Kishore is one of the leading researchers & innovator in the country in the area of Biomass Energy, especially Gasification and Solar Energy and specializes in applied research in renewable energy engineering (specifically biomass gasification, improved cook stoves, biomethanation, lingo-cellulosic ethanol, green buildings and solar thermal).
- He has hugely contributed to Policy research and training in renewable energy in India as well as abroad.



## WORKSHOP ON "LINUX ADMINISTRATION (October 10-11, 2014)

- Workshop on Linux Administration was organized on October 10-11, 2014 at Campus for the students of CCVT/ OSS/ MFT/ OGI/ ITI/ TI/ BAO/ BFSI/ Cyber Laws/ RA under CIT.
- Around 262 participants had attended this workshop.
- The Workshop was conducted in three parallel sessions by three Trainers (From RCPL, Noida) - Mr. Rahul Gupta, Mr. Pushpendra Kumar and Mr. Mudit Mathur.



- During this Workshop, students were trained on basic and advanced concepts in Linux Administration with Hands On Experience on their Laptops simultaneously.
- At the end of the workshop, an Exam was conducted for all participants and the winners were announced.

## MEDIATION WORKSHOP 2014

Mediation Workshop was conducted for BA-LLB and BBA-LLB of 2011-16 batches. This Workshop was organized in two slots. A total 161 students participated in this activity.



The team members were:

- Mr. Niranjan Bhatt, Sr. Counsel, Ahmedabad High Court
- Mr. J.P. Sengh, Sr. Advocate, HCI- Travel
- Ms. Sadhana Ramachandran, Advocate, SC
- Ms. Veena Ralli, Advocate, Delhi High Court
- Ms. Reeta Kohli

## MICROSOFT STUDENT PARTNERS/MICROSOFT STUDENTS ASSOCIATE WEBINAR – MICROSOFT WOMEN IN TECH

Microsoft Women in Tech Webinar was organized on 17th October, 2014. The objective of this webinar was to share various kinds of Technology developed by women who are working in Microsoft across the world.

The Webinar included: Microsoft update, Latest trends in technology, Women Importance in Microsoft and other software development companies.

Around 200+ girl students from CIT, Others Dept. of CoES and CoLS participated and shared their views.



## FIRST SUCCESSFUL AUTONOMOUS PARACHUTE AERIAL VEHICLE (PAV) (30 OCTOBER 2014)

- Flight Test was carried out at UPES playground by Aerospace Department Team led by Ms. Vindhya Devalla as part of her PhD research and DST/SERB funded project with other Team Members: Dr. Manish Prateek, Mr. Vivek Kaundal, Mr. Amit Kumar Mondal, Mr. Arun J Prakash.



- Parachute vehicle was able to take onboard GPS and other sensors'(IMU: Accelerometer, Gyroscope, magnetometer; Altimeter; Air speed sensor, Ultrasonic Sensor(for GPWS: Ground proximity warning system)) data to follow given way point on its predefined path and simultaneously provide information about its location on ground based system using mission planning software.
- The team was able to make this flight in most stable manner with minimized oscillations during its maneuvers.

## SHORT TERM CERTIFICATE COURSE ON 'DRILLING TECHNOLOGY' AT UPES [2-3 November 2014]

- UPES AAPG Student Chapter, in collaboration with UPES SPE Student Chapter, held a short term certificate course on 'Drilling Technology'.



- Headed by Mr. A.K. Khanna (Ex Head IDT, ONGC), it was a rare event that gave students from APE-Upstream, APE-Gas, Geo Science and Geo Informatics an insight about drilling tools, procedures, problems, and well control methods

## RASHTRIYA EKTA DIWAS @ UPES

Sardar Vallabhbhai Patel's Birth Anniversary was celebrated with immense pride at the UPES campus.

Mr. Utpal Ghosh, PVC, administered the oath taking Ceremony.



This was followed up with a cultural event and "Run for Unity", in which students, faculty and staffs participated with great enthusiasm.

## STUDENT ACHIEVEMENTS

### COLLEGE OF ENGINEERING STUDIES

#### ECO KART 2014 DESIGN COMPETITION BY SAE-GBU (5-7 February 2014)

- UPES Team participated in Eco Kart 2014 Competition
- Competition Aim: Go Green Concept
- Events included: Virtual & Dynamic rounds in which 180 Universities participated.
- UPES stood as follow
- Virtual Design - 11th Rank with 550/700 Points
- Final result - 2nd Rank with 1957/2500 Points
- A Cash prize of ₹ 20,000, medals & mementos were awarded.



#### INTERNATIONAL INTERNSHIPS FOR STUDENTS



- Two students B.Tech (Aerospace Engg) and B.Tech (Aerospace Engg) with Avionics Spec were awarded internship with 400 Euro stipend per month at Estonia Space Observatory.
- Both students got high appreciation for their innovative ideas in Nanosatellite Propulsion.
- During the two months Internship, the students worked on the "Nanosatellite Propulsion Systems"

## Internship at Nantes University

8 students from Nuclear Science & Technology Programme have been awarded Fully paid Internship at Nantes University, France.

- These students will also have an opportunity to pursue their Doctoral Degree on completion of their M.Tech programme.



## Global Shell Ideas360

Shell Ideas360 is a global competition organised by Shell International for students to develop game-changing ideas for tackling Energy, Water and Food issues.



- Final Year students of B.Tech (APE) Krishna Chaturvedi and Priya Sihag under the mentorship of faculty members Dr M R Srinivasan & Dr P Joshi have contributed their innovative idea on the topic "Fire in Ice: Fuel for the Future".
- UPES was one of the five Finalist Teams in the First Edition of Shell Ideas360.
- Out of over 688 ideas which were submitted, over 97 made it into the second round.

## SPACE WEATHER

Twisha Patel, 3rd year student of Aerospace Engineering did her internship on "Space Weather" under the guidance of Dr. Guven, Professor, UPES at Canada.

She visited several places during her internship to collect data on Space Weather formations and its effects on ground system.



## ESTONIA SPACE OBSERVATORY INTERNSHIP



- 2 Aerospace students Surmit Bhui and Sumana Mukherjee went to Estonia on a three months project.
- They visited Tartu Space Observatory which works with projects under the umbrella of Estonian Science Agency and the European Space Agency.
- They had earlier attended International Astronautical Congress 2013 in China. Their work on Cold Gas Propulsion for Nanosatellites was appreciated by the Space Community at large and were invited for further research.
- This was 3 month paid internship.



## INTERNSHIP @ NANTES UNIVERSITY

- Seven M.Tech (CFD) students have been selected for pursuing Higher Studies at Nantes University. Out of 7 students, three students have been shortlisted for Scholarship.

## INTERNSHIP @ ECOLE SUPERIOR ENSMM, FRANCE

- Nochuri Srivadana of M.Tech (Robotics) & Shreyance Singhvi of B.Tech (Mechatronics) went on Internship to Ecole Superior ENSMM, France during June/July 2014 on monthly stipend plus 50% of living costs and fee waiver.
- During the period of Internship, Nochuri Srivadana worked on Drone Conception while Shreyance Singhvi worked on Innovation, Data Mining, Micro Technologies and Artificial Intelligence

## 8TH INTERNATIONAL PETROLEUM TECHNOLOGY CONFERENCE (IPTC)

Harshit, student of Geo Science Engineering was shortlisted as one of the participants to represent UPES to be held from 8th to 12th December 2014 in Kuala Lumpur, Malaysia.



## ALUMNI ACHIEVEMENT

**SMITI MAINI, A PART OF THE ISRO MARS MISSION!**

I was a student in the first Aerospace Engineering batch at UPES from 2006-2010, took a few courses & also did my major project under Dr. Ugur Guven. It is with great pleasure that I share with you the success of the Mangalyaan mission, of which I was a part throughout the last 2 years. I am working in the Control Dynamics and Simulation Group at ISAC.

I, along with my team, was responsible for control system design, analysis and simulation & was part of the mission control team from the launch of the Mars Orbiter Mission on 5th November 2013 to the exciting Mars Orbit Insertion on 24th September 2014. I would like to express my gratitude to the Aerospace Department at UPES. The education & knowledge gained by me there, in a way, helped me to contribute to this challenging mission. It was great witnessing all this excitement first hand & I am writing this to share these joyous and exhilarating moments of my life with everyone at UPES!

## COLLEGE OF LEGAL STUDIES

Students of CoLS made the University proud by winning 10 Awards on a Single Day.



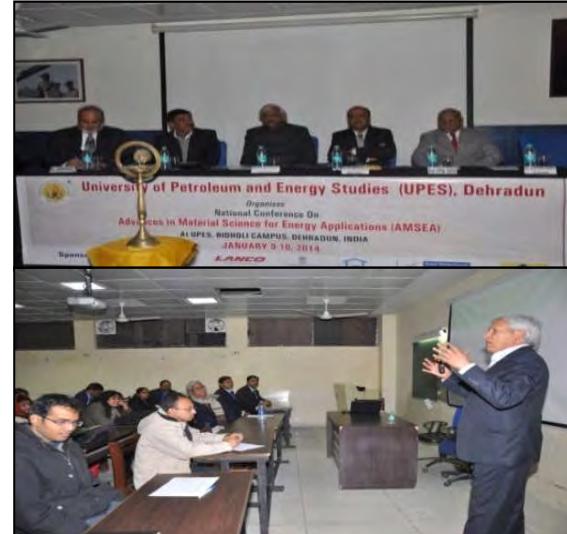
- Bagged Best Delegation Award in the Jaypee University Youth Parliamentary Debate Competition October, 2014.
- Bagged Best Researcher Award in the National Moot Court Competition October, 2014 organized by IP University, New Delhi.
- Bagged Runner up Trophy in the International Moot Court Competition October, 2014 organized by Seedling Law School, University of Rajasthan
- Bagged 2nd Best and 4th best Researcher Awards in the Surana & Surana Technology Law Moot Court Competition October, 2014, organized by Symbiosis University Pune.
- Qualified Asian Rounds of the FDI International Moot Court Competition October, 2014 to participate in the final rounds at USA
- Bagged 6 other individual prizes at different fronts by beating various renowned Law Schools and Law Universities in October, 2014
- Five students were placed with PriceWaterhouse & Coopers after a rigorous selection process held in the UPES Campus, Bidholi.



## CONFERENCES, WORKSHOPS AND EXHIBITIONS

### NATIONAL CONFERENCE ON ADVANCES IN MATERIAL SCIENCE FOR ENERGY APPLICATIONS

- Organized by Department of Physics (9- 10 January 2014)
- 51 delegates from various academic institutions across the country participated and presented their ongoing research work in form of oral/poster sessions.
- 11 invited distinguished key speakers from reputed eminent Indian institutions to deliver talks.
- The event covered all aspects of advances in pristine/modified materials from their preparation methodologies, characterizations and ultimately their potential applications in various energy oriented sectors.



### PETROTECH 2014



- Petrotech 2014 was organized by ONGC from 12- 15 January, 2014. 60 countries, over 450 exhibitors, around 4,000 delegates participated in the four-day event that had a farsighted theme - 'Vision 2030: Emerging Global Energy Basket - Challenges & Opportunities'.
- UPES also joined the bandwagon, and showcased its various strengths and achievements through its exclusive Stall at the exhibition, highlighting its motto of being the "Nation Builders University".
- Mr. Arun Kumar Jain, Managing Director, Fluor Daniel India inaugurated the UPES stall.
- Faculty and student's delegation from UPES also participated in the technical sessions during Petrotech 2014.

### AUTO EXPO 2014 (5 - 11 February 2014)

- UPES participated in Auto Expo 2014
- Mr. Vikram Kirloskar, Vice Chairman, Toyota Kirloskar Motor Pvt. Ltd inaugurated the UPES Stall.
- UPES had displayed the Efficycle.
- Visitors to the Stall remarked that it was a very innovative initiative by the University.



### 3rd INTERNATIONAL MODEL UNITED NATIONS CONFERENCE (15-16 February 2014)

- 3rd International Model United Nations Conference was organized on 15-16 February, 2014.
  - The Conference was attended by 200 delegates from 31 institutions across the country and 21 Delegates from 5 International Institutions viz; Afghanistan, Bhutan, Germany, Indonesia and South Sudan.
- Shri Vijay Bahugunaji, Former Chief Minister, State of Uttarakhand was the Chief Guest



- Constructive Debates were organised on:
  - ❖ Status of Millennium Development Goals in Small Island Developing States: the Way Forward,
  - ❖ Combating Resource Exploitation in the Industrial framework whilst Implementing a new Sustainable Development agenda in the Socio-Environmental Policies,
  - ❖ Fostering Accountability among and Revamp of Global Credit Rating Agencies
  - ❖ Assessment of Protection of Human Rights while Peace-Building in Conflict Zones.

### 1st AEROSPACE HR ROUND TABLE (22 February 2014)

- 1st Aerospace HR Round Table was held on 22 February, 2014
- Theme "Challenges & Opportunities for Talent Management in Aerospace Industry".
- 45 Companies, 6 CEOs, 100+ Delegates represented.
- Focused on the human resource, training & education challenges in the Indian aerospace industry and the way forward





### **CEO Panel Discussion**

- R.K. Tyagi, Chairman, Hindustan Aeronautics Ltd.
- Dr. Vivek Lall, President & CEO, New Venture, Reliance Industries Ltd.
- Arvind Mehra, Executive Director & Global CEO, Aerospace, Mahindra Aerospace
- Nalin Jain, President & CEO, GE Aviation
- Chris Rao, Managing Director, UTC Aerospace Systems

### **AVIATION & ENVIRONMENT: WHAT NEXT?**

The Centre for Aviation Studies along with University of Applied Sciences, Frankfurt (FH FFM) successfully organized the third conference on the theme "Aviation & Environment: What Next?" on June 6, 2014 at The Taj Palace Hotel New Delhi.



### **THE AGRO SUPPLY CHAIN CONFERENCE (ASCC -2014)**

- ASCC Conference was held on 22 August, 2014 at UPES Campus .
- Research papers from various institutions across India were presented among the presence of delegates, Constituting Agriculturists, Research Scholars and Students.



## SEMINAR ON BRIDGING THE INNOVATION GAP (September 6-7, 2014)

- Dr. DK Gupta, Professor & Head of Department, UPES and Mr. Shivam Saxena, Final Year Student represented UPES at ATEC (Asia Total Education Centre) 2014 hosted in Singapore.
- Shivam was the only student delegate from India to participate in the seminar



- Seminar witnessed eminent personalities like Ms. Helen Luo, Vice President (HR); Mr. Luc Sposito, GM of Education; Mr. Philippe Tanguy, Vice President of International Scientific Development; Dr. James White, JRW Consulting; Mr. James Kaw, Director Singapore Innovation Center, Proctor & Gamble to name a few

## OIL & GAS EXPLORATION & PRODUCTION INDUSTRY IN INDIA

- This Conference was Organized by Diligentia Services on September 25-26, 2014 at Hotel Lalith Intercontinental, New Delhi. UPES was the Academic partner of this Conference.
- The Theme of the Conference was "A Swift Move from an Easy Oil Era to Hard Oil Era".



- This Conference was attended by many industry experts.
- The conference covered most of the up-stream areas and its practical problems that relate to its Economy, Policy, New Technologies and Unconventional sources.



### 13th HR Oil & Gas Round Table

- HR Round Table on Oil & Gas held on August 21, 2014 @ Taj Lands End, Mumbai!
- Over 200 HR Professionals, and 20 speakers from the Oil & Gas industry
- The HR Round Table witnessed participation in the CEO Panel Discussion by B. Vijay Kumar, Chairman & Managing Director, TOTAL Oil India Pvt. Ltd, Capt. Kishore Sundaresan, Managing Director, Kongsberg Oil & Gas Tech. Pvt. Ltd.
- Dr. Amit Paithankar, Managing Director, Emerson Process Management (India) Pvt. Ltd, Dr. Rakesh Walia, Vice President/Managing Director, CGG Services India, Lalit K. Gupta, Managing Director & CEO, Essar Oil Ltd. P. Raghavendran, President (Refinery Business), Reliance Industries Ltd, Pradeep Mukerjee, Country Head & Chief Executive Officer, Mercer India, Ravi Chawla, Managing Director, Gulf Oil Lubricants India Ltd.
- Some key Plenary Sessions included:-
  - ❖ Where do we stand?
  - ❖ Reinventing the learning curve
  - ❖ Social media to engage gen y
  - ❖ Tapping into diversity
- GAIL, Oil India, Petronet LNG, Emerson, Schlumberger, TOTAL, Engineers India, HPCL were the sponsors.



### 4TH HR POWER ROUND TABLE (OCTOBER 9, 2014)

- HR Round Table on Power held on October 9, 2014 @ Hotel Taj, New Delhi
- Over 100 HR professionals and 20 speakers from the Power industry.



- The Power HR Round Table witnessed participation in the CEO's Panel Discussion by Arvind Gujrat, Chief Executive, BSES Rajdhani Power Ltd. Jayant Shriniwas Kawale, Managing Director (Hydro & Renewables), Jindal Power Ltd.
- Kamlesh Vyas, Associate Director, Business Advisory Services, EY
- Praveer Sinha, Chief Executive Officer & Executive Director, Tata Power Delhi Distribution Ltd.
- Rajeev Sharma, Chairman & Managing Director, Rural Electrification Corporation Ltd.
- Rajiv Ranjan Mishra, Managing Director, CLP Power India Pvt. Ltd.
- S.K. Chaturvedi, Chairman, Joint Electricity Regulatory Commission
- Some Plenary Sessions included
  - ❖ Role of academia
  - ❖ Challenges in talent sourcing and retention in the power sector - Transmission, Generation & Distribution
- REC, Jindal, BSES, Avantha Group were the sponsors

### **Workshop on "EOR - How to Design Experiments"**

- Dr. Dinesh O. Shah, the First Charles Stokes Professor of Chemical Engineering and Anesthesiology at University of Florida and Founding Director Emeritus of the Center for Surface Science and Engineering, Gujarat visited UPES Campus.
- Dr. Shah interacted with the Faculty and Students on Enhanced Oil Recovery.
- Conducted a Research Workshop on "EOR - How to Design Experiments" for the Department of Petroleum Engineering & Earth Sciences, Department of Chemical Engineering & Department of Chemistry.



