

ENERGY NEWS



There are two ways of spreading light,
to be a candle or the mirror that reflects it.*

ENERGY NEWS



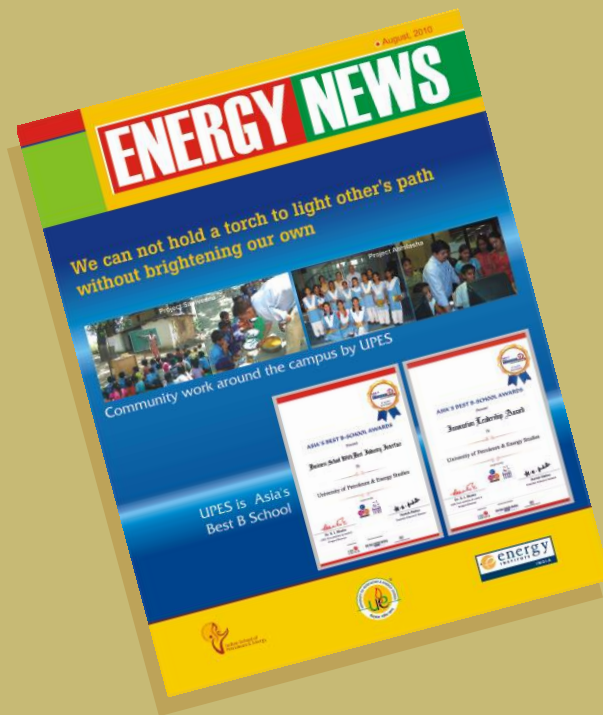
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in this issue



Law Fest
Legal Luminaries at the Law Festivities

UPES focus on Research



9th Oil & Gas HR Round Table

Emerging calls of law and the new roles of lawyers

Mr. R. Venkataramani
Senior Advocate
Supreme Court of India



A varsity bound by obligation to give back to society

The 8th academic session at UPES started with a rejuvenating passion. Noteworthy placements of the previous batches, enrollments full to the brim, new courses, newer faculty members, additions in the infrastructure and a renewed road map for the research projects gave a propitious start.

While focusing on the core academic activity, we did not ignore the CSR front. On the heels of our daughters meeting with the Governor of Uttarakhand Her Excellency, Mrs. Margaret Alva (August 2010 issue), UPES team planned a bigger exposure for them. The girls got a chance of their lifetime to visit the high dome seat of authority, the Rashtrapati Bhawan in New Delhi and meet the President Her Excellency, Smt. Pratibha Devi Singh Patil, the First Citizen of India.



Dr. Mandira Agarwal, Assistant Professor, UPES being introduced to Her Excellency, the President by Ms. Archana Dutta, OSD to the President.

11 young girls between the age group of 11-15 years from five villages around Bidholi in Ponda Valley and the campus of University of Petroleum & Energy Studies, Dehradun met the President of India Her Excellency, Smt. Pratibha Patil at Rashtrapati Bhawan at a function held recently in New Delhi on Children's Day.

These girls are the adopted daughters of UPES and supported for their education and development by the University. These young girls, for whom all opportunities are being provided by the University to gain self-confidence, went out of their villages let alone Dehradun for the first time! Most of them had their first train ride and a visit to the capital of the country and its landmarks; Rashtrapati Bhawan, Kutub Minar and

Lotus Temple. Their excitement was uncontrollable when their wish list of Barbie dolls and teddy bears was fulfilled during an outing to a shopping mall in Gurgaon.

They visited the Rashtrapati Bhawan and met the First Lady of the country in the ceremonial Ashoka Hall of the President House. The President spent few minutes with them and also provided a photo opportunity. This was a life time opportunity for them and a matter of envy for the others back home. Later the children were served with snacks.

During their three days stay in Delhi, they were taken on site-seeing trips. They also spoke to their parents through a video conference where they excitedly described their experience of the trip. The new confidence in them was vividly visible.



Dr. Mandira Agarwal briefs Her Excellency about UPES, while the daughters get set for the photograph. The others seen are Smt. Vimlesh Devi, Gram Pradhan of Bidholi village and Smt. Kalawati Bhandari, Principal of Bidholi Primary School.