## **OTHER HIGHLIGHTS**

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### **MEMORANDUM OF UNDERSTANDING**

#### **NATIONAL**

- (i) CSIR-Central Buildings Research Institute
  - ❖ MOU was signed on 11 Feb. 2014.
  - ❖ Following areas are covered
    - ◆ Promoting excellent quality manpower in the fields of Civil Engineering,





- ◆ Building Science and Engineering Geology by the sharing of training and research facilities
- ◆ Coordinating Technical Research Training Programs.

**(ii) CEER - Central Electronics Engineering Research Institute**

- ❖ MOU was signed on 3rd March, 2014
- ❖ Following areas are covered:
  - ◆ Undertake Joint Sponsored Research Projects in the areas of MEMS, Microfluidics, Power Electronics and Embedded Systems.
  - ◆ Exchange visits of staffs and students for research work.
  - ◆ Student Training and Conference



**(iii) Indian Oil Corporation Ltd**

- ❖ MOU was signed on 31 March, 2014
- ❖ Following areas are covered:
  - ◆ Promotion of education, research and innovation with UPES.
  - ◆ Ph.D and M. Tech students can carry out their research /project work at IOCL/UPES. This is an ideal platform for students who are interested to register for PhD at UPES for undertaking research work primarily at IOCL under an identified project ("Indian Oil Research Fellow")

**(iv) Samsung Engineering India Pvt Ltd**

- ❖ MOU was signed on 23 May 2013
- ❖ Following areas are covered:
  - ◆ Industry Exposure - Internship, Project Work, Industrial Visit
  - ◆ Industry Orientation for Faculty and Staff of Management & Engineering disciplines
  - ◆ Placement
  - ◆ Nominate Expert for Lectures
  - ◆ Improvement of Quality of Education imparted
  - ◆ Joint R&D & consultancy projects at national and international level



(v) Petronet LNG Ltd

- ❖ MOU was signed on 10th July, 2014.
- ❖ Petronet LNG had instituted a Chair in the College of Management in the area of LNG.
- ❖ The Chair would be responsible for course delivery to the students of College of Management & to conduct research activities in LNG.



***International***

(vi) University of Central Florida

- ❖ Exchange of students and faculty members
- ❖ Cooperative R&D activities
- ❖ Cooperative design of courses, conference or academic programs
- ❖ Exchange of academic or scientific materials and publications.



## RESEARCH CAPACITY DEVELOPMENT

### INNOVATE INDIA 2014

- INNOVATE India 2014 was hosted by the R&D Dept of UPES in association with (UCOST) on 27-28 February, 2014.
- A total of 387 participants including 204 Delegates and 183 Students were present during the two day event.
- Chief Guest: Padma Vibhushan Dr. R Chidambaran (Principal Scientific Advisor to the Government of India)
- Dr. R S Tolia (IAS, Retd. Former Chief Secretary, Govt. of Uttarakhand) was chief guest of the Valedictory Session



- 22 Models and 33 Posters were presented during the competition and the Top five models and posters were presented with Awards, Gifts and Certificates.
- During the event, a MoU with National Research Development Council (NRDC) was executed.





## **EXPERT SUB-COMMITTEE MEETING ON "WOMEN & NUTRITION (WN)" UNDER SCIENCE AND TECHNOLOGY SCHEME FOR WOMEN [19-20 JUNE 2014]**

- This program was catalyzed and supported by Science for Equity Empowerment and Development (SEED) Division, Dept. of Science & Technology, ND.
- About 31 R&D project proposals were presented for financial assistance before ten member expert evaluation committee, over 2 days.
- Expert evaluation committee constituted experts from research organization/institutes.
- Project Investigators/Co-Investigators and project teams from all over India were part of the program.
- DST officials, Dr. Sobhana Bhaskaran, officials, Scientist E and Dr. Konga Gopi Krishna, Scientist D, from SEED division headed the meeting.
- Patents Filed



Title	Office	Inventors
A System for Monitoring and Maintaining Air Pressure in Vehicles	Patents Office New Delhi (# 1205/DEL/2014)	Dr. Om Prakash, Mr. Anant Wadhwa, Mr. Shival Dubey, Mr. Amit Kumar, Ms. Vindhya Devalla and Mr. Prashanth Shukla

### **Endowment**

#### **UPES - ONGC ROCK MUSEUM (February 2014)**

- One-of-its-kind museum in the State of Uttarakhand.
- The Museum, set up at a cost of over ₹ 40 Lacs, has also given an endowment of ₹ 10 Lacs as a CSR initiative.



- It currently houses a priceless collection of around 110 ancient rocks & crystals, properly labeled & displayed in glass cases. The Museum even has a model of a dinosaur fossil procured from the US.
- Various programs with a focus on the Geosciences in the UPES portfolio are expected to benefit from the creation of this Museum.

## Vijayanta Tank

- ❖ UPES achieved another milestone by installing the "Vijayanta Tank" donated by the Ministry of Defence, Government of India in the campus!
- ❖ The unveiling of Vijayanta Tank was done by Lt Col I.S. Rawat (Rtd), the oldest living veteran of Indian Army in Uttarakhand. The ceremony was blessed by the presence of Dr Aziz Qureshi, the Honorable Governor of Uttarakhand. In his address to the gathering, Dr Aziz Qureshi appreciated the efforts made by UPES in getting the Vijayanta Tank to the campus.
- Mahindra & Mahindra donated "Engine Components" in the Engine Lab



## Centre of Excellence for Training & Research in Automation Technology in Collaboration with Bosch Rexroth (26th January, 2014)

- Inaugurated by Mr K.S.Jamestin, Director - HR, ONGC.
- The Center has:
  - ❖ State-of-Art Training and Research facilities for Hydraulics, Pneumatics, PLC, Drives, Mechatronics, Robotics and CNC.
  - ❖ All the equipment/setups use industry grade components and software.



## Infrastructure Development

### ***Bidoli Campus***

Spread over 30 acres, surrounded by lush green forests of the Pondha Valley and shadowed by undulating hills and mountains, the natural ambience complements the hi-tech and self-contained campus, which make it most conducive to serious academic pursuits. The Campus has College of Engineering Studies, School of Design and College of Legal Studies.

### ***Kandoli Campus***

The UPES College of Management & Economics has shifted to the newly built Kandoli Campus Infused with the energy of staff and students, the UPES Bidholi campus has now been augmented with another 12 acre campus in Kandoli, anointed-'Knowledge Acres'. This ancillary campus, located 3 km away from the existing campus adds additional capacity for accommodation of 1,000 students.



The details of the facilities available at both the campus are as follows:

S.No.	Specification	Bidholi Campus	Kandoli Campus
Admin	Multimedia enabled classrooms	106	28
	Teaching & Research Labs	90	
	Seating capacity	6000	1200
	Hostel Capacity Blocks	5	2
	Hostel Capacity Beds	552	483
	No. of Teaching Labs	81	
	No. of R & D Labs	10	
Library	Library Area (Floors)	Three Floors	Single Floor
	Lib Seating Capacity	423	182
	Publications	66998	23438
	Journals	73 (Print) + 3599 (E-journal) + 12 e-databases	36 (Print) + 3 e-database
	Servers Hosted By Centre	42	1

## 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 (QAC) in the year 2014. A brief mission of this Centre is as follows:

- To develop and design Processes and SOPs for various academic and non-academic systems.
- To conduct benchmarking studies.
- To develop a strong quality monitoring system.
- To get accreditation of the University and its Programs by renowned National and International agencies.
- To foster Quality Culture at all levels thus ensuring quality as a way of life.

UPES is Quality Conscious from Day 1

Annual Academic Audit was started in the year 2003 As a measure to strengthen academic systems and processes and to strive for academic excellence, the external academic audit was carried out by:

For the year 2013-14 the following experts were invited to conduct the audit.

### ***College of Engineering***

- Dr. Shudhsatva Basu – Professor & Head Chemical Engg. Deptt. IIT/Delhi

### ***College of Management***

- Dr. K.B.C. Saxena – Ex-Professor IIM/B, MDI
- Dr. D. K. Banwet – Prof. Emeritus, IIT/D, SMS

### ***College of Legal Studies***

- Dr. Anju V. Tikoo – Professor, Law faculty, Delhi University

In addition to this, audits are being conducted by the Institutional Affairs and Legal Department of the following department for their process improvement.

### **Annual Audit 2013-14**

Department Name	Auditors	Period
Enrollment	Cdr. P. Barthwal, Consultant	January, 2014
CCE	Dr S. N. Suri, Advisor UTM and Cdr. P. Barthwal, Consultant	2nd to 12th Dec, 2013
Institutional Affairs	Cdr. P. Barthwal, Consultant	February, 2014
HR	Cdr. P. Barthwal, Consultant	October, 2013
Administration	M/s CBRE South Asia Pvt Ltd	Dec 01, 2013 to April 30, 2014
SRE	Dr S. N. Suri, Advisor UTM and Cdr. P. Barthwal, Consultant	2013-14

Based on the recommendations of the Audit an action plan is developed by each of the concerned department and a regular follow up is done by the Management Committee.

### ***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) and international (Energy Institute, UK) 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 device 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 a strong and appropriate safety mechanisms in the campus.

Purchase order form and inspection of inward materials has been introduced through ISO

## EXTRA CURRICULAR ACTIVITIES

### OFF CAMPUS PARTICIPATION

#### **TAEKWONDO**

Three students participated in All India Inter University Taekwondo Competition, organized by Sathyabama University, Chennai, Tamil Nadu in the month of January 2014.



#### **TABLE TENNIS**

UPES first time participated in the North Zone Inter University Table tennis Championship. It was organized by Uttarakhand Technical University in the month of September 2014

#### **CRICKET**

- UPES student's team participated in Shivalik Premier Cricket League-2014. UPES played with Uttarakhand Institute of Technology University, UPES won by 6 runs.
- In the Semifinal match, UPES played against College of Engineering Roorkee, UPES lost by 4 wickets

#### **Basketball**

UPES Basketball team first time participated in State Uttarakhand Basketball Championship 2014 and reached semifinal.

A Basketball match was organized between Army Cadet College and UPES in Major Hoshiar Singh Gymnasium at IMA . Cadets of IMA also visited UPES Campus for a friendly match

#### **FOOTBALL**

- Football Practice match was organized on 19 Feb. 2014 with Young Garhwal Football Club, the match was a tie as both the team scored one goal each.
- 8th Intramural Football tournament started on 22th August, 46 teams (736 students) from various courses participated in the tournament. The tournament was played on knock out basis.



### **FOOTBALL-Girls**

- 1st Intramural Football tournament for Girls started on 10th September, 14. 7 teams from various courses participated in the tournament.
- The tournament was played on knock out basis Final match was played on 17th September between nest warriors v/s super strikers Nest Warriors won by 1-0(Tie Breaker)
- Prizes were distributed by Chancellor – Dr. S.J.Chopra , Pro Vice Chancellor – Prof : Utpal Ghosh , Campus Director – Dr. Shrihari and Director Student Affairs – Brig Dr. Anil Sharma (Retd) .



### **ACADEMIA – INDUSTRY INTERFACE ENERGY CUP**

Under Industry-Academia Interface, UPES organized the Sixth edition of T-20 cricket tournament - "Energy-Cup" on 5th & 6th April 2014.



Inauguration match was played between, schlumberger v/s UPES. UPES won by 61 Runs

- Second match was between CAIRNS v/s GEOPIC ONGC , Cairn Won by 7 Wickets
- On 6th GEOPIC ONGC played with SCHLUMBERGER for third and fourth place. GEOPIC ONGC won by 2 wickets.
- Final match played between UPES & CAIRN , Cairn won the Championship beating UPES by 19 runs.



### STAFF CRICKET

UPES Staff cricket team participated in ONGC Challenge Cup Cricket tournament at Ambedkar stadium, Dehradun. Team UPES won 02 league matches & was defeated by UPCLin quarter final match.UPES Staff team won the Fair Play Trophy.

### MANAGEMENT MONSOON MAGIC ( M3 )

Various sports activities were organized in Management Monsoon Magic (M3) details are as follows:-

- Football tournament, Basketball tournament, Volleyball tournament & Soft ball cricket tournament were organized in which 5 teams participated in each event.
- Recreational activities were organized for girls for different groups from 18th June - 30th June every day. Trekking was organized for girl students on 28th June 2014



### TECH TONICS

Various sports activities were organized in Tech Tonics 2014 for the M.Tech students, details are as follows:

- Football & Basketball on 8th July 2014
- Football & Volleyball on 9th July 2014.

## DELHI HERITAGE HALF MARATHON

Vinod Varghese Mathew Student of M.Tech participated in Delhi Heritage Half Marathon(21.5 Kms)....completed in 1:45:00h



## FRESHER'S PARTY

To welcome the newly enrolled students, Fresher's Party was organized for all the three constituent colleges on September 07 ,2014 (COES), September 14 ,2013 (COLS), August 31 ,2014 (COMES) respectively.

Various events included Dance, Singing, Mimicry & Band Performance and Mr & Ms Fresher's followed by a DJ Eve.





## UURJA [15-16 November 2014]

UURJA, the Annual Youth Fest at UPES, kick started with a bang on 15 November, 2014.

Nearly 26 events in various cultural and social categories, the fest began with an Indian Classical rendition of Ganesh Stuti and moved on to some scintillating performances by the students.



## 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 272, College of Management and Economic Studies 82 and College of Legal Studies 22, thereby taking the total faculty strength from 314 in last year to 350. 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 150.

## 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. 27 faculty members obtained Ph.D degrees during the year.

Details of faculty participation in Conferences/workshops etc, and research papers & books published are appended in this report.

### Faculty Presentations in National/International Seminars/Conferences

Faculty Name	Topic	Event/Venue
Shruti Reddy	Securing Human Rights of Women in India- Right to Reproduction vis-à-vis Third Party Reproduction	National Seminar on the New Dimensions of Human Rights Violations in the Contemporary Times: Challenges and Solutions, Army Institute of Law, Mohali, 19-20 September 2014.
Shruti Reddy	Surrogacy Agreements- Validity under the Indian Contract Act, 1872?	National Seminar on Surrogacy, National Law University, Delhi, in Association with National Commission for Women and Institute of Chartered Management Association, 13-14 September 2014.
Shruti Reddy	Green Economy: A New Perspective of Sustainable Development	National Seminar on "Water and Biodiversity: Issues and Challenges, DDM Sai Law College, Kallar (Nadaun), 31 May 2014.
Shruti Reddy	Prenuptial Agreements in India: Opposed to Public Policy?	National Conference on Innovation in Engineering, Pharmaceutical, Legal and

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		Management Sciences, Bahra University, Shimla Hills (May 30, 2014).
Sreejith S.G.	International Law in Plural	Faculty of Law South Asian University, New Delhi (5 March 2014)
Sreejith S.G.	Invited Lecture: S.G., Sreejith, "Trends in Law School Teaching: The Socratic Experiment in India	Career Launcher, New Delhi (18 April 2014),
Sreejith S.G.	Invited Lecture: S.G., Sreejith, "Studying Law: Shared Visions—Law@UPES	Career Launcher, New Delhi (18 April 2014),
Sujata Bali	Corporate Environmental Responsibility: Indian Scenario	National Seminar on The New Dimensions of Human Rights Violations in the Contemporary Times: Challenges and Solutions on at the Army Institute of Law, Mohali, on September 19-20, 2014.
Sujata Bali	The Law on Corporate Governance in the Regime of the New Companies Act, 2013	National Conference on Innovations in Engineering, Pharmaceutical, Legal and Management Sciences, organized by Bahra University, Shimla Hills, held on May 30, 2014
Rajkumar N.	Resource Person: Interactive Workshop on the Legal Issues in the Oil and Gas Industry	Interactive Workshop on the Legal Issues in the Oil and Gas Industry, Organized by Resonance Energy Pvt. Ltd., 4&5 September 2014
Pooja Gautam	Critical Analysis of Legal Constituents in Sexual Harassment at Workplace	National Seminar on Laws for the Protection of Women, 21 May 2014.
Anuradha Nayak	Comedy of Errors, Tragedy of Law: Two Mothers, Embryo Mix-Up and a Baby	International Conference on Comparative Law and Development, 21-22 March 2014
Anuradha Nayak	Panelist: Various Varsities and IP Teaching	New Perspectives for Teaching of Intellectual Property Law, 24 February 2014
Sujata Bali	Securing Right to Life of the Girl Child: Some Concerns that Need Immediate Considerations	School of Legal Studies and Research, APG Shimla University, Shimla on April 18 and 19, 2014
Ms Somya Sharma, Dr Geo J Fernandez & Ms Kshiti Vasisht	Comparative Analysis on Crude Oil Prices and US Dollar Index'	International Conference on Energy and Infrastructure 2014 organized by PDPU
Dr. Sumeet Gupta	Factor Affecting Energy Demand (oil, gas, coal, power): An Indian Perspective	International Conference organized by Pandit Deen Dayal Petroleum University
Prof L Takru & Dr Neha Grover	Contemporary state of Road Transport Infrastructure in India	ICMI conference, 14th-15th Feb, 2014
Dr Neeraj Anand and Dr Neha Grover	Automation in Warehouses using Information Technology	ICMI conference, 14th-15th Feb, 2014
Prof L Takru	Focused Inventory Management - A Practical Approach	ICMI conference, 14th-15th Feb, 2014
Dr Saurab Tiwari	Biomass Supply Chain in India	ICMI conference, 14th-15th Feb, 2014
Mr Aman Dua	'Six Sigma Approach In Maintenance	ICMI conference, 14th-15th Feb, 2014

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Mr. Sunil Barthwal	<ul style="list-style-type: none"> <li>• Generational Differences in Interpreting 'Gestalt' cultural Value from Indian Durable goods advertisements: A Qualitative Study.</li> <li>• Marketing Ecotourism in a Fragile Ecosystem: Challenges and Strategies in the Context of Ladakh</li> </ul>	IIM, Lucknow International Conference on, 'Listening to Consumers of Emerging Markets' , 8-11 Jan, 2014
Ms. Somya Sharma, Dr. Geo J Fernandez & Ms. Kshiti Vasishtha	Comparative Analysis on Crude Oil Prices and US Dollar Index'	International Conference on Energy and Infrastructure 2014 organized by PDPU.
Dr. Priya Grover	<i>A Conceptual Model for The Success of Brand Extended Products</i>	<i>Global Conference on Managing in Recovering Markets organized by MDI Gurgaon , March 05-07,2014</i>
Prof Abhijit Singh	<ul style="list-style-type: none"> <li>• Low Carbon Shipping – Hurdles on Application of Sustainable operational Solution – Admiralty Group'</li> <li>• Major Trends and the Possible Effects of Technological Advancements of Global Natural Gas Trade'</li> <li>• Case Study 'Bill of Landing Dispute – Freemantle Port Australia'</li> <li>• Case Study 'Charter Party Dispute – MV Sea Pulse'</li> </ul>	ICMI 2014
Dr. Ashish M. Urkude	Implementation of Enhanced Oil Recovery Techniques in India: New Challenges and Technologies	SPE International Conference at OGWA, Muscat, Sultanate of Oman, 31 March to 2 April 2014
	Hydrocarbon Risk and Uncertainty: Indian Scenario	SPE International Conference, China: 16759
Dr. Ratna Banerjee	Micro Financing helps Women Entrepreneurs in India	Doon University
Dr. Ratna Banerjee	<ul style="list-style-type: none"> <li>• June 2013 Kedarnath Devastation: Cost Estimation for Infrastructure Rebuilding'.</li> <li>• 'Movie Scheduling at Multiplexes in India for Exhibitor's Profit Maximization'</li> </ul>	ICMI 2014
Dr. Sumeet Gupta	Factor Affecting Energy Demand (Oil, Gas, Coal, Power) : An Indian Perspective in PDPU, Gujrat and 'Risk Management in Oil and Gas Sector	ICMI 2014
Dr. Pankaj Singh	Managing Turbulence in Management Education: Aligning with the needs of Industry' and paper entitle 'Management Theories: Principles and Practices	conference in New Delhi on 19 & 20 March, 2014

Contd...

Dr. Sumeet Gupta	Confidentiality in International Arbitration: A Presumption and Reality'	IUP Law Review by IUP Publications
Dr. Sumeet Gupta	Skill Gap Analysis and their Solution as Critical Constituent of SME in Emerging Economy	National Conference cum Conclave at Doon University

## FACULTY PUBLICATIONS

- Journals Publications

### COLS

Authors	Title	Source title
Bali, Sujata (Co-Author)	A Synoptic View of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act	Samyoga
Saroj Bohra	Minority Rights under Indian Constitution: A Critical Analysis	Bharati Law Review
Saroj Bohra	Conflict of Sovereignty: Legislature or Judiciary?	Kayadepundit.com
Dimri, Shikha (Co-Author)	Judicial Contributions in Evolving the Liability for Medical Negligence	Manaviki
Kalicharan, M.L	Impact of War on Environment: An International Humanitarian Law Perspective	International Journal of Research and Analysis
Ajit Kaushal	Independent Directorship: A Panacea of Agency Problem?	RGNUL Financial and Mercantile Law Review Sidebar
Singh, Vinita	From Addendum to Divinity	Research Journal of History
Kaushal, Ajit	FDI and Measures to Deal With Offshore Tax Avoidance	Colloquium Opus Law Journal
Kaushal, Ajit and Gupta, Sumeet	Confidentiality in International Commercial Arbitration: Presumption and Reality	IUP Law Review
Kumar, Sampath K P	Machiavelli and Judicial Reasoning	Indian Journal of Legal Philosophy
Rajkumar N	Shale Gas: A Dream or Reality?	Energy Law Reports
Rajkumar N	Production Sharing Contracts for the Exploitation of Hydrocarbon Resources	Energy Law Reports
Rana, Mamta	Biotechnology and Traditional Knowledge: Challenges and Issues	Journal of Faculty Juridical Science
Singh, Vinita	Indo-Japan Bilateral Relations with Strategic Impact of China	Indian Journal of Diplomacy
Singh, Vinita	America and Soviet Russia: Bilateral Relations in the Background of Cold War	E-Journal
Sreejith, S.G.	Epistemology of Legal Leftism: An Ontological Critique	Journal of Indian Law

Contd...

Rajkumar N	Guest Editorial	UPES Law Review
Rajkumar	Governance of Shale Gas in India: Issues and Challenges	International Energy Law Review
Nayak, Anuradha	Himadri and the Global Politics of Melting Ice: India's Arctic Presence and the March towards Global Governance	Y.B. Polar Law
Kumar, Sampath K.P.	Regulatory Measures for Achieving Zero Flaring and Venting in the Oil & Gas Industry	UPES SPE
Kumar, Sampath K.P.	Health, Safety and Environment in the Oil & Gas Industry: A Techno-Legal Perspective	UPES Management Review
Bohra, Saroj	Women Empowerment: An Exposition of Panchayati Raj and Laws Reservation for Women	RGNLU Law Review
Bali, Sujata	The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Bill, 2012: Some Critical Observations	Himalayan Journal of Contemporary Research

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Authors	Title	Source Title
Rai, A., Punase, K.D., Mohanty, B., Bhargava, R.	Evaluation of models for supercritical fluid extraction	International Journal of Heat and Mass Transfer
Rawat, D.S., Joshi, G., Lamba, B.Y., Tiwari, A.K., Mallick, S.	Impact of additives on storage stability of Karanja (Pongamia Pinnata) biodiesel blends with conventional diesel sold at retail outlets	Fuel
Kumar, S., Jain, S.	One-step synthesis of superparamagnetic Fe <sub>3</sub> O <sub>4</sub> @PANI nanocomposites	Journal of Chemistry
Dewan, R., Kumar, N., Yadav, B., Yadav, V., Biswas, A., Diwan, P., Gupta, R.	Modification in surface chemistry of the polytetrafluoroethylene through chemical graft copolymerization for potential oil contamination control	Particulate Science and Technology
Yadav, R., Velidi, G., Guven, U.	Aerothermodynamics of generic re-entry vehicle with a series of aerospikes at nose	Acta Astronautica
Awasthi, M.K., Srivastava, V.K.	Study on electrohydrodynamic Rayleigh-Taylor instability with heat and mass transfer	The Scientific World Journal
Srivastava, V.K., Awasthi, M.K., Sunil Kumar	Numerical approximation for HIV infection of CD4 + T cells mathematical model	Ain Shams Engineering Journal
Rawal, S.K., Chawla, A.K., Jayaganthan, R., Chandra, R.	The influence of various sputtering parameters on structural, wettability and optical properties of Zr <sub>2</sub> ON <sub>2</sub> thin films	Materials Science and Engineering B: Solid-State Materials for Advanced Technology

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Pardha-Saradhi, P., Yamal, G., Peddisetty, T., Sharmila, P., Singh, J., Nagarajan, R., Rao, K.S.	Plants fabricate Fe-nanocomplexes at root surface to counter and phytostabilize excess ionic Fe	BioMetals
Pardha-Saradhi, P., Yamal, G., Peddisetty, T., Sharmila, P., Singh, J., Nagarajan, R., Rao, K.S.	Root system of live plants is a powerful resource for the green synthesis of Au-nanoparticles	RSC Advances
Sharma, R.	Element free Galerkin modeling of radiative hydromagnetic micropolar flow saturated Darcy medium with heat transfer over a stretching sheet with Joule heating	Asia-Pacific Journal of Chemical Engineering
Barthwal, S., Chandola-Barthwal, S., Goyal, H., Nirmani, B., Awasthi, B.	Socio-economic acceptance of rooftop rainwater harvesting - A case study	Urban Water Journal
Mukesh Kumar Awasthi	Electrohydrodynamic capillary instability with heat and mass transfer	Ain Shams Engineering Journal
Mukesh Kumar Awasthi	Three-dimensional magnetohydrodynamic Kelvin-Helmholtz instability of cylindrical flow with permeable boundaries	American Institute of Physics-Physics of Plasma
Vineet K. Srivastava, M. Tamsir, Mukesh K. Awasthi, Sarita Singh	One dimensional coupled viscous Burger's equation and its solution by implicit logarithmic finite difference method	American Institute of Physics Advances
Jitendra K.Pandey, Sung-Hoon Ahn	A Special Issue on Bio-Based Technologies in Composites and Energy Applications	Journal of Biobased Materials and Bioenergy
Asthana R., Awasthi M.K., Agrawal G.S.	Magnetoviscous potential flow analysis of Kelvin-Helmholtz instability with heat and mass transfer	Applied Mathematical Modelling
Agrawal K.K., Jain S.K., Jain A., Dahiya S.	A life cycle environmental impact assessment of natural gas combined cycle thermal power plant in Andhra Pradesh, India	Environmental Development
Awasthi M.K.	Study on Kelvin-Helmholtz instability of cylindrical flow with mass and heat transfer through porous medium	Journal of Porous Media
Srivastava V.K., Awasthi M.K.	(1 + n)-Dimensional Burgers' equation and its analytical solution: A comparative study of HPM, ADM and DTM	Ain Shams Engineering Journal
Dasila P.K., Choudhury I.R., Saraf D.N., Kagdiyal V., Rajagopal S., Chopra S.J.	Estimation of FCC feed composition from routinely measured lab properties through ANN model	Fuel Processing Technology
Sachin kumar, Vimal C. Srivastava, and Rajender P. Badoni	Oxidative Desulfurization of Dibenzothiophene by Zirconia-Based Catalysts	International Journal of Chemical Reactor Engineering
Karan Kapoor, Krishan K. Pandey, A.K. Jain, Ashish Nandan	Evolution of solar energy in India: A review	Renewable and Sustainable Energy Reviews

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Mukesh Kumar Awasthi	Viscous correction for the viscous potential flow analysis of Kelvin–Helmholtz instability of cylindrical flow with heat and mass transfer	International Journal of Heat and Mass Transfer
Prabha K. Dasila, I.R. Choudhury, D.N. Saraf, V. Kagdiyal, S. Rajagopal, S.J. Chopra	Estimation of FCC feed composition from routinely measured lab properties through ANN model	Fuel Processing Technology
Mukesh Kumar Awasthi	Kelvin–Helmholtz instability with mass transfer through porous media: Effect of irrotational viscous pressure	Journal of Hydrodynamics
Mukesh Kumar Awasthi	Nonlinear Rayleigh–Taylor instability of cylindrical flow with mass transfer through porous media	International Communications in Heat and Mass Transfer
Kuldeep K. Agrawal, Suresh Jain, Arvind K. Jain, Sunil Dahiya	A life cycle environmental impact assessment of natural gas combined cycle thermal power plant in Andhra Pradesh, India	Environmental Development
Pravin D. Kunte, Nitesh Jauhari, Utkarsh Mehrotra, Mahender Kotha, Andrew S. Hursthouse, Alexandre S. Gagnon	Multi-hazards coastal vulnerability assessment of Goa, India, using geospatial techniques	Ocean & Coastal Management,
Gagan Anand, Piyush Kuchhal & P. Sarah	AC and DC Conductivity Studies on Lead Free Ceramics: Sr <sub>1-x</sub> CaxBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> (X = 0, 0.2, 0.4, 0.6, 0.8)	Particulate Science and Technology
Vivek Rathore, Sudha Tyagi , Bharat Newalkar, and R. P. Badoni	Glycerin free synthesis of Jatropha & pongamia Biodiesel in super critical Di methyl and Di ethyl carbonate	Industrial and Engineering Chemistry Research
Vickram Sahai, Arvind Kumar Jain and P C Bahuguna	Bridging the gap – interpersonal communication orientation to improving customer service	Industrial and Commercial Training
Vickram Sahai and Arvind Kumar Jain	'Responsible service quality	Strategic HR Review
Sanket, Goel., Venkateswaran, P.S., Rahul, Prajesh., Ajay, Agarwal	Rapid and Automated Measurement of Biofuel Blending using a Microfluidic Viscometer	Fuel
Vineet K. Srivastava, Nachiketa Mishra, Sunil Kumar, Brajesh Kumar Singh, Mukesh K. Awasthi	Reduced differential transform method for solving (1 + n) – Dimensional Burgers' equation	Egyptian Journal of Basic and Applied Sciences
Vineet K. Srivastava, Mukesh K. Awasthi, R.K. Chaurasia	Reduced differential transform method to solve two and three dimensional second order hyperbolic telegraphic equations	Journal of King Saud University - Engineering Sciences
Stalin Kondaveeti, Sanjay Kumar, Meenakshi S. Ganesan and Arup K. Siddhanta	Galactans of Gracilaria pudumadensis (Gracilariales, Rhodophyta) of Indian Waters [In Press]	Natural Product Communications

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Venkateswaran, P. S., Diwakar, Kashyap., Ajay, Agarwal. & Sanket, Goel	Computational Analysis of a Microfluidic Viscometer and its application in the Rapid and Automated Measurement of Biodiesel Blending under Pressure Driven Flow [In Press]	Journal of Computational and Theoretical Nanoscience
Palit, S.	New dimensions of sustainable development and disaster risk reduction-an Indian perspective	Pollution Research
Srivastava, V.K., Tamsir, M., Awasthi, M.K., Singh, S.	One-dimensional coupled Burgers' equation and its numerical solution by an implicit logarithmic finite-difference method	AIP Advances
Kumar Awasthi, M.	Three-dimensional magnetohydrodynamic Kelvin-Helmholtz instability of cylindrical flow with permeable boundaries	Physics of Plasmas
Mishra, V., Balomajumder, C., Agarwal, V.K.	Biological removal of heavy metal zinc from industrial effluent by Zinc sequestering bacterium VMSDCM	Clean Technologies and Environmental Policy
Kumar Awasthi, M.	Evaporative capillary instability for flow in porous media under the influence of axial electric field	Physics of Plasmas
Agrawal, K.K., Jain, S., Jain, A.K., Dahiya, S.	Assessment of greenhouse gas emissions from coal and natural gas thermal power plants using life cycle approach	International Journal of Environmental Science and Technology
Awasthi, M.K.	Electrohydrodynamic Kelvin-Helmholtz instability with heat and mass transfer: Effect of perpendicular electric field	Ain Shams Engineering Journal
Agarwala, P., Makkar, P., Sharma, S., Garg, R.	The Effect of Heat Treatment of TiO <sub>2</sub> Nanoparticles on Photovoltaic Performance of Fabricated DSSCs	Journal of Materials Engineering and Performance
Awasthi, M.K.	Study on electrohydrodynamic capillary instability of viscoelastic fluids with radial electric field	International Journal of Applied Mechanics
Arora, A.K., Sharma, M., Kumari, R., Jaswal, V.S., Kumar, P.	Synthesis, characterization, and magnetic studies of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles	Journal of Nanotechnology
Nair, S., Siddiqui, N.	Safety culture and basic risk management principles	Journal of Industrial Pollution Control
Chu, Won-Shik, Jitendra K. Pandey, and Sung-Hoon Ahn	Fabrication of Bio-Composite Scaffold for Implantable Drug Delivery System (DDS).	Journal of Biobased Materials and Bioenergy
Dr. Ratna Banerjee	Pedagogy of Education: A Prelude to Right to Education?	GND University Amritsar with Bharat Publication
Dr Ankur Kumar Rastogi	The Effect of Sales Training on the Competence of Sales Personnel as well as the Growth in Sales	International Journal of Marketing Financial Services and Management Research, ISSN: 2277-3622, Vol. 3, Issue 6

## COMES

Authors	Title	Source title
Tiwari,A.K,Bhanja, N.Dar A.BIslam,F	Time-frequency relationship between shareprinces and exchange rates in India:Evidence from continuous wavelets	Empirical Economics
Ananda Kumar V, Pandey,KK,Punia, D K	Cyber Security threats in the power sector: Need for adomain specific regulatory framework in India	Energy Policy
Kalyani, K.A.,Pandey,K K	Waste to Enrgy Status in India: A short review	Renewable and Sustainable Energy Reviews
Niyati Bhania	Revisiting the Doctrine of Purchasing Power Parity through Quantile Regression and Wavelets	IUP Journal of Applied Economics, Vol: XIII, No.1
Dr. Sumeet Gupta	Factor Affecting Energy Demand (oil, gas, coal, power): An Indian Perspective	Edited Book of PDPU
Dr Vinay Kandpal	A Comparative Study Of Selected Public & Private Sector Equity Diversified Mutual Fund Schemes In India'	IOSR Journal of Business and Management, Volume 16, Issue 1. Ver. V (Feb. 2014), PP 92-101
Mr Neeraj Katari	Managing Expatriates in Multinational and Transnational Corporations	Asian Journal Of Business And Economics, Volume 3, No. 3.4 Quarter IV, 2013, ISSN : 2231-3699
Dr. Priya Grover	An analytical study of effect of family income and size on per capita household solid waste generation in developing countries" in "Review of Arts and Humanities	International Journal under the aegis of American Research Institute for Policy Development, ,ISSN:2334-2927(Print),ISSN:2334-2935(Online)
Prof A L Rao	Human Resource Accounting: A framework for better Financial Accounting and Reporting	IOSRJBM e-ISSN: 2278-487X, p-ISSN: 2319-7668. Volume 16, Issue 4. Ver. I (Apr. 2014), PP86-90 an IOSR journal
Dr. Neeraj Anand	Issues and challenges in supply chain of F&V produce in Uttrakhand	Doon University, 10th May.
Dr. Ashish M. Urkude	Leading and Empowering Employability through Self-Awareness and Self-Management	ACME International Journal

## Book Published

S. No.	Title	Publisher	ISBN Number	Authors
1	Interference and Path Loss of Cellular Technology	Lambard academic	978-3-659-47189-6	Ranjan Mishra
2	Equation of State and Its Application in condensed matter	Scholar Press	ISBN 978-3-639-71808-9	Piyush Kuchhal
3	Complex dielectric Studies of biological tissues	Scholar Press	ISBN 978-3-639-71806-5	Gagan Anand
4	Bit error rate analysis of WiFi and WiMax	Lambart Academic Publications, Germany	978-3-695-37289-6	R. K. Chaurasia, M. K. Awasthi, P. Sharma
5	An Introduction of Recent Optimization Techniques	Scholars' Press	978-3639-51755-2	Sangeeta Pant
6	Business Mathematics	Ardent Publications	938148101-6	Dr S K Banerjee and Dr Ratna Banerjee
7	Engineering Mathematics-I	Aanad Publications Meerut	978-93-82975-39-7	A. D. Kothiyal, M. K. Awasthi , A . Chauhan
8	Interference and Path Loss of Cellular Technology	Lambard academic	978-3-659-47189-6	Ranjan Mishra
9	Equation of State and Its Application in condensed matter	Scholar Press	ISBN 978-3-639-71808-9	Piyush Kuchhal
10	Complex dielectric Studies of biological tissues	Scholar Press	ISBN 978-3-639-71806-5	Gagan Anand
11	Bit error rate analysis of WiFi and WiMax	Lambart Academic Publications, Germany	978-3-695-37289-6	R. K. Chaurasia, M. K. Awasthi, P. Sharma
12	An Introduction of Recent Optimization Techniques	Scholars' Press	978-3639-51755-2	Sangeeta Pant
13	Business Mathematics	Ardent Publications	938148101-6	Dr S K Banerjee and Dr Ratna Banerjee
14	Engineering Mathematics-I	Aanad Publications Meerut	978-93-82975-39-7	A. D. Kothiyal, M. K. Awasthi , A . Chauhan
15	Numerical Methods for Engineers, Third Edition. (affiliation: UPES DDN)	New Age International Publishers (formerly Wiley Eastern), New Delhi,		SK Gupta