Law Fest

Legal Luminaries at the Law Festivities

The College of Legal Studies, UPES celebrated the Law Day on 26th November 2010. The celebrations were graced by the presence of **Hon'ble Mr. Justice J.S. Verma**, former Chief Justice of India, **Hon'ble Mr. Amarjeet Singh Chandhiok**, Additional Solicitor General of India, **Hon'ble Ms. Justice Manju Goel**, former Judge, Delhi High Court, **Mr. R. Venkataramani**, Senior Advocate Supreme Court with **Mrs. Venkataramani**, **Mr. J.P. Singh**, Senior Advocate Delhi High Court and **Mrs. Sadhana Ramachandran**, Advocate Supreme Court.



Hon'ble Mr. Justice J.S. Verma, former Chief Justice of India

The **Chief Guest Hon'ble Mr. Justice J. S. Verma**, former Chief Justice of India shared his thoughts with the students on the topic '**Professional Ethics and Good Governance**'. He stressed on professing values while discharging public function.

Hon'ble Mr. Amarjeet Singh Chandhiok, Additional Solicitor General of India was the Distinguished Guest on the occasion. He addressed the students on the topic '**Challenges of Legal Profession**'. In his speech he stressed on the importance of values and ethics. Furthermore he pointed out that the books should never be forgotten in the era of computerization and reading books & full volume of cases were still important practice to be followed to become a successful lawyer.



Hon'ble Mr. Amarjeet Singh Chandhiok, Additional Solicitor General of India

Law Day culminated with the Law Festival "**JUS CARNIVALLI**" which was held from Nov 24 - 25, 2010. The festival, driven totally by the students of College of Legal Studies, was a grand success and received participation from a number of Law Colleges and National Law Universities

across the country.

The festival was inaugurated with great gusto and passion by **Dr. M. Ramachandran**, former Secretary, Ministry of Urban Development, GOI. Dr. Ramachandran was earlier Chief Secretary of Uttarakhand.



Dr. M. Ramachandran former Secretary, Urban Development, GOI and former Chief Secretary Uttarakhand

The inauguration was attended by senior management committee members, deans and large number of faculty & students.

Dr. Ramachandran, who during his tenure as Chief Secretary, Uttarakhand had been helpful in the development of UPES, shared, "I am highly impressed with the development of the University in a short span of 8 years". Dr. Ramachandran was honoured for his contribution towards the development of UPES as the "**Honorary Patron**" of the University.



Dr. M. Ramachandran former Secretary Urban Development GOI and former Chief Secretary Uttarakhand being honoured as the "Honorary Patron" of UPES by Chancellor Dr. SJ Chopra and President Mr. Sanjay Kaul.

'**Jus Carnivalli**' the law festival was truly a meeting ground of legal skills as well as social issues. The **Law Fest** had 15 different events judged by the luminaries from respective walks of life. The events ranged from academic to extra curricular activities. It had events like **Delve** - The treasure Hunt, **Par**



Mr. J.P. Singh, Senior Advocate, Delhi High Court



Dr. Ram S. Hamsagar, Consultant & Visiting Professor, UPES and Ms. Jocelyn Patricia Bond, a US Attorney



Hon'ble Ms. Justice Manju Goel, former Judge, Delhi High Court



Mr. Mike Walsh, Chief Corporate Counsel, Cairn Energy India Pty Ltd. and Mr. A.K. Srivastava, CGM - Legal Services, ONGC

Threshold - Way to law firm, **Zdivanja** - creating public awareness, **Vox Vocis** - Parliamentary debate, **Chitrankan** - Event of Photography, **Paper Presentations** on Environment, IPR, Oil & Gas and Power.

The panel of judges for different events also consisted eminent personalities like Hon'ble Mr. Justice J.S. Verma, former Chief Justice of India, Hon'ble Ms. Justice Manju Goel, former Judge, Delhi High Court, Ms. Jocelyn Patricia Bond, a US Attorney, Dr. Ram S. Hamsagar, Consultant & Visiting Professor, UPES, Mr. Mike Walsh, Chief Corporate Counsel, Cairn Energy India Pty. Ltd., Mr. A.K. Srivastava, CGM - Legal Services, ONGC and many others.

The grand ceremony concluded by felicitations to the winners of Law Festival. Mr. R. Venkataramani announced a 'Special Award' for one of the student participants, Mr. S. Naga Shayana, from Rajeev Gandhi National Law School, Patiala.



Mr. R. Venkataramani Senior Advocate, Supreme Court

To add flavor to the law festival musical performances were performed by prestorica a famous band troope and by the college band. Apart from this, a DJ night was organized for the students.

The Festival was sponsored by the corporates like Cairn Energy, Corporation Bank and Allahabad Bank.