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16	Numerical Methods for Engineers, Third Edition (affiliation: IITK)	New Academic Science, UK		S. K. Gupta
17	Book Chapter Application-of-Cloud-Computing-in-Library-Information-Service-Sector	IGI Global	ISBN13: 9781466646315 and ISBN10: 1466646314	Ajay Rawat
18	Chapter in a Book : Law of Conversion of Pain. Book: Narrativizing The Margins – Border and Beyond.		978-93-83183-00-5	Dr. Rati Oberoi
19	Development and behaviour of aluminium alloy -ash particle metal matrix composite using casting techniques.	Bubok publishers,Italy	ISBN : 14399527	Yeshvir singh, amneesh singla
20	Metal Complexes of Sulfur Containing Ligands	LAP Lambert Academic Publishing, Germany, 2014	ISSN 978-3-659-40794-9	Dr. Shailey Singhal
21	Estimation of Ofloxacin and Ornnidazole in Tablet Dosage form	LAP Lambert Academic Publishing, Germany	978-3-659-38373-1	Dr. Shailey Singhal
22	Practical book of chemical and biochemical preparation	Innovare Scientific Publisher	978-81-928286-0-2	Dr. Shefali Arora
23	Polysaccharides of Some Green Seaweeds of Indian Coast- Physicochemical studies on polysaccharides of Chaetomorpha antennina and Chamaedoris auriculata,	Lambert Publishing House, Germany	978-3-659-40553-0	Prasad G, Kumar S.
24	Liquefied Petroleum Gas Cylinder Testing	Lambert	978-3-659-55708-8	Dr. N .A. Siddiqui ,Ramakrishna Akula and Sojan Lal
25	Environmental Impact Assessment of Doon city	Lambert	978-3-659-41256-1	Dr. N .A. Siddiqui & Dr. Parag Diwan
26	Silver metallized Semiconductor mediated metal oxide nanoparticles	Scholars' Press, Germany	978-3-639-71762-4	Dr K Mohan Reddy
27	Book Chapter: "Biometric: Authentication and Service to Cloud" in Handbook on "Securing Cloud-Based Databases with Biometric Applications	IGI Publishers, October, 2014.	ISBN13: 9781466646315 and ISBN10: 1466646314	Ajay Rawat

## BRIEF FACULTY PROFILE

### COLLEGE OF ENGINEERING STUDIES

#### DEPARTMENT OF PHYSICS

Name	Designation	Qualification	Specialization
DR. PIYUSH KUCHHAL	Sr. Associate Professor	<i>B. Sc, M. Sc, PhD (Physics)</i>	Physics Standardization
DR RAJEEV KUMAR GUPTA	Associate Professor	<i>Graduation, Post Graduation, Ph. D</i>	Synthesis of superhydrophobic, oleo phobic, 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	<i>B.Sc,M.Sc,Ph.D, Post-Doctoral, IIT Roorkee</i>	Nanotechnology, Thin films solar cells, Materials for hydrogen storage
DR. GAGAN ANAND	Assistant Professor Selection Grade	<i>B.Sc (Physics), M.Sc (Physics), Ph.D (Physics)</i>	Applied Physics
DR. KANAK PAL SINGH PARMAR	Assistant Professor Selection Grade	<i>B.Sc (PCM) M.Sc (Physics, Solid State, Semiconductor and Electronics) M.Tech (Applied Optics) Ph.D (Soft Condensed Nano-materials)</i>	Physics of Soft Condensed Nano-materials
DR. SANTOSH DUBEY	Assistant Professor Selection Grade	<i>B.Sc (PCM) and M.Sc (Physics), M.S. Computational Science (Physics) and Ph.D in Computational Science (Material Science)</i>	Physics, Nuclear Engineering, Material Science
DR SANTOSH KUMAR JOSHI	Assistant Professor Selection Grade	<i>B.Sc (PCM), M.Sc (Physics-Electronics), Ph.D (Physics- Solid State Physics)</i>	Engineering Physics, Thermodynamics, Engineering Materials, Optical Instrumentation, Optoelectronics, Structure & Properties of Materials, Measurement Techniques,

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			Introduction to Nanoscience & Technology
DR. RISHI DEWAN	Assistant Professor - Selection Grade	<i>M.Sc (Physics with Electronics), M-TQM (Masters in Total Quality Mgt.), PhD (Physics)</i>	Physics
DR. B.S. TEWARI	Assistant Professor - Selection Grade	<i>B.Sc, M.Sc (Physics), PhD (Physics)</i>	Engineering Physics, Quantum Mechanics and Computational Physics
DR. KAILASH PANDEY	Assistant Professor Senior Scale	<i>B.Sc (Physics, Chemistry &amp; Mathematics), M.Sc (Physics) Ph.D (Major- Physics, Minor- Computer Science)</i>	Engineering Physics 1, Engineering Physics, Laser system and Applications
DR. MANJEET SINGH GOYAT	Assistant Professor Senior Scale	<i>B.Sc (Computer Science), M.Sc (Physics), M.Tech (Nano Science &amp; Technology) Ph.D</i>	Nano Science & Technology
DR. PRASANTHA MANDAL	Assistant Professor Senior Scale	<i>B.Sc. (Physics), M.Sc. (Physics - Solid State Physics), M.Tech. (Cryogenic Engineering), Ph.D. (Physics (Expt. Cond. Matt.),</i>	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.
SATYAPAL SINGH RATHORE	Assistant Professor Senior Scale	<i>M.Sc in Physics, M.Tech New Materials &amp; Processing Technology) Ph.D (Pursuing)</i>	Material Science
DR. SUDESH SHARMA	Assistant Professor Senior Scale	<i>B.Sc, M.Sc (Physics), PhD(Experimental Condensed Matter Physics - IIT Delhi)</i>	Scene & technology of thin Films, Materials Technology, Vacuum Science & Cryogenics, Solid State Physics, Mathematical Physics, Digital Electronics

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TARUN GARG	Assistant Professor Senior Scale	<i>B.Sc. in Physics ,M.Sc. in Physics M.Tech. in Nanoscience &amp; Nanotechnology ,Pursuing Ph.D.</i>	Material Science
DR. ARCHANA DHYANI	Assistant Professor	<i>B.Sc.,M.Sc., Ph.D,</i>	Theory and modeling of quantum transport in Nano-structured superconducting
DR. KAMAL PREET KAUR	Assistant Professor	<i>B.Sc(Physics H), M.Sc(Physics H), M.Tech(Material science &amp; Engg.), Ph.D</i>	Physics
DR. NIPPANI SATYA KRISHNA	Assistant Professor	<i>B. Sc. (Electrical Engg) M.Sc.(Electrical Engg), PhD</i>	Electronics & Physics

## Department of Chemistry

DR. PANKAJ KUMAR	Associate Professor	<i>B.Sc., M.Sc. (Organic Chemistry), M.Phil. (Analysis of Gall Bladder Stones and the Relation Between Constituents and the Age of Patients), Ph.D Electroanalytical Studies on Some Ionic Sensors for Heavy Metals</i>	Organic Chemistry, Industrial & Environmental Chemistry and Analytical Techniques
DR. BHAWNA YADAV LAMBA	Associate Professor	<i>B.Sc (CBZ), M.Sc in Organic Chemistry, M.E in Polymer Technology, Ph.D,</i>	Biofuels, Polymers
DR. SHAILEY SINGHAL	Associate Professor	<i>B.Sc, M.Sc. (Chemistry), CSIR NET (Chemical Sciences), Ph.D. (Chemistry)</i>	Organic Chemistry and Organometallics
DR. JITENDRA KUMAR PANDEY	Assistant Professor Selection Grade	<i>B.Sc (Chemistry &amp; Biology) M.Sc (Organic Chemistry) Ph.D (Chemistry &amp; Polymer Sciences)</i>	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
DR. K.S.R. MURTHY	Assistant Professor - Selection Grade	<i>B.Sc (Chemistry), M.Sc (Environmental Science ,), M. (Analytical Chemistry) PhD: Chemistry</i>	Analytica, Physical, Industrial & Environmental Chemistry Advanced Instrumentation, Waste Water Treatment, Removal of heavy metals, Soil analysis, Food analysis

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DR. SAIKAT DUTTA	Assistant Professor Selection Grade	<i>B.Sc , M.Sc , Ph.D,</i>	Chemistry
DR. SANJEEV KUMAR	Assistant Professor - Selection Grade	<i>B.Sc (Chemistry Hons), M.Sc (Applied Chemistry) (Chemical Sciences), PhD (Applied Chemistry)</i>	Organic Chemistry and Nanoscience
DR. K MOHAN REDDY	Assistant Professor - Senior Scale	<i>B.Sc, B.Ed, M.Sc, Ph.D</i>	Chemistry General, Organic Chemistry, Industrial Material, Inorganic Chemistry, Physical Chemistry, Spectroscopy
DR. GIRIDHAR JOSHI	Assistant Professor Senior Scale	<i>B.Sc., M.Sc., Ph.D,</i>	Green Synthetic Chemistry Material Science Alternate Energy Bio Fuels Heterogeneous Catalysis
SHILPI AGARWAL	Assistant Professor Senior Scale	<i>B. Sc (Chemistry), M. Sc (Chemistry), CSIR-NET (Chemical Engineering), U.P.SLET (Chemical Engg), PhD (Pursuing)</i>	Organic Chemistry
DR. KAMAL KUMAR BISHT	Assistant Professor	<i>B.Sc,M.Sc, Ph.D in Chemical Science,</i>	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	<i>B.Sc (PCM) M.Sc (Chemistry) Ph.D in Chemistry</i>	Nanomaterials, Drug Sensor, Chemistry of Natural Products, Molecular Catalysis
DR. SANJAY KUMAR	Assistant Professor	<i>B.Sc., M.Sc.,B.Ed,Ph.D.,</i>	Natural Product Chemistry, Chemistry of Biopolymers, Value added products from biomass, Metal Nano particles
DR. SHEFALI ARORA	Assistant Professor	<i>B.Sc, M.Sc, Chemistry(Organic) Ph.D : Chemistry (Organic)</i>	Chemistry



## Department of Mathematics

DR. SHYAMAL KUMAR BANERJEE	Senior Professor cum Associate Dean - COES	<i>B.Sc., M.Sc., Ph.D,</i>	Special and General Theory of Relativity and Cosmology
DR. MUKESH KUMAR SINGHAL	Associate Professor	<i>B.Sc, M.Sc (Mathematics), Ph D (Mathematical Modeling &amp; Simulation-)</i>	Industrial Mathematics
DR AKMAL HUSAIN	Assistant Professor Senior Scale	<i>B.Sc, M.Sc, Ph.D</i>	Mathematics
DR. AMIT KUMAR SINGH	Assistant Professor Senior Scale	<i>B.Sc,M.Sc,, Ph.D in Mathematics.</i>	Fuzzy Topology, Applications of Fuzzy Sets & Systems, Numerical Analysis, Linear Algebra, Real Analysis, Differential Equations, Complex Analysis, Fluid Mechanics
DR ANUJ KUMAR	Assistant Professor Senior Scale	<i>B.Sc (PCM), M.Sc (Maths &amp; Computer Science), Ph.D (Maths &amp; Electronics &amp; Communication Engg</i>	Mathematics
DR. ASHA RAM GAIROLA	Assistant Professor Senior Scale	<i>B.Sc, M.Sc (Mathematics), Ph.D (Mathematics)</i>	Approximation Theory, Real & Complex Analysis, Functional Analysis, Numerical Analysis
DR. MITHILESH SINGH	Assistant Professor Senior Scale	<i>B.Sc, M.Sc(Mathematics), Ph.D</i>	Engineering Mathematics, Advanced Engineering Mathematics, Fluid Mechanics
DR. MUKESH KUMAR AWASTHI	Assistant Professor Senior Scale	<i>B.Sc,M.Sc(Mathematics, Ph.D</i>	Mathematics
DR NITIN UNIYAL	Assistant Professor Senior Scale	<i>B.Sc, M.Sc, M.Phil, Ph.D</i>	Mathematics
DR. PRADEEP MALIK	Assistant Professor Senior Scale	<i>B.Sc,M.Sc,Ph.D</i>	Engineering Mathematics-I, II & III, Numerical Methods in C
DR. VIPIN KUMAR	Assistant Professor Senior Scale	<i>B.Sc (PCM), M.Sc. (Mathematics), Ph.D (Mathematics)</i>	Mathematics
DR. PANKAJ KUMAR MISHRA	Assistant Professor Senior Scale	<i>B. Tech, M. Tech, PhD</i>	Engineering Mathematics
DR. RK PAVAN KUMAR PANNALA	Assistant Professor Senior Scale	<i>B.Sc. (Mathematics), M. Sc.(Mathematics), PhD</i>	Mathematics
DR. SHWETA SACHDEVA	Assistant Professor Senior Scale	<i>M.Sc.(Maths), M. Phil, PhD</i>	Mathematics
DR. ANUPAM BHANDARI	Assistant Professor	<i>B.Sc,M.Sc (Mathematics). Ph.D</i>	Mathematics

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DR. GIRISH DOBHAL	Assistant Professor	<i>B.Sc (PCM), M.Sc (Mathematics) Ph.D</i>	Mathematics
DR. MAHESHWAR PATHAK	Assistant Professor	<i>B.Sc., M.Sc.(Mathematics), Purvanchal Ph.D. (Mathematics),</i>	Special functions, Numerical Analysis, Applied Mathematics, Computational Mathematics, Differential equations
DR. PRATIBHA JOSHI	Assistant Professor	<i>B.Sc., M.Sc. (Applied Mathematics) Ph. D. (Elliptic Interface Problems - MNNIT, Allahabad)</i>	Numerical Analysis, Differential Equations Operational Research, Graph Theory Discrete mathematics, Advanced Modelling
DR. SANDEEP DIXIT	Assistant Professor	<i>B. Sc., M. Sc, PhD</i>	Operational matrices, Singular integral equation of Abel type, Advanced Numerical Method, theory of Distributions, Wavelets
DR. SANGEETA PANT	Assistant Professor	<i>B. Sc., M. Sc (Mathematics), PhD</i>	Mathematics
DR. VIVEK KUMAR	Assistant Professor	<i>B.Sc (PCM), M.Sc (Maths), M.Phil (Maths), Ph.D</i>	Mathematics
RAVI KIRAN MADDALI	Senior Lecturer	<i>B. Sc.(Mathematics), M. Sc (Applied Mathematics), PhD (Pursuing)</i>	Mathematical Modeling, Differential Equations, Theory of Games, Ant Colony Optimization, Soft Computing, Programming in MATLAB.

### Centre for Professional Communication

VICKRAM SAHAI	Assistant Professor Selection Grade	<i>B.A (Economics), PGDBA, PGD in PR, Masters(Mass Comm.), M. Phil (Journalism &amp; Mass Comm), PhD (Pursuing)</i>	Business Communication
DR. ASHA KAUSHIK	Assistant Professor Senior Scale	<i>B. Sc, B. Ed, M. A. English, PhD in English,</i>	Feminism, Feminist authors of Victorian Era, Contemporary Fiction and Critical Studies, social welfare and Professional Communication
DR. SHALINI VOHRA	Assistant Professor - Senior Scale	<i>B.A., M.A., Ph.D Degree, Gurukul University, Haridwar</i>	English Language & Literature Professional & Business Communication Literature for spiritual Development & Enlightenment

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HARISH C. B	Assistant Professor Senior Scale	<i>B.Tech(CSE), Masters of Design</i>	Mechanical Engineering
ANAND PRAKASH PATHAK	Assistant Professor Senior Scale	<i>B.A, M.A, M.Phil</i>	English ( Language)
DR. RADHIKA BANSAL PASRICHA	Assistant Professor Senior Scale	<i>B.A, M.A (English Literature), B.Ed, Advance Diploma in French Language, PhD(English)</i>	Soft Skill, Corporate Communication, English Language
DR. RATI OBEROI	Assistant Professor Senior Scale	<i>B.A, MA(English Literature), PhD (English Literature)</i>	Professional Communication, English Literature
DR. LUXMI KASHYAP	Assistant Professor	<i>B.A, M.A (English), M.Phil (English), PhD</i>	Communication Skills & English Literature
P. L. L. ANNAPURNA	Senior Lecturer	<i>B.Com (Hons) M.A.(English Literature),M.Phil (English)</i>	Business Communication, Training & Development
ARUNABH BANERJEE	Lecturer	<i>B.Tech (Electronics &amp; Communication), Masters in Mass Communication,</i>	Mass Communication, Advertising & Public Relation, Marketing Management
M. SASI SEKHAR	Lecturer	<i>B. A., M. A. (English), PhD (Pursuing)</i>	Business Communication
NOOPUR JHA	Lecturer	<i>Bachelors in Mass Communication M.A. in Mass Communication - Media Management</i>	Mass Communication
AMIT NAUTIYAL	Lead Trainer	<i>M.A (History),</i>	Professional Communication
GAURAV PUNN	Assistant Trainer	<i>B.Tech in Electronics &amp; Communication ,M.A. in Mass Communication &amp; Journalism</i>	Aptitude & Personal Development Programme
HARSH VARDHAN SHARMA	Assistant Trainer	<i>M.A (History),</i>	Professional Communication
POOJA KHANNA	Assistant Trainer	<i>B.A. MBA (Marketing)</i>	Business Communication
NEHA NAGPAL	Assistant Trainer	<i>BBA(Marketing), MBA in Marketing &amp; HR</i>	Business Communication

## Centre for Information Technology (CIT)

DR. MANISH PRATEEK	Senior Professor	<i>B.Tech, M.Tech (Computer Engineering, Ph.D (Robotics))</i>	Computer Science Engineering, Robotics
DR. AMIT AGARWAL	Associate Professor	<i>B.E.(CSE), M.Tech in Information Technology, Ph.D (CSE)</i>	Computer Science & Engineering, Computer Networks, Grid & Cloud Computing, Real Time Systems, Operating Systems, Data Structures, OOPS
DR NEELU JYOTI AHUJA	Associate Professor	<i>B. Sc, Microsoft Certified Professional, M .Tech (IT), MBA, PhD (Geo Informatics)</i>	Computer Sciences
DR. AJAY PRASAD	Assistant Professor Selection Grade	<i>B.Sc, MCA, M.Tech (Computer Science), Ph.D (Pursuing)</i>	Computer Science Engineering
CHRISTALIN NELSON	Assistant Professor Selection Grade	<i>B.E. (EEE), M.E. (CSE) M.S. (IT), Pursuing Ph.D. (CSE)</i>	Sensor Networks, Active Networks, Network Security
DR. MANAS RANJAN PRADHAN	Assistant Professor Selection Grade	<i>B.Sc (Physics) M.Sc (Physics) M.Tech (Computer Science) Ph.D (Computer Science)</i>	Software Engineering, OOAD (Object Oriented Analysis & Design), Artificial Intelligence, Bioinformatics, Theory of Computation, DBMS, Computer Architecture, Computer Network
RAVI PRAKSH	Assistant Professor Selection Grade	<i>B.Sc (Statistics), MCS(DRDO), MCA, M.Tech(CS), PhD Pursuing</i>	Database Systems, Data Warehousing & Data Mining Management Information Systems, Discrete Mathematics & Graph Theory UNIX & C, Operating Systems, Distributed Database System E-Commerce
DR. VINAY AVASTHI	Assistant Professor Selection Grade	<i>B.Sc, M.Sc (IT), MCA, M.Phil (Computer Science) PhD</i>	Computer Science
VISHAL KAUSHIK	Assistant Professor Selection Grade	<i>B.Sc, PGDCA, M.Sc (Computer Science) and M. Tech (IT).</i>	Computer Science Engineering, Cryptography, Mobile Computing, E- Commerce & Web Technologies and Project Software Management.
NEERAJ CHUGH	Assistant Professor Selection Grade	<i>M.Sc.,M.Tech(Computer Science Engineering)</i>	Computer Science & Engineering/Information Technology
DR. G HANUMAT SASTRY	Assistant Professor Senior Scale	<i>B.Sc, M.Sc (Computer Science), M.Tech (Computer ScienceEngineering), Ph.D</i>	Computer Science & Engineering/Information Technology

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DR. INDER SINGH	Assistant Professor Senior Scale	<i>B.Com, M. Sc (IT), M.Tech (IT), PhD (CSE), Microsoft Certified Professional, IBM DB2, E-Commerce</i>	Data Communications and Networking, E-Business & E-Commerce, Network security, Management Information System, KM
JAGDISH CHANDRA PATNI	Assistant Professor Senior Scale	<i>B.Tech. (IT), M.Tech, P.hD (Pursuing)</i>	Data Base Management System (DBMS),Mobile Computing,Artificial Intelligence, E-Commerce, Data Structure, Design Analysis of Algorithms, Structured Query Language (SQL), Mobile Computing Computer Network
DR. M. VENKATADARI	Assistant Professor Senior Scale	<i>B.Tech (CSE) , M.Tech (IT), M.Tech (CSE) Ph.D (Pursuing)</i>	Data Structures Computer Graphics Software Engineering Artificial Intelligence Data Warehousing & Data Mining
DR. P S V S SRIDHAR	Assistant Professor Senior Scale	<i>B.Sc, MCA, M.Tech(IT), PhD</i>	Information Technology
DR PIYUSH CHAUHAN	Assistant Professor Senior Scale	<i>B.Tech (IT), M.Tech-CSE, Ph.D,</i>	Grid Computing
PRAKASH G L	Assistant Professor Senior Scale	<i>B.E, M.E (Computer Science Engineering), Ph.D (Pursuing)</i>	Data Structures, Algorithms, Logic Design, Microprocessor, Computer Networks, DMS, Performance Modeling
DR. KINGSHUK SRIVASTAVA	Assistant Professor – Senior Scale	<i>B.Sc (Physics) M.Sc (Physics - Electronics) M.Tech (Petro-informatics)</i>	Computer Science
AJAY RAWAT	Assistant Professor Senior Scale	<i>MCA, M.S, SCJP (Sun Certified Java Programmer), SCWCD(Sun Certified Web Component Developer), Microsoft Certified Professional</i>	Computer Networks, Network Security, Java, Enterprise Java
MONIT KAPOOR	Assistant Professor Senior Scale	<i>B.E (Electrical), PGDCA -, M.Tech (CSE)</i>	Mobile Computing, Distributed Computing, Data Mining, Programming Paradigm, Advanced Computer Architechture, Discrete Maths and Object Oriented Programming
ABHINEET ANAND	Assistant Professor	<i>Bachelor of Computer Science, Master of Computer Science., Master of Philosophy(Computer Sc)</i>	Theory of Automata, Operating System, Computer Architecture, Linux Administration,

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		<i>Master of Technology, Ph.D (Pursuing)</i>	Linux on Mainframe, Resource Allocation on Mainframe
ABHISHEK PANDEY	Assistant Professor	<i>B.Tech (CSE), M.E (Automated Manufacturing System), Pursuing Ph.D (Computer Science &amp; Engineering),</i>	Data Structure, Computer System Architecture, Information Technology (EEE Branch)
AJAY KUMAR	Assistant Professor	<i>B.Tech(CSE), M.tech(CS)</i>	Data Structure & Algorithm, Formal Language and Automata Theory, Computer Design, database Management, Network security & Cryptography
ANIL KUMAR	Assistant Professor	<i>B.E : Information Technology, B.Sc in Mathematics Honours M.E : Software Engineering Pursuing Ph.D</i>	Software Engg & IT
ANKIT KHARE	Assistant Professor	<i>B.E. (IT) M.Tech (CSE)</i>	Computer Science & Engineering/Information Technology
ANKUR DUMKA	Assistant Professor	<i>B.Tech, M.Tech,Pursuing Ph.D (MPLS),</i>	Networking, Software Designing, Computer Programming, Data Structure
ARUN KUMAR S.	Assistant Professor	<i>B.E (Computer Science), M.Tech Software Engineering, Pursuing Ph.D from UPES</i>	JAVA Programming, Network Simulation, Computer Science, Software Engineering
ARUN SINGH	Assistant Professor	<i>B.Tech in IT, M.Tech , Pursuing Ph.D,</i>	Embedded Systems, GIS, Transportation, Algorithms
BHAGWANT SINGH	Assistant Professor	<i>B.E. in Electronics &amp; Communication Engineering M.Tech in Geographic Information System &amp; Remote Sensing</i>	GIS Technologies, Principle of Remote Sensing, Database Management System, Digital Electronics
CHHAVI GUPTA	Assistant Professor	<i>B.Tech in Computer Science &amp; Engineering</i>	Wireless Sensor Network, Distributed System, Automata
CH. PREM KUMAR	Assistant Professor	<i>B.Tech(CSE), M.Tech(CSE)</i>	Computer Organization, Automata Theory, Design & Analysis of Algorithms, Datamining, Webtechnologies, Basics of C
DINESH KUMAR BAGHEL	Assistant Professor	<i>B.Tech (Computer Sc &amp; Engg.), M.Tech (GIS &amp; Remote Sensin</i>	Geographic Information System, Object Modelling, Evolutionary Computation
DIVYA NEGI	Assistant Professor	<i>BCA, MCA from, M.Tech (Part Time)</i>	Network Security And Cryptography, C, C++, Data Structure, Design and Analysis of Algorithms, Component Based Software Engineering

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GAUTAM KUMAR	Assistant Professor	<i>B.Tech in ECE, M.Tech. C.S., Pursuing Ph.D</i>	Computer Networks, Microprocessor & Microcontroller, Embedded system, Image processing, Computer system architecture
GUNJAN CHHABRA	Assistant Professor	<i>B.Tech in Computer Science Engineering, M.Tech in Artificial Intelligence &amp; Artificial Neural Network,</i>	Computer Science Engineering, Artificial Intelligence & Artificial Neural Network, Fundamentals of Computers & its Application
HITESH KUMAR SHARMA	Assistant Professor	<i>B.Sc (PCM), M.Sc (Physics), M.Tech (Software Engg - CSE) Ph.D (CSE - Pursuing)</i>	Computer Science
HUKAM SINGH RANA	Assistant Professor	<i>B.Sc., M.Sc. , (Mathematics,), M.Tech. (Computer Science &amp; Data Processing - Pursuing Ph.D</i>	Operating System Object-Oriented Programming Compiler Construction & Programming Languages Advanced Computer Organization Internet working technology Database Management System
NIHARIKA SINGH	Assistant Professor	<i>B.Tech in Electronics &amp; Communication, M.Tech in Artificial Intelligence &amp; Artificial Neural Networks,</i>	Information Technology, Artificial Intelligence, Artificial Neural Networks
NILANJANA PRADHAN	Assistant Professor	<i>B.Sc (Electronics), B.Tech (IT), M.Tech (IT), Pursuing MBA</i>	Operating Systems, Object Oriented Programming Concepts and Data Communication systems, Data Structures & Algorithm ,System Analysis and Design, Relational Database System, Data modeling, E-Commerce and Project Management
PANKAJ BADONI	Assistant Professor	<i>B.Tech (Computer Science &amp; Engineering) M.Tech (Information Technology - Human Computer Interaction)</i>	Computer Science & Engineering, Information Technology - Human Computer Interaction
P. SRIKANTH	Assistant Professor	<i>B.Tech(IT) ,M.Tech (Parallel Computing)</i>	C and Data Structures, Advanced Data Structures, Design and analysis of Algorithms. Operating Systems, IT Workshop, Automata compiler Design, Advanced Computer Architecture Distributed Computing, Mathematical Foundations of Computer Science

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POONAM KAINTHURA	Assistant Professor	<i>UG in Computer Science from Banasthali Vidyapith, PG in Computer Science</i>	Computer Science Engineering: Oil & Gas Informatics, GIS
PRATYUSH KUMAR DEKA	Assistant Professor	<i>B.Tech (Computer Science &amp; Engineering) M.Tech (GIS &amp; Remote Sensing)</i>	Database Management System, Advanced Data Modelling and GIS Technology
ROOHI SILLE	Assistant Professor	<i>B.Tech in Biomedical Engineering, M.Tech in Artificial Intelligence &amp; Artificial Neural Network,</i>	Artificial Intelligence & Artificial Neural Network
RASHMI SHARMA	Assistant Professor	<i>B.Sc (Hons.) in Computer Science, M.Sc in Computer Science, M.Tech in Computer Science, Pursuing Ph.D in Real Time Distributed System,</i>	Real Time & Distributed Systems, Data Structure, Theory of Computation
RAVI TOMAR	Assistant Professor	<i>B.Tech (CSE), M.Tech (CSE)</i>	Data Mining & Warehousing ,Distributed Systems, Multimedia Communications,Computer Networks, Wireless Communication
RAJEEV TIWARI	Assistant Professor	<i>B.Tech (CSE), M.Tech (CSE), Pursuing Ph.D (CSE) -</i>	Design and Analysis of Algorithms, Operating System, Computer Network, Hardware Technologies, C-Programming, Data Structures, Java Programming, Computer Architecture
SHUKUN TOKAS	Assistant Professor	<i>Graduation in Computer Scinec M.E. in Computer Science</i>	Computer Science, Data Structures, Computer Architecture, Software Engineering, Linux Environment
SOUMALYA GHOSH	Assistant Professor	<i>B.Tech, MS</i>	Computer Science
SUNIL KUMAR	Assistant Professor	<i>B.Tech (CSE), M.Tech (CSE), Pursuing Ph.D</i>	Computer Science
VIJAY KAMAL MADADI	Assistant Professor	<i>B.E(CSE), M.Tech(Software Engg), Ph.D Pursuing</i>	Human Computer Interaction, Information Security, Computer Networks, C & Data Structures,Software Design Engineering
VISHWAS RATHI	Assistant Professor	<i>B.Tech (Computer Science &amp; Engineering) M.Tech (Computer Science &amp; Engg)</i>	Semantic Web, Data Structure, Database Management System
GAGAN DEEP SINGH	Senior Lecturer	<i>Graduation in Computer Application, L.A.S M.Sc., C. S., IPS M.Phil, C. S., IPS Pursuing Ph.D</i>	Implementation and Application of ICT for System optimization and performance

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## Department of Petroleum Engineering & Earth Sciences

PROF. B. P. PANDEY	Distinguished Professor	<i>B.Sc. (Hons.); Petroleum Technology, M.Tech. (Chem. Engg.); Ph.D.(Chem.Engg.),</i>	Petroleum Engineering
DR. K.S MISRA	Distinguished Professor	<i>BSc, MSc (Geology),PhD (Exploration Geology &amp; Remote Sensing, University of Manitoba, Canada)</i>	Exploration Geology, Petroleum Geology, Remote Sensing
DR. SATISH KUMAR NANDA	Adjunct Professor	<i>B.E in Science &amp; Maths M.Sc. in Organic Chemistry Ph.D in Polymers</i>	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	<i>B.E (Chemical Engineering , Advance Management Program</i>	Petroleum Engineering, Production Engineering
DR. DHARMENDRA KUMAR GUPTA	Professor	<i>BE (Mechanical), ME (Analysis &amp; Design of Process Equipments),PhD(Drilling Engineering)</i>	Drilling Engineering
DR. M. R. SRINIVASAN	Professor	<i>B. E. (Chemical Engg ), M.B.A (Finance), Ph.D, Modified Value Engg applied to projects in ONGC,</i>	Interest area : Gas Processing, Petroleum Production Engg
DR. PUSHPA SHARMA	Professor	<i>B.Sc, M.Sc, Ph.D (Physical Chemistry)</i>	Reservoir Engineering (Petrophysical Studies, Reserve estimation EOR, Reservoir Simulation and modelling, Efacies and Reservoir characterization)

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DR. MANDIRA AGARWAL	Associate Professor	<i>M. Tech (Applied Geology), M. Phil (Geo-environment), Ph. D (Geo-environment)</i>	Oil & Gas Business
DR. PANKAJ KUMAR SRIVASTAVA	Associate Professor	<i>B.Sc, M.Sc (Geology), M.Tech (Applied Geology, PhD (Geology &amp; Geophysics, IIT Kharagpur)</i>	Remote Sensing, GIS, Geology, Geophysics
DR. V. L. NARSIMHAM	Associate Professor	<i>B. Sc (Geology), M. Sc (Geology), M. Tech (Geo-Informatics &amp; Surveying Technology, Ph. D (Geology &amp; Geo Physics)</i>	Geology and GIS
DR. U. KEDARESWARUDU	Associate Professor	<i>B.Sc., M.Sc. (Geophysics), UGC NET (Geophysics), M. Tech (Computer Science &amp; Engineering), Ph. D (Geophysics),</i>	Geophysics
DR. ARKA PRAVA MUKHERJEE	Assistant Professor Selection Grade	<i>B.Sc. (Hons) in Geology , M.Tech in Applied Geology, PhD in Geology + GIS, Post-Doctoral Degree,</i>	Petroleum Geology, Sedimentology, Shale Gas, Petroleum Operations, GIS, Basin Analysis, Remote Sensing, Oil Spill detection and mitigation technologies
DR. SAURABH MITTAL	Assistant Professor Selection Grade	<i>M.Sc in Applied Geology M.Tech in Earth and Environment Sciences Ph.D.,</i>	Electro- Magnetic Methods, Nuclear Geophysics, Exploration, Sub-surface Imaging, Radon Modeling, Remote Sensing and GIS
DR. J. DEVARAJU	Assistant Professor - Selection Grade	<i>B. Sc, M. Sc, PMDH (Hydrology) Ph. D (Geology)</i>	Geology
ASHISH AGGARWAL	Assistant Professor Senior Scale	<i>B.Sc(Geology(H)), M.Sc(Geology(H)), M.Sc Tech (GIS)</i>	Petroleum Engg
MD. ISMAIL IQBAL	Assistant Professor Senior Scale	<i>B.E (Mechanical Engg), M.Sc (Petroleum &amp; Gas Engg), Pursuing Ph.D</i>	Petroleum Engg
VAMSI KRISHNA KUDAPA	Assistant Professor Senior Scale	<i>B.Tech(Chemical Engg.), MS(Petroleum Technology)</i>	Drilling Technology, Natural Gas Engg., Chemical Process Calculations, Mass Transfer, thermodynamics
DR. UDAY BHAN	Assistant Professor – Senior Scale	<i>B.Sc, M.Sc (Applied Geology), M. Tech (Petroleum Exploration), PhD</i>	Petroleum Exploration

## Department of Chemical Engineering

DR. SHRIHARI	Sr. Professor cum Campus Director	<i>B.Tech (Chemical Engineering), M.Tech (Chemical Engineering), PhD (Chemical Engg)</i>	Chemical Engineering, Process Simulation
DR. ASHOUTOSH PANDEY	Professor	<i>B. Tech, M.Tech (Chemical Engineering , PhD (Chemical Engineering)</i>	Chemical Engineering
DR. PARICHAY KUMAR DAS	Distinguished Professor	<i>B.Sc Chemistry Honours, B.Tech in Plastics &amp; Rubber Technology, Ph.D in Chemical Engineering</i>	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	<i>M. Sc., Ph. D. (Chemistry)</i>	Refining Technologies & Combinatorial Chemistry
DR. NITYANAND CHOUDHARY	Adjunct Professor	<i>B.Sc. (Chemical Engg), M.Sc. &amp; Ph.D. (Chemical Engg)</i>	Chemical Engineering
PROF. S. K. GUPTA	Distinguished Professor	<i>B.Tech (Chemical Engg), M.Tech, PhD (Chemical Engg),</i>	Chemical Engineering
DR. G GOPALAKRISHNAN	Associate Professor	<i>B.Sc (Applied Sciences), M.Sc (Applied Chemistry), PhD (Heterogeneous Catalysis)</i>	Heterogeneous catalysis, Catalyst development for petroleum refining, Bio-fuels
BALASUBRAMANIAM MANIKANDAN	Assistant Professor Selection Grade	<i>B.E (Chemical Engineering), M.Tech (Chemical Engineering)</i>	Chemical Reaction Engineering, Heat Transfer, Petrochemical Technology, Fuels & Combustion, Mass Transfer, Down Stream Processing,