Academic and cultural events in progress



Hon'ble guests participating in the inauguration ceremony, judging events and joining celebrations



UPES is sensitive to all round development of its students. It provides them with an opportunity to exhibit their multifaceted talents on the platform of its annual youth festival **Uurja**.

Uurja - a student led function provides an interactive platform for the dynamic youth of various professional institutions. Students from professional institutions get together at UPES campus situated at the picturesque forested hilly outskirts of Dehradun, to celebrate the spirit of life by participating in multifaceted cultural, technical and social events.

Uurja being an amalgamation of social, cultural and technical events offers a unique forum for students to showcase their talents. Cultural grooming is the pulse of Uurja. It is a collection of events which bring out the expressive and extroverted side of an individual. Social events aim at generating awareness of burning social and



2010



environmental issues to influence social responsibility of our students. Technical events aim to trigger the innovative and creative mind set of our youth. Stimulating one's capabilities in this era of technology savvy world is the focus of technical events.



The annual students' cultural festival was conceptualized and initiated by the very first batch of outgoing students in the year 2005. This initiative saw the students organizing an Intra - University event. The next year UURJA student festival had grown into an inter-collegiate event with participation from many professional colleges of Dehradun. From the fourth Uurja in 2009 onwards, this has become a youth festival where student teams from various colleges/universities across the country have started taking part.



Uurja 2010 this year has been sponsored by ONGC, IOCL, Cairn Energy and A-Z Infrastructure.

UPES focus on Research

100 kW Solar Power Plant at UPES campus

R&D activities at UPES emphasize the quest for scientific and technological innovations to become industry oriented and developing into an internationally recognized R&D organization. UPES can then play a pivotal role in the development of hydrocarbon and related industries. The proposed investment on new equipments, infrastructural facilities and the plans for enhancement of collaborations with national and international industrial and R&D organizations will boost UPES' efforts in attaining the objectives that it has set for itself.

Currently, UPES is equipped with specialized state-of-the-art laboratories, an integrated Bio-diesel pilot plant, Jatropha de-oiled cake based biogas plant, engine and vehicle testing facilities with ethanol, bio-diesel blended fuels, technical performance analysis of diesel-ethanol blends in IDI diesel engines, etc. Additionally, present day analytical facilities and standard test methods for testing of crude oil and its products are part of the R&D facilities. A 100 Kw_p Solar Photovoltaic Plant has also been made operational. Tools for contemporary research such as state-of-the-art process design and simulation softwares, e.g., ASPEN, CFD, MATLAB, SCADA, SOLIDWORKS (3D&2D modeling) PETREL, ECLIPSE, CIMG and host of in-house softwares for kinetic modeling, statistical analysis and general computation facilities have been made available.

To realize its vision, UPES is currently pursuing research in some selected areas either through collaborative or in-house research projects. Some of the currently focused areas for research include alternative fuels, biodiesel from rural fuel sources including pilot plant studies, bio-fuels and bio-lubricants and their applications in IC engines. Research is being pursued in evaluation of fuels and lubricants, biotechnology, catalysts for refinery processes, specialty chemicals & products, petrochemicals, energy efficient biological processes (e.g., bio-processing of crude, bio-treatment of wastewater, bio-remediation of soil and ground water). The other areas of research are integrating state-of-the-art technology (e.g., separation, catalysts, sensors & control, bio-technology, etc). Effective and well understood process models for process optimization is yet another area for studies.

UPES has also initiated **knowledge based work** in several areas which include business model for clean development mechanism, energy conservation through creating awareness (educating the public). The establishment of an ICT driven Village Knowledge Centre is also mandated for societal benefit and environmental awareness.

UPES is equipped with standard test techniques for **R&D Services** on performance evaluation of crude oil and its



Multi fuel "NEELAM" Chulha (Chir Pine – Biogas – LPG)

Recognising that developments in Science and Technology should contribute to improve quality of life for the weaker section of the society, UPES has set up a Bio Gas Development & Training Centre with funding from MNRE. Additionally, NEELAM CHULHA capable of firing on LPG, Bio Gas and Biomass specifically Chir Pine Needles in the form of Briquettes, Chir Pine Cones and Lantarna (Weeds) has also been developed, and successfully demonstrated. Further initiatives to cater to the Energy needs in a village environment for a group of families towards self-sufficiency in Fuel and Power are in progress.

products, fuels and lubes. These services can be provided to external organizations as well. UPES has also created enabling infrastructure to provide Services in **Engine & Vehicle Testing** for following purpose:

- Feasibility of blending Straight Vegetable Oil (SVO) in petro-diesel and utilization on IDI Diesel Engine