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			Mechanical Operations
NITEEN RAMCHANDRA YEOLE	Assistant Professor Selection Grade	<i>B.Tech(Petrochemicals), M.E (Chemical Engineering)</i>	Gas Processing Technology, Heat Transfer Process, Environment Management of Hydrocarbons, Separation Process, Basics of Petroleum Refining & Petrochemicals
RAJESHWAR MAHAJAN	Assistant Professor Selection Grade	<i>B. Tech (Chemical Engg,), M.E (Chemical Engg), PhD (Pursuing)</i>	Chemical Engg
DR. VIJAY PARTHASARTHY	Assistant Professor Selection Grade	<i>B.Tech (Chemical Engg), , M.Tech (Chemical Engg), , Ph.D (Chemical Engg), IIT Madras</i>	Chemical Engineering
CH VARA PRASAD	Assistant Professor - Selection Grade	<i>B. Tech, ME(Chemical Engg), PhD (Pursuing)</i>	Chemical Engineering
AMIT KUMAR THAKUR	Assistant Professor Senior Scale	<i>B.Tech in Chemical Engineering, M.Tech. in Chemical Engineering,</i>	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	<i>B.E (Chemical Engg), M.Sc (Gas Engg &amp; Mgmt, Pursuing Ph.D</i>	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	<i>B.Tech , M.Tech (Chemical Engineering), Pursuing Ph.D</i>	Computer Aided Process Plant Design

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K. S. RAJMOHAN	Assistant Professor - Senior Scale	<i>B.Tech (Chemical Engg) M.Tech (Surface Science &amp; Engineering) Pursuing Ph.D (Chemical Engineering),</i>	Chemical Engineering
ROSE HAVILAH PULLA	Assistant Professor Senior Scale	<i>B. Tech( Chemical Engg), M.E Petrochemical Engg), PhD (Pursuing)</i>	Chemical Engineering
SANDIP HASURAM GHARAT	Assistant Professor Senior Scale	<i>B.Tech in Chemical Engg M.Tech in Chemical Engg, Ph.D in Chemical</i>	Fluid Mechanics, Chemical Reaction Engineering, Solid-Fluid Operation, Chemical Process Calculations & Mass Transfer Operations-I
SUKANCHAN PALIT	Assistant Professor Senior Scale	<i>Bachelor's Degree in Chemical Engg, Diploma in Business Mgmt., Diploma in HRD, Diploma in Env Mgmt System &amp; ISO 14000/ 14001 , Master's in Chemical Engg Pursuing Ph.D</i>	Chemical Engineering
ADARSH KR. ARYA	Assistant Professor Senior Scale	<i>B.Tech (Chemical Engg), M.Tech (Chemical Engg), Ph.D (Pursuing)</i>	Chemical Engineering
RAHUL KUMAR	Assistant Professor Senior Scale	<i>M.Tech, IIT , Bombay, B.Tech, Ph.d Pursuing</i>	Chemical Engineering
GIRIDHAR VADICHLARLA	Assistant Professor	<i>B.E. (Hons.- Chemical Engg M.E. (Chemical Engg)</i>	Thermodynamics, Heat Transfer
LEENA KAPOOR	Assistant Professor	<i>B.Tech (Chemical Engg ), M.Tech (Chemical Engg), Pursuing Ph.D</i>	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	<i>B.Tech(Chemical Engg.), M.Tech(Gas Engg.)</i>	Chemical Engg.
T. SRINIVAS	Doctoral Research Fellow	<i>B.Tech (Chemical Engg), M.Tech (ChemicalEngg)</i>	Chemical Engineering

## Department of Mechanical Engineering

DR SURESH KUMAR	Professor	<i>B.Tech in Mechanical Engg, M.Tech in Management Studies, M.Tech in Energy Studies,</i>	Solar thermal including power plants, Refrigeration, Energy analysis of thermal systems
DR. RAMESH KUMAR JAMNADAS LALWANI	Distinguished Professor	<i>B.Sc (Engg.) ,M.Tech &amp; Ph.D</i>	Mechanical Engineering
DR RAJNISH GARG	Professor	<i>B.E.(Mechanical Engg), M.E (Metallurgical Engg), PhD (Materials Engg), Post Doctorate (Materials Technology)</i>	Materials Engineering
DR. PANKAJ KUMAR SHARMA	Associate Professor	<i>B. Tech, M. Tech (IIT Roorkee), PhD from UPES</i>	Mechanical Engineering
DR PRADEEPTA KUMAR SAHOO	Associate Professor	<i>B.Tech (Agricultural .Engg), M.Tech(Agricultural Engineering), PhD (Energy Studies, IIT –Delhi)</i>	Mechanical Engineering & Bio Fuels
DR. SHYAM PANDEY	Associate Professor	<i>BE, M.Tech Mechanical Engineering, IIT Roorkee), PhD (Pursuing)</i>	Mechanical Engineering
AJAY KUMAR	Assistant Professor Selection Grade	<i>B.E. in Mechanical Engg, M.E. in Design of Process Ph.D (Submitted-2014), MNNIT Allahabad</i>	Thermal, RAC, Turbo M/C, Composites manufacturing techniques, Vacuum Technology, FEM
DR. ATUL SIDOLA	Assistant Professor Selection Grade	<i>B.Tech (Production Engineering), M.Tech (Production &amp; Industrial Engineering), PhD (Mechanical Engineering - IIT Roorkee)</i>	Industrial Engineering, Robotics & Automation, Computer Aided Manufacturing, operation Research, Management of Manufacturing System, total Quality Management
DEEPAK KUMAR	Assistant Professor Selection Grade	<i>M. Tech (CAD/CAM), PhD (pursuing)</i>	CAD, CAM
DR. GARIMELLA VENKATA SUBRAHMANYAM	Assistant Professor Selection Grade	<i>B.Sc (Mathematics, Physics &amp; Chemistry), B.Tech in Chemical Technology, M.Sc in Chemistry Ph.D. in Mechanical &amp; Materials Engineering</i>	Materials Engineering, Inorganic Chemistry, Quantum Chemistry, Kinetic Dynamics,

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			Advanced Survey of Chemical Analysis, Computational Physical Chemistry, Advanced Organic Chemistry, ,
G. GOURIPATI SASTRY	Assistant Professor Selection Grade	B.E. (Mechanical Engg), M.Tech (Computer Integrated Manufacturing [CIM] )NITW, PhD (Pursuing)	Mechanical Engineering
NARAYAN KHATRI	Assistant Professor Selection Grade	B.E. (Mechanical Engineering), M.Tech (Non Ferrous Met.), PhD (Pursuing)	Mechanical Engineering
DR. P. SURESH KUMAR	Assistant Professor Selection Grade	B. Tech (Mechanical Engg), M.Tech (Thermal Engg), PhD	Mechanical Engineering & Thermal Engineering
P. S.RANJIT	Assistant Professor Selection Grade	DAE (Automobile), B.E (Automobile), M.E. (Mechanical Engineering), PhD (Pursuing)	Automobile Engineering
ASHISH KUMAR GAUTAM SARAN	Assistant Professor Senior Scale	B.Tech & M.Tech in Mechanical Engineering, IIT Bombay	Mechanical Engineering
DISHANT BENIWAL	Assistant Professor Senior Scale	B.E. (Metallurgical Engineering), M.Tech. (Material Science)	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 Engg,M.Tech. Mechanical Engg.	Industrial Organization and Management, Industrial Economics, Introduction to Environmental Engineering, Bearing and Lubrication, Fracture Mechanics, Corrosion Control Practices in Industries
JITENDRA YADAV	Assistant Professor Senior Scale	B.E. in Mechanical Engineering M.E. in Tribology & Maintenance Engineering	Tribology & Maintenance Engineering,

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		<i>Pursuing Ph.D</i>	Mechanical Engineering
RAMESH KUMAR DONGA	Assistant Professor Senior Scale	<i>B.Tech. (Mechanical Engineering), M. Tech. (Mechanical Engineering), Pursuing Ph.D from UPES</i>	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	<i>B.E (Mechanical Engineering), M.Tech (Maintenance Engg), PhD (Pursuing)</i>	Advanced Vibrations, Vehicle Dynamics, Noise Measurements Control & Analysis, Tribology & Bearing Design
S. ASHOK KUMAR	Assistant Professor Senior Scale	<i>B.E.. (Mechanical Engg), M.E. (Manufacturing Engg)</i>	CAD, CIM, Nano Technology, Robotics & Automation
SANTOSH KUMAR KURRE	Assistant Professor Senior Scale	<i>B.E (Mechanical Engg), M.Tech (Tribology &amp; Maintenance Engineering)</i>	Engineering Graphics, Basic Mechanical Engineering, Kinematics of Machine, Dynamics of Machine, Vibration and Product Design & Development Strategies.
SIDHARTH JAIN	Assistant Professor Senior Scale	<i>B.E / B.Tech in Mechanical Engineering M.E / M.Tech in Mechanical &amp; Production Pursuing Ph.D</i>	Mechanical Engineering, Materials Engineering, Production
AMNEESH SINGH SINGLA	Assistant Professor	<i>B.E (Mechanical Engg), M.E (Automotive Product Development - Pursuing Ph.D from UPES</i>	Automobile Engineering
ANIL BABU SANKURU	Assistant Professor	<i>B.Tech(Mechanical), M.Tech(Industrial Metallurgy)</i>	Mechanical Engineering

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DEEPAK BHARDWAJ	Assistant Professor	<i>B.Tech(Mechanical Engg), M.Tech (Robotics &amp; Automation), Pursuing Ph.D,</i>	Robotics & Control, Automation, CF, FEM, Solar Energy, Mechatronics
GEETANJALI RAGHAV	Assistant Professor	<i>B.Tech. in Industrial &amp; Production Engg, M.Tech. in Thermal Engineering Pursuing Ph.D</i>	Solar energy, heat and mass transfer, theory of machine
NATRAJ MISHRA	Assistant Professor	<i>B.E Hons(Mechanica Engg.), M.Tech, Ph.D Pursuing</i>	Instrumentation & control, Mechatronics, Mechanical Vibrations, Mechanics of Solids, thermodynamics
NIRMALYA TRIPATHI	Assistant Professor	<i>B.Tech(Mechanical Engg), M.Tech(Mechanical Engg)</i>	Engg. Mechanics, Fluid Mechanics, Heat Transfer, Thermodynamics
PRASHANT SHUKLA	Assistant Professor	<i>B.E. in Mechanical Engg M.Tech in Design Engg</i>	Mechanical Engineering
V SENTHIL KUMAR	Assistant Professor	<i>B.E (Mechanical Engineering), M.E (Automobile Engineering - MIT, Chennai)</i>	Thermal Engineering, Kinematics of Machinery
YASHVIR SINGH	Assistant Professor	<i>B.E. (Mechanical Engineering), M.Tech. (Mechanical Engineering-Pursuing Ph.D</i>	Alternative Fuels Waste Heat Utilization Internal Combustion Engines Composite Materials Automobile Engineering Applied Thermodynamics Internal Combustion Engines
SHIVAL DUBEY	Doctoral Research Fellow	<i>B.E (Automobile Engg), M.Tech (Robotics Engg),</i>	Mechanical Engg

## Department of Electrical Engineering

DR. KAMAL BANSAL	Professor cum Director -COES	<i>B.Tech.(Electrical Engg), M.Tech(Power Systems), Ph.D (Renewable Energy Engineering)</i>	Electrical Engineering, Project Management, Maintenance & Operations
NARENDRA B SONI	Associate Professor	<i>B.E, M.E (Power System Engineering), Ph.D(Pursuing)</i>	Electrical Power System, Renewal Energy, Energy Management & Conservation, Electromagnetic Fields
AMARNATH BOSE	Industry Fellow	<i>B.E. in Mechanical Engg, Diploma in Management, Certificate in Statistical Methods with Specialization in Operation Research &amp; Statistical Quality Control, MS in Engineering, Pursuing Ph.D,</i>	Plant Layout optimization for Boiler & Turbine House & Balance of Plant (BOP) Systems for Thermal Power Plants
RAM MOHAN SHARMA	Industry Fellow	<i>B.tech (Electrical Engg), M.Tech (Electrical Engineering - Pursuing)</i>	Power Plant Maintenance, Testing & Instrumentation
DR. DEVENDER KUMAR SAINI	Assistant Professor Selection Grade	<i>B.E. (EE),M.Tech (EE) Ph.D</i>	Circuit Theory, Control Systems, Robust Control, Electrical Machines, System Optimization
MADHU SHARMA	Assistant Professor Selection Grade	<i>B.E. (Electrical Engg) , Certificate in Computing (Computers) M. Tech.(Power System), Ph.D (Pursuing)</i>	Electrical Engineering
VINEET MEDIRATTA	Assistant Professor Selection Grade	<i>BE (Electrical) M. Tech (Electrical-Control &amp; Instrumentation), Ph.D (Pursuing)</i>	Electrical Engineering
AGAM KUMAR TYAGI	Assistant Professor Senior Scale	<i>B.E. M. Tech(Electrical Engg), Phd (Pursuing)</i>	Power Electronics & Measurements
CHARU SHARMA	Assistant Professor Senior Scale	<i>B.Tech in Instrumentation &amp; Control, Graphic Era Institute of Technology, Dehradun M.Tech in Power Systems, Pursuing Ph.D in Power Systems,</i>	Electrical Engineering, Wide Area Measurement Systems & Smart Grids, Power Systems stability & Control,

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			Applications of Artificial Intelligent Techniques in Power Systems
DHRUV SHARMA	Assistant Professor Senior Scale	B.Tech (Electrical Engg.), M.S(Electrical Engg.)	Basic Electricals I and II, Power Systems, Power System Stability
JAGDEEP KAUR	Assistant Professor - Senior Scale	B.Tech (Electrical Engineering) M.Tech (Power Electronics & Electrical Machines & Drives)	Power Electronics & Electrical Engineering
ISAAC R.	Assistant Professor	B.Tech. (Electrical & Electronics Engineering), M.Tech. (Electrical & Electronics Engineering) Pursuing Ph.D	Power Systems, Power Electronic, Basic Electrical Engineering, Electrical Machines, Electrical Distribution Systems, Power Systems Operation and Control, Distribution Automation, Advanced Power System, Protection, Power Quality
RAMANA MANOHAR REDDY B	Assistant Professor	B.Tech (Electrical & Electronics Engg), M.Tech (Power Electronics & Drives), Pursuing Ph.D from UPES	Electrical Engg
SAURABH BISWAS	Assistant Professor	B.E (EEE), M.Tech (Energy Systems)	Electrical & Electronics Engineering, Energy Systems

### Department of Electronics & Instrumentation Engineering

DR SANKET GOEL	Associate Vice President- Research & Associate Professor	B.Sc Hons- Physics (Optics), M.Sc- Physics (Fiber Optics), Ph.D- Electrical & Computer Engineering (Microfluidics & Photonics), MBA- Executive (International Business & Marketing)	Microfluidics & Photonics, Fiber Optics
SUSHABHAN CHOWDHURY	Associate Professor	B.Tech(ETC), M.Tech(ElectronicDesign & Technology)	Electronics & Communication

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N. PRASHANTHI KUMARI	Assistant Professor Selection Grade	<i>B. Tech(ECE), M. Tech (Digital Sys &amp; Computer Engg), Ph.D (Pursuing)</i>	Electronics & Telecommunications
RANJAN MISHRA	Assistant Professor Selection Grade	<i>M.Tech (Microwaves), Ph.D (Pursuing)</i>	Communication Theory, Digital Communication, Mobile & Cellular Communication, Information Theory & Coding, Optical Communication, Remote Sensing, Wireless Communication, Radar Systems, Multimedia System, Microwave Electronics, Signals & Systems, DSP, Data Communications & Networks
RAJESH SINGH	Assistant Professor Senior Scale	<i>BE (Electronics &amp; Communication Engg), M.Tech (Digital Communication), Pursuing Ph.D</i>	Electronics & Communication Engg
DR. ADESH KUMAR	Assistant Professor Senior Scale	<i>B.Tech in Electronics &amp; Communication Engg, M.Tech in Embedded Systems Technology, Ph.D in Engineering,</i>	Embedded System Design, VLSI Design, FPGA and SoC Design, Wearable Technology, RTOS, Microprocessors & Microcontrollers Linear Integrated Circuits
MUKUL KUMAR GUPTA	Assistant Professor - Senior Scale	<i>B. Tech (Electronics &amp; Instrumentation), M. Tech (Control System), Ph.D (Pursuing)</i>	Control System
DR. PAAWAN SHARMA	Assistant Professor - Senior Scale	<i>B.E. (ECE), M.Tech (Communication Systems), Ph.D</i>	Electronics, Signal Processing, Communication System, Model based Design
VIVEK KAUNDAL	Assistant Professor - Senior Scale	<i>B.Tech (Electronics &amp; Communication), M. Tech (Digital Communication), Pursuing Ph.D</i>	Digital Communication, Digital Signal Processing, Optoelectronics, Analog Integrated

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			Electronics, Wireless Communication, Embedded Technologies
ANITA	Assistant Professor	B.Tech in Electronics & Communication Engg, M.E. in Electronics & Communication Engg, Pursuing Ph.D,	Wireless Sensor Networks, Digital Electronics
ARPIT JAIN	Assistant Professor	B.E., , M.E (Electronics Instrumentation & Control), Pursuing Ph.D	Electronics & Instrumentation
B. KHALEELU REHMAN	Assistant Professor	B. Tech (Electronics & Communication Engg), M.Tech (VLSI), Pursuing Ph.D	VLSI Design Data Communication Systems T.V Engineering Digital Logic Design Digital Signal Processing Electromagnetic Waves & Transmission Lines
MD. SALAUDDIN	Assistant Professor	B.Tech (Electronics & Communication Engg ), M.Tech, Pursuing Ph.D	Switching Theory and logic design Control Systems, Micro Processors, Micro Controllers, Digital IC Applications Embedded Systems, Embedded and Real Time Operating Systems, Antennas and Wave Propagation, Electronic Circuit Analysis
ROUSHAN KUMAR	Assistant Professor	B.E (Electronics & Communication), M.Tech (Automotive Electronics), Pursuing Ph.D	Automotive Electronics
VINAY CHOWDHARY	Assistant Professor	B.Tech (Electronics & Communication) M.Tech (DECS)	Electronics & Communication Engineering
P. S. VENKATESWARAN	Research Scientist	B.E (Electronics and Communication), M.Tech (Nanoscience and Technology , Pursuing Ph.D	Nanolithography Techniques Nano Electronics and Sensors Wireless Communication and

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			Networks Signals and Digital Modulation
AMIT KUMAR MONDAL	Doctoral Research Fellow	<i>M.Tech (Robotics), B.Tech (Electronics &amp; Instrumentation),</i>	Electrical, Electronics & Instrumentation

## Department of Civil Engineering

DR. VIKAS GARG	Professor	<i>B.E (Civil), M.Tech (Water Resource Engg), Ph.D (Fluvial Hydraulics),</i>	Civil Engg
SUBHASH CHANDRA GUPTA	Senior Associate Professor	<i>BE (Civil), M. Tech (Stress &amp; Vibration Analysis), Phd (Pursuing)</i>	Structural Engg
MANOJ KUMAR YADAV	Assistant Professor Senior Scale	<i>B.Tech (Civil Engg.) M.Tech (Environmental Engg.)</i>	Civil Engineering
MOPIDEVI VIJAI KISHORE	Assistant Professor Senior Scale	<i>B.Tech (Civil) M.E. (Civil - Transportation Engineering)</i>	Civil Engg, Transportation Engg
RAVINDRA SHRIVASTAVA	Assistant Professor Senior Scale	<i>B. Tech (Civil Engg, M. Tech (Hydraulics &amp; Water Resource Engineering,, PhD (Hydraulics &amp; Water Resource Engineering,, Post Doctoral Fellowship (Conduit Flow &amp; Open Channel Flow, Post Doctoral Fellowship (River Hydrodynamics &amp; Turbulence,</i>	Open Channel & Closed Conduit Hydraulics, Open Channel & Pipeline Networks, Hydropower
A.N SHANKAR	Assistant Professor	<i>B.E (Civil) M. Tech (CADS)</i>	FEM, Matrix analysis of framed structures, Optimization Techniques, Composite Structures, STAAD, E-TABS, Stability of Structures, Reliability Analysis of Structures
MALINI PANDEY	Assistant Professor	<i>B.Tech in Civil Engineering, M.Tech in Soil Mechanics &amp; Foundation Engineering,</i>	Geotechnical Engineering, Highway Engineering
SUSANTA KUMAR SETHY	Assistant Professor	<i>B.Tech(Civil Engg.), M.Tech(Structural Engg.)</i>	Finite Element Method, RCC Design, Concrete Technology, theory of Structures, Building Materials

## Department of Health, Safety & Environment

DR NIHAL ANWAR SIDDQUI	Associate Professor	<i>M.S., Environmental Science, PhD (Environment)</i>	Health, Safety & Environment
DR. D V L REWAL	Adjunct Professor	<i>B.Sc, M.Sc (Organic Chemistry), Ph.D (Synthetic Studies in Hetero-steroids)</i>	Occupational Health Safety & Environment
BIKARAMA PRASAD YADAV	Industry Fellow	<i>B.Tech (Safety &amp; Fire Engineering) MBA (Safety &amp; Environment Management), M.Tech (HSE), Pursuing Ph.D</i>	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 . KANCHAN DEOLI BAHUKHANDI	Assistant Professor - Senior Scale	<i>B. Sc. (Environmental Science &amp; Water Resource Management) M. Sc(Environmental Science), PhD (Environmental Science Hydrochemistry, )</i>	Environmental Science
PRASENJIT MONDAL	Assistant Professor - Senior Scale	<i>B.Tech in Agricultural M.Tech in Environmental Science &amp; Engineering</i>	Environmental Engineering
DR. VADREVU SUJATHA	Assistant Professor - Senior Scale	<i>B. Sc(BZC) , MA(Anthropology),M. Ed, PGDFE,PhD</i>	Environmental Engineering
DHARANI KUMAR K	Assistant Professor	<i>B.Tech in Civil Engineering, M.Tech in Industrial Safety &amp; Engineering,</i>	Industrial Safety & Engineering: Safety Management, Construction Safety, HIRAC (Hazard Identification Risk Assessment & Control), EIAC (Environmental Impact Assessment & Control)
VENKATA KRISHNAKANTH .V	Assistant Professor	<i>B.Tech, M.Tech</i>	Fire Engineering, Electrical Safety Engg.
MADHUBEN SHARMA	Assistant Professor	<i>M.Sc.- Environmental Science Qualified U.G.C. NET Ph.D (Pursuing)</i>	Environmental Sciences

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ABHISHEK NANDAN	Lecturer	<i>B.Tech. in Biotechnology M.Tech. in Environment Engg &amp; Management</i>	Environmental Biotechnology, Waste Water Treatment, Evolution, Immobilization& Blotting Techniques, Bioprocess, Air Pollution, Pool Fire , Transportation and Solid Waste Management, Environmental Impact Assessment & Risk Assessment
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## Department of Aerospace Engineering

DR. UGUR GUVEN	Professor	<i>B.Sc (Aerospace Engg), , M.Sc (Nuclear Science &amp; Technology), , Ph.D (Aerospace Engg),</i>	CFD & Aerodynamics
DR. OM PRAKASH	Associate Professor	<i>B. E. (Aeronautical Engg), M.Tech (Aerospace Engg, Ph.D (Aerospace Engg)</i>	Flight Mechanics (Aircrafts, Rockets/Missiles, and Parafoil/Parachute System), Nonlinear Dynamics & Control, Bifurcation Methods, Flight Parameter Estimation.
DR. RAJ KISHORE TRIPATHI	Associate Professor	<i>AMIE(Mechanical Engg), , MTech (Machine Design Machines), PhD</i>	Fluid Mechanics, IC Engines, Alternate Energy Sources, Design of Turbomachines
SUDHIR JOSHI	Assistant Professor Selection Grade	<i>B.E. (Aeronautical Engg), M.E (Aerospace, Ph.D (Pursuing)</i>	Aerospace Engineering, Aerodynamics
PAVAN KUMAR NANDURI	Assistant Professor Senior Scale	<i>B.Tech (Electronics &amp; Communication), M.S (DSP &amp; VHDL Communications Engg - Oxford Brokers University, UK)</i>	Antennas & Microwaves, Electromagnetics, Electronics & Communications, RF & Radars, Analogue RF Design, VHDL

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VIJAY KUMAR PATIDAR	Assistant Professor Senior Scale	<i>M. Tech. AMEAS, Ph.D (Pursuing)</i>	Aerospace Engineering
A. J. ARUN JEYA PRAKASH	Assistant Professor	<i>B.E (Electronics &amp; Instrumentation), M.E (Avionics), Pursuing Ph.D</i>	Control Systems Digital Avionics & EMI/EMC Flight Instrumentation & Data Acquisition Aerospace Guidance and control Digital Fly By Wire Control Rocketry & Space Mechanics UAV System Design
LINSU SEBASTIAN	Assistant Professor	<i>B.E (Aeronautical Engg), M.Sc (Aerospace Engg), Pursuing Ph.D</i>	Aerospace Engg
KARTHIK SUNDARRAJ	Assistant Professor	<i>B.E (Industrial Engg &amp; Mgmt), M.Sc (Aerospace Engg), Pursuing Ph.D</i>	Aerospace Engg
M. RAJA	Assistant Professor	<i>B.E, M.E (Avionics) Pursuing Ph.D from UPES</i>	Digital Avionics Systems Flight Instrumentation Aircraft Structures and Flight Control Systems
DR. RAJESH YADAV	Assistant Professor	<i>B.E (Aeronautical Engg), Ph.D (Aerospace Engg)</i>	Aerospace Engineering
SUDHIR KUMAR CHATURVEDI	Assistant Professor	<i>B.E (Avionics), M.S (Ocean Engineering - Radar Technology), Pursuing Ph.D</i>	Fluid mechanics, Electrical Engineering, Communication & Navigation, Aeronautical Engineering, Satellite Communication, Radar Technology, Avionics System Design, Flight Theory
VINDHYA DEVALLA	Doctoral Research Fellow	<i>B.Teh (Electronics &amp; Instrumentation), M.Tech (Robotics Engg), UPES</i>	Avionics

## Department of Nuclear Science & Technology

DR. R . K. SHIVPURI	Distinguished Professor cum Senior Advisor	M.Sc. (Physics) , Ph.D. (High Energy Physics)	Nuclear Science
DR PRASHANT SHAMBHUDAYAL RAWAT	Associate Professor	B.Sc (Physics), M.Sc (Physics), PhD (Science)	Experimental Atomic, Molecular & Optical Physics
DR. SHIVARAMU	Distinguished Professor	M.Sc. in Nuclear Physics, Ph.D.in Nuclear Physics,	Gamma ray Computed and scattering tomography for radwaste assay and non-destructive examination. Electronic structure by Compton profile method, Electron bremsstrahlung studies, Photon and electron cross section studies, Radiation Detection and Measurement and public awareness on nuclear energy
DR. VELIDI VSS GURUNADH	Assistant Professor – Senior Scale	B.E (Mechanical), M.Tech (Energy Systems)	CFD

## SCHOOL OF DESIGN

ATUL KEDIA	Program Director - Design Programmes	B.E. in Mechanical , M.Des. (Industrial Design)	Mechanical Engineering: Industrial Design, Engineering & Analysis, prototyping, Implementation, Research & development
PIYUSH GOGHARI	Design Fellow	Professional Education Programme in Product Design	Product Design, Package Design, Publicity Design, Exhibition Design, Corporate Communication, Cluster Initiative & Documentation, , Design Methodology,

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			History & Elements of Design, Material Studies, Photography, Geometry, Human Factors & Ergonomics
MANAS RANJAN MISHRA	Associate Design Fellow	B.E. in Electrical Engg, Master of Designing	Industrial Design
RAKESH SAH	Associate Design Fellow	Bachelor of Fine Arts (Pottery & Ceramic Design), Post Graduate Diploma in Industrial Design (Ceramics & Glass Design), M.Sc in International Business & Management	Innovative Design conceptualization and product development, Pottery & Ceramics Design
JAGPREET SINGH	Assistant Professor Senior Scale	<i>B.Tech in Mechanical Engineering, Post-Diploma in Transportation Design</i>	Mechanical Engineering
NIREN MURLIDHAR PARSAI	Assistant Professor Senior Scale	<i>B.E in Mechanical Engg, Post-Graduate Diploma in Product Design</i>	Industrial Design & Product Design

## COLLEGE OF MANAGEMENT & ECONOMICS STUDIES

### DEPARTMENT OF STRATEGIC MANAGEMENT

Name	Designation	Qualification	Area of Specialization
DR. SUBIR RANJAN DAS	Senior Professor	B.E ( <i>Chemical Engg</i> ), PGDM ( <i>Marketing</i> ), PhD ( <i>Competative Technical Intelligence</i> )	Competitive Intelligence, Strategic Mgmt
DR.TARUN DHINGRA	Associate Professor	B.Sc,MBA, NET in Management Ph.D in strategic management	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
JAYANTA KUMAR MOHAPATRA	Assistant Professor Selection Grade	BBA, MBA ( <i>Strategic Mgmt &amp; Financial Mg</i> ), PhD ( <i>Pursuing</i> )	Business Policy and Strategic Management, Business Ethics & Corporate Governance, Securities Analysis & Portfolio Management, Mergers Acquisitions & Corporate Restructuring.
AKHIL DAMODARAN	Assistant Professor Senior Scale	B.E in Electronics and Instrumentation, MBA( <i>TechnologyMgmt , Specialization : Strategy and Finance</i> ), CIRC ( <i>Pursuing</i> ) PhD ( <i>Pursuing</i> )	Strategic Management , Public private partnership , financial Inclusion
DR. RAJESH TRIPATHI	Assistant Professor	MA ( <i>Eng Lit</i> ), MBA ( <i>Marketing</i> ), PhD ( <i>Strategic Management</i> , MNNIT), PGJMC, UGC-NET ( <i>Management</i> ), Certificate course in IPR from WIPO, Geneva	Strategic Management, Strategic International Marketing, Retail Management, PR law, Bioethics and IPR, Business Ethics and Corporate Governance, Entrepreneurship Development and Project Management



## DEPARTMENT OF ECONOMICS & INTERNATIONAL BUSINESS

DR. ANSHUMAN GUPTA	Professor	<i>B.Com(Hons.) and M.A (Economics), M.Phil (International Trade &amp; Finance), PhD in International Trade &amp; Finance</i>	Economics, International Business
DR SREEKANT VENKATARAMAN	Professor	<i>M.A (Econometrics), , PGD in Economics, MBA (Finance &amp; Tech Entrepreneurship, PhD (Env Economics,)</i>	Energy Economics
DR. V. J. BYRA REDDY	Professor	<i>B.A. (Economics, Psychology, Sociology) M.A. in Industrial Economics PhD - Spatial Inequalities &amp; Third Setor in India</i>	Managerial Economics, International Business, Monetary Economics & Public Policy
DR. PRASOON DWIVEDI	Sr. Associate Professor	<i>B.Com., M.Com(Applied Economics), PhD (Economics)</i>	Applied Economics
DR. R. JAYARAJ	Associate Professor	<i>B.A, M.A(Economics), PhD (Economics)</i>	Economics, International Business, International Finance, Research Methodology, Econometrics
DR. HIRANMOY ROY	Assistant Professor Selection Grade	<i>B.A, MA (Economics), UGC NET, PhD (Economics)</i>	Indian Economy & Trade policies, WTO & International Policies, Business Economics, Research Methodology
DR. RAJEEV SHARMA	Assistant Professor Selection Grade	<i>B.A (Economics-Hons), M.A(Economics), PhD(Economics)</i>	Economics
VIMAL PRASAD MATHUR	Assistant Professor Selection Grade	<i>B.Com, MBA, PhD (Pursuing)</i>	International Business
DR. NARENDRA NATH DALEI	Assistant Professor Senior Scale	<i>B.A. (Hons) Economics MA Economics CIC (Computer Application) Ph.D in Business Economics</i>	Introductory Economics, Principles of Economics, Mathematical Methods of Economics, Sustainable Development, Trade & Environment, Applied Econometrics, Environmental Valuation, Resource & Environmental Economics
DR. BHARTENDU CHATURVEDI	Assistant Professor	<i>B.A (Economics), M.A (Economics, PhD (Economics)</i>	Micro Economics, Business Economics, Business Economics
DR. NIYATI BHANJA	Assistant Professor	<i>B.A. Economics (Hons.), M.A. Economics (Hons.) M.Phil Economics, PG Diploma in Planning &amp;</i>	Economics

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		<i>Evaluation Ph.D Economics</i>	
PRAVIN GANGADHAR JADHAV	Assistant Professor	<i>B.A (Economics), M.A (Economics, Ph.D Pursuing</i>	International Business
UPANANDA PANI	Assistant Professor	<i>B.A (Economics-Hons), M.A(Economics), M.Phil (Economics), PhD Pursuing</i>	Business Economics I, Business Economics II, Business Statistics Research Methodology & Report Writing, Economics & Management Decisions, Econometrics, Energy Derivatives & Risk Management
K. DEEPPA	Senior Lecturer	<i>B.Sc (Economics), M.Sc (Economics), M. Phil (Economics)</i>	International Economics, Foreign Direct Investment, Outward Foreign Direct Investment and Econometrics
ANUKRITI SHARMA	Doctoral Research Fellow	<i>B.A. (Honours), M.Sc. Applied Economics (Environmental Eco)</i>	Environmental Economics

## DEPARTMENT OF POWER & INFRASTRUCTURE

DR. ANIL KUMAR	Industry Fellow	B.Sc (Electrical Engg), M. Tech (Energy & Env), MBA (Operations Mgmt) PGD in Personnel Mgmt, M.B.A. ( Finance), , PhD	Power Engineering & Management, Strategic Management, Engineering Economics, Hydropower Management, Rural Energy and Distribution Management.
MOHAMMAD YAQOOT	Assistant Professor Selection Grade	B E (Mechanical), M.Tech Energy Studies), PhD (Pursuing)	Renewables, Energy Policy and Planning, Power Generation
DR. KARAN KAPOOR	Assistant Professor	BBA, MBA (Infrastructure Mgmt, , Ph.D	Urban Infrastructure, Infrastructure Laws, Financing of Infrastructure Projects
AVISHEK GHOSAL	Doctoral Research Fellow	B.Tech - Electronics & Instrumentation PGDC - Thermal Power Plant Engineering MBA - Infrastructure Management	Infrastructure Management
SHILPI MUKHERJEE	Doctoral Research Fellow	B.Tech (Electrical & Electronics), MBA (Power Management)	Power Management



## DEPARTMENT OF OIL & GAS

DR. SHAILENDRA KUMAR POKHRIYAL	Professor	<i>B.Sc. (H) Chemistry , M.Sc.(Oil &amp; Gas Tech) MBA (Marketing) Ph.D. (Chemistry)</i>	Oil & Gas Business , Refinery Business ,Natural Gas Business
RANCHODDRAI YAGNIK	Industry Fellow	<i>B.E. (Mechanical Engg) MS (Computer Science) PGDBM</i>	Oil & Gas Management
SURBHI ARORA	Assistant Professor - Senior Scale	B.Com, B.E,LLB MA in Economics Accountant LLM (Corporate Law) Pursuing Ph.D in Oil & Gas Management	Managerial Economics, Economics for Management Decisions, Petro Economics, Energy Economics, Economics for Law Students, Business Economics, Indian Economy & Trade Policy, Accounting & Finance, Financial Management, Business Statistics, Business Law Corporate Law, Income Tax, Commercial Law
DR. GEO JOS FERNANDEZ	Assistant Professor- Senior Scale	B.Sc (Petrochemicals), MBA (UAM), Ph.D Petroleum Mgmt,	Upstream Sector, Energy Economics, Upstream Contracts
PANKAJ MOHAN PRASAD	Assistant Professor	B.Sc (Chemical Engg ), Master of Business Economics, PGD in International Trade, PGDBM Pursuing Ph.D	Oil & Gas Management, Petroleum Refining, Lubricants and their Application, International Trade & Economics, business Research & Product Innovation
SOMYA SHARMA	Assistant Professor	B.Com, M.Sc (Energy Trading)	Collective Transactions (Power Exchange - IEX/PXIL), Bilateral Sale/Purchase of Power & Power Banking Transactions, Business Analysis & Research
SONAL GUPTA	Assistant Professor	B.Com, MBA (Energy Trading)	Business Analysis of Electricity Market (conducting Business & Market research focused on Power & Renewable Business), Studying & Summarising Central and State Regulations and its effect on the Power Trading Business, Power Exchange & Energy Billing and Fund Management

## DEPARTMENT OF FINANCE

DR. ASHISH TRIPATHI	Associate Professor	B.E. Mechanical Engg, M.E. Production,M.M.S. in Finance, Ph.D in Finance,	Financial Management
DR. SUMEET GUPTA	Associate Professor	<i>B.Com, M.F.C - Ph.D, 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 (Finance), PhD(Management)</i>	Finance, Accounting, Oil and Gas Accounting, Risk Management, Insurance
DR. ANKUR MITTAL	Assistant Professor Selection Grade	<i>B. Com, M.Com in Finance, M.B.A. in Finance, Ph.D,</i>	Petroleum Accounting, Financial Management & Corporate Valuation
DR. VIPUL SHARMA	Assistant Professor Selection Grade	<i>B. Com, M.B.A. (Finance &amp; Marketing), PhD(Finance)</i>	Finance
N BHANU PRAKASH	Assistant Professor Senior Scale	<i>B.Com, MBA (Finance), M.Com, PhD (Pursuing)</i>	Finance and Economics
SHUBENDU VIMAL	Assistant Professor	<i>B.Tech, M.A (Economics), MBA (Finance &amp; Marketing), Qualified USET &amp; NET in Management, Ph.D (Management)</i>	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	<i>B.Com (Hons.), MBA, Ph.D (Mgmt)</i>	Financial Accounting, Cost Accounting & Management Accounting, Financial Institutions & Markets, Working Capital Management, International Marketing

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SWATI GUPTA	Senior Lecturer	<i>B.Com , MBA (Financ), Ph.D pursuing(Management), Professional Doctorate(Management)</i>	FinanceCost Accounting, Business Accounting Business Taxation, Fundamentals of Finance Financial Management, Corporate Finance Financial Analysis
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## DEPARTMENT OF TRANSPORTATION

DR. TOTAKURA BANGAR RAJU	Professor	<i>B.E (Mechanical Engg), PGDBM,Ph.D in Coal Logistics &amp; Supply Chain Management with special focus on Ports &amp; Shipping for Steam Coal Imports</i>	Logistics, Supply Chain Management, International Business and Port & Shipping Operations
DHARAM PAL SINGH	Industry Fellow	<i>B.Sc (PCM) M.Sc (Psychology) MA (Economics) MBA (HR) M.Sc (Maths &amp; Stat)</i>	Aviation Economics & Statistics
DR. K.C. GANDHI	Adjunct Professor	<i>B.A, PGD in Mgmt, Passed IATA/UFTAA Instructors'exam MBA (Marketing Mgmt)</i>	Aviation Management
DR. AJIT KUMAR NIGAM	Associate Professor	<i>BA (Hons) English ,LLB (Academic) , MBA (Marketing, PhD</i>	Marketing
ABHIJIT SINGH	Assistant Professor Senior Scale	<i>B.Sc (Marine Engg), MBA (Maritime Mgmt., PGD in Maritime Law Pursuing Ph.D</i>	Ship Operations, Brokering & Chartering, Marine Insurance & Law, Port & Terminal Management, International Maritime Transport, Maritime Economics, Marketing of Shipping Services
MANISH YADAV	Assistant Professor	<i>B.Sc, MBA (Aviation Mgmt), Pursuing Ph.D (Aviation Management)</i>	Aviation Management

## DEPARTMENT OF HUMAN RESOURCE

DR. RAJU GANESH SUNDER	Professor	B.E. (MET), MBA, Ph.D,	Human Resource Management
MAJ. GEN (DR.) S.P.S NARANG	Distinguished Professor cum Director	<i>M.Sc (Defence Studies), M.Phil (International System &amp; Conflict Resolution), PhD (Social Sciences)</i>	HRM, Organizational Behaviour, Business Communication & Negotiations
DR. NIKHIL KULSHRESTHA	Associate Professor	<i>M.A (Sociology, CCS University, Meerut) PGDBM (HRD &amp; OB) Ph.D</i>	Business Communication, Managerial Skills Development, Professional Communication, Management Principles & Organization Behavior, HRM, Industrial Psychology and Training & Development.
DR. P. C. BAHUGUNA	Assistant Professor Selection Grade	<i>B. Sc , MA (Economics), PGDM(HRM), PhD</i>	HRM & Managerial Economics
DR. RUCHI TYAGI	Assistant Professor Selection Grade	<i>B.Sc (BCZ) Diploma in Computer Applications Diploma in Labour Laws Masters in Business Administration in HRM &amp; Marketing Masters in Journalism and Mass Comm, Ph.D in Management</i>	Corporate Social Responsibility, Public Relation, Human Resource Management and Marketing, Labour Laws
DR. SHEETAL KHANKA	Assistant Professor Selection Grade	<i>B.A, MBA(HRM), PhD (Knowledge Mgmt</i>	Human Resource Management
TANUSHREE SHARMA	Assistant Professor Selection Grade	<i>B.Sc, PGDBM (Personnel Management), LL.B (Labour Laws), M.A(Organizational Psychology),PhD (Pursuing)</i>	Human Resource Management, Organizational Behaviour
NEERAJ KATARIA	Assistant Professor - Selection Grade	<i>B. Sc and M.M.S (HRM), PhD(Pursuing)</i>	HRM & Organizational Behavior
DR. ALKA DWIVEDI	Assistant Professor - Senior Scale	<i>MHRM &amp; IR, PhD (Business Administration)</i>	HRM & Organizational Behavior
DR. A. LAKSHMANA RAO	Assistant Professor	<i>B.Com, B.L., MBA, LL.M, Ph.D in Mgmt</i>	Human Resource Management Organizational Behaviour Corporate Governance



## DEPARTMENT OF LOGISTICS & SUPPLY CHAIN MANAGEMENT

BALARAM SWAMY JUTTA	Industry Fellow	<i>B.Tech (Electrical Engineering) PGDM (Marketing and Materials Management UGC-NET Qualified)</i>	Logistics & Supply Chain Management, Logistics & Supply Chain strategy, Stores Management, Designing Managing Logistics & Supply Chan, Material Handling & Distribution Network, Road & Rail Transport Management, Sea & Air Transport Management, Retail Strategy, Management of Technology, Marketing Management
LOVERAJ TAKRU	Industry Fellow	<i>B.Tech (Chemical Engg, , PGDM, (IIM Calcutta), Pursuing Ph.D</i>	Operations Management, TQM, Supply Chain Management, Quantitative Techniques
DR. SAURABH TIWARI	Assistant Professor Senior Scale	<i>B.Tech. (Electronics &amp; Communication), MMS, Ph.D</i>	Logistics & Supply Chain
AMAN DUA	Assistant Professor	<i>B.E (ECE), PGDIE, NITIE Mumbai Pursuing Ph.D,</i>	Quality and Multimodal transportation

## DEPARTMENT OF QT, RM & OPERATIONS

DR. NEERAJ ANAND	Professor	<i>BE (Civil), MBA (Mktg), PhD(Management)</i>	Quantitative Techniques & Research/ Production & Operations Mgt.
KAUSHIK PAUL	Industry Fellow	<i>B.E (Construction Mgmt) PGDM, Ph.D (Management,)</i>	Operations Management, Business Mathematics, Operations Research, Decision Making Models, Materials Management, Quantitative Techniques
RAMA KRISHNA MANDAN	Adjunct Professor	<i>B.Tech (Agri Engg), , PGDM, IIT Kolkata, Ph.D (pursuing)</i>	Project Management
DR. KRISHAN KUMAR PANDEY	Sr. Associate Professor	<i>B. Sc., M.Sc. (Statistics), M.B.A. (HR), PhD Statistics</i>	Statistics
DR. BINOD KR SINGH	Assistant Professor - Senior Scale	<i>B.Sc. (Statistics), M.Sc. (Ph.D.)(Statistics)</i>	Statistics, Operation Research, Quantitative Methods, Research Methodology & Marketing Research
BALAJI. P	Assistant Professor - Senior Scale	<i>B.E. in Aeronautical Engineering M.Tech in Industrial Engineering &amp; Management</i>	Production Planning, Inventory Control, Industrial Safety, Advanced Statistics, Decision Modelling, Project Management, Probability & Statistics & Work System Design
DR. RATNA BANERJEE	Assistant Professor Senior Scale	<i>B.Sc., M.Sc. (Mathematics), PhD (Mathematics)</i>	Mathematics
VIKAS KUMAR	Assistant Professor Senior Scale	<i>B. Tech (Chemical), MBA(Finance), PhD(Pursuing)</i>	Finance & Marketing

## DEPARTMENT OF MARKETING MANAGEMENT

DR. ANIRBAN SENGUPTA	Professor & Dean	<i>B.E (Electrical) , MMA (Mktg), PhD (Mgmt)</i>	Retail Management, Marketing Management
DR. ASHISH MANOHAR URKUDE	Professor	<i>B.E (Automobile Engg), MBA (Marketing &amp; Finance), PhD (Business Mgmt)</i>	International Business, Strategic Management & Project Management, Marketing
DR. MAKARAND UPADHYAYA	Professor	<i>B.Sc (Hons.), Post Graduate Diploma in Computer Science, PGD in Personnel Mgmt, MBA, JNIBM, Ph.D,</i>	Marketing Management, Consumer Behavior, Sales & Distribution, Brand Management, Retail Management, Service Marketing, Industrial Marketing, Business Strategy, Brand Promotion, Interactive Marketing, Digital Marketing, Customer Relationship, Advertising Management
DR. ATUL RAZDAN	Professor	<i>B.E. (Mech. Engg.), BIT, MBA (Marketing),PhD</i>	Marketing and Operation Mgmt
WG. CDR. P. K. GUPTA	Adjunct Professor	<i>B.Sc (Applied Geophysics), M.Sc (Applied Geophysics), MBA (Finance &amp; Mktg), PhD (Pursuing)</i>	Marketing, Aviation Management & Academic Management
DR. ARVIND KUMAR JAIN	Associate Professor	<i>B.Sc.(Life Science ), LLB, PGDBM (Marketing &amp; HRM), Ph.D (Applied Business Economics), CIC and Brain Bench Certified Professional</i>	Marketing, Services Marketing, International Business & Marketing, Retail Management, Consumer Behaviour, Branding, Advertising & Sales Management, Channels Management, Contracts
SUNIL BARTHWAL	Assistant Professor Selection Grade	<i>B. Sc, M.A, MBA (Mktg), PhD(Pursuing)</i>	Marketing
DR. SURESH MALODIA	Assistant Professor - Selection Grade	<i>B.Com, MBA (Marketing &amp; Finance), PhD (Management)</i>	CRM, Marketing Management, CBRM, Marketing of Shipping Services, Brand Management
DR. PRIYA GROVER	Assistant Professor - Senior Scale	<i>LLB (Labor Law), MBA, PGDBM,Ph.D from Qualified UGC-NET for Lectureship in 1998</i>	Marketing Management, Customer Relationship Management, Consumer Protection & Consumer Welfare
DR. ANKUR KUMAR RASTOGI	Assistant Professor	<i>B.Sc, PGD in Marketing Mgmt,Master of Marketing Administration, MBA, PhD in Mgmt,</i>	Marketing Mgmt, Sales Mgmt, Distribution Mgmt, Channels Mgmt, Marketing of Services, Consumer Behaviour, Market Research, Industrial Marketing



## DEPARTMENT OF INFORMATION SYSTEMS MANAGEMENT

DR. NITIN SINGH	Professor	<i>B.E. in Mechanical Engg Ph.D in Management</i>	Management
DR. ASHISH BHARADWAJ	Associate Professor	<i>BA (Hons. Economics), PGDITM (Systems), PhD (Petro Informatics)</i>	Cloud Computing
VIBHAV PRASAD MATHUR	Assistant Professor Selection Grade	<i>B. Sc, MCA, LLB, PhD (Pursuing)</i>	Information Technology
RAJESHWARI SHARMA DEB	Assistant Professor Senior Scale	<i>B.Sc (Chemistry - Hons.), MBA (Systems), GNIT and is also a Microsoft Certified Professional Pursuing PhD</i>	E-Business, Introduction to Information Technology, Software Engineering, Software Project Management, Database Management Systems, Storage Technology
BHARAT JAIN	Assistant Professor	<i>B. Tech (IT) and MBA (Information Systems) Pursuing PhD</i>	IT Risk Management, IT Security & Audits, Software Engineering and IT Governance.
NAVEEN CHANDRA PANDEY	Assistant Professor	<i>B.Tech( Mechanical Engg) MBA : Information System Mgmt, Pursuing PhD</i>	Project Management, IT Applications and MIS

## COLLEGE OF LEGAL STUDIES

Name	Designation	Qualification	Area of Specilization
DR. TABREZ AHMAD	Professor & Associate Director	<i>B.Sc (Hons) &amp; LL.B UGC (NET) - Law LL.M (Commercial Law) and PhD (Cyber Law/IPR)</i>	Business Law, Intellectual Property Law, Cyber Law, Corporate Law
DR. VENUGOPAL B. S.	Professor	<i>B.Com, LL.B, M.Com M.A. in English , LL.M in Labour Law &amp; Commercial Law Ph.D in Law</i>	Jurisprudence, Constitutional Law, Labour Law, Law of Banking and Negotiable Instruments Act, Company Law, Law & Medicine, Contract-I, Contract-II, Administrative Law, Law of Property, Elements of Research, Medical Law, Principals of Criminal Law, Law & Social Transformation, Law of Evidence
SAMPATH KUMAR K P	Industry Fellow	<i>B.Tech (Chemical), LLB, PG Diploma in International Trade, LLM, Pursuing PhD</i>	Corporate Law, Regulatory Compliance in O&G, Energy, Competition Law
DR. SREEJITH THAMPY	Associate Professor	<i>LL.B., M.B.L, M.Phil., LL.D.,</i>	Public International Law, Theory and Philosophy of Law
DR. MAMTA RANA	Assistant Professor Selection Grade	<i>B.A., H.P. LL.B, LL.M, PhD, Qualified UGC NET</i>	Family Law, Intellectual Property Rights, Jurisprudence, Law of Torts, Administrative Law, Human Rights

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DR. RAMESH KUMAR	Assistant Professor Selection Grade	<i>LL.B, LL.M, D.Phil,</i>	Constitutional Law, Administrative Law, Human Rights Law, Nuclear Energy Law, Criminal Law, Family Law, Environmental Law
ANURADHA NAYAK	Assistant Professor Senior Scale	<i>B.Sc, LL.B, LL.M (Cyber Law) &amp; Graduate Diploma in International Law</i>	Public International Law, Constitutional Governance, Comparative Constitutional Litigation, IT & Cyber Laws
DR. ASHISH VERMA	Assistant Professor - Senior Scale	<i>LLB, LLM, NET, PhD</i>	International Law
DR. M.L. KALICHARAN	Assistant Professor Senior Scale	<i>B.Com, D. LL.B, M.F.T, LLM, PGDEx.M, PhD - Law,</i>	Business law, International Business, Intellectual Property Law, Constitution of India, Jurisprudence, Business law, Business environment, Law and practice of Banking, Banking and Insurance, Environment Law, Labour Law
DR. SAROJ BOHRA	Assistant Professor Senior Scale	<i>B.A., LL.B. (Gold Medalist), LLM - Human Rights (Second Merit), PhD (Role of Socio-Economic Laws in Eradication of Poverty in India - A Functional Study),</i>	Family Law, Law of Contract, Law of Torts
SAM BABU K.C.	Assistant Professor - Senior Scale	<i>B.A. (Political Science), LL.B. and M.A. (Political Science), UGC-NET</i>	Indian Politics and Government, International Relations and International Law, Comparative Politics & Government, Foreign Policy, Political Theory , Human Rights.
SUJITH P SURENDRAN	Assistant Professor - Senior Scale	<i>B. Com (Taxation), LL.B, LLM, PhD (Pursuing)</i>	Business Laws, Contract Law, Constitutional Law, Law on Corporate Finance
DR. VINITA SINGH	Assistant Professor - Senior Scale	<i>M.A (History), M.Phil (History), PhD</i>	History
A ARAVINDAN	Assistant Professor	<i>B.A.LLB.Hons. LLM Qualified UGC-NET</i>	Law of Crimes, Public International Law
KAVYA SALIM	Assistant Professor	<i>B.A.LLB (Hons), LLM Human Rights NET Qualified</i>	Human Rights Law, Constitutional Law and Criminal Law
POOJA GAUTAM	Assistant Professor	<i>B.A.LLB (Hons)</i>	IPR, Human Right & Criminal Law
CHARU SRIVASTAVA	Assistant Professor	<i>B.A., LL.B. (Hons.), LLM. (Business Laws),</i>	Corporate Law, Family Law
SHIKHA DIMRI	Assistant Professor	<i>B.Com, LLB, LLM, PhD (Pursuing)</i>	Mercantile Law, Law of Tort

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DR. SUJATA BALI	Assistant Professor	<i>LLB, LLM, Ph.D (Law)</i>	Corporate Law, Governance, International Business Laws
RAJKUMAR	Senior Lecturer	<i>LLB, LLM, Certificate Course in Oil &amp; Gas Law, Ph.D (Pursuing)</i>	International Commercial Law, and Oil & Gas Law
AJIT KAUSHAL	Senior Lecturer	<i>B.Com (Hons.) with Accountancy, LL.B, Master in International Business Laws, PG Diploma in Corporate Laws &amp; Management, Pursuing LLM, Master in Business Laws (NLSUI) &amp; Pursuing Ph.D</i>	Oil & Gas Law, Corporate Governance & Company Law
SHRUTI REDDY	Senior Lecturer	<i>B.A., LLB (Hons.), LLM (Corporate Law &amp; Governance), Pursuing Ph.D</i>	Law of Contract, Property Laws, Banking Law, Law of Torts, Company Law, Jurisprudence

## FINANCIALS

With completion of 'block-8' additional space for 12 classroom, 20 labs & 42 faculty seating spread on an area of 5932.53 sq metr has been added to the capacity.

Due to additional project loan the outstanding amount at year end stood at ₹ 21.16 crores against ₹ 11.83 crores last year.

The valuation of liability of UPES as an employer towards gratuity & leave encashment was also updated based on latest actuarial valuation and cumulative liability for the same stood at ₹ 17.81 crores.

Staff, faculty and other cost has increased by almost 21% as compared to previous year due to new hiring and training. This led to betterment of student faculty ratio as a continuous endeavor of UPES to improve academic rigour.

The heavy financial cost & expansion requirement to meet money requirement makes UPES deserve financial assistance.

Due to constant growth requirement UPES is still away from being a self sustaining body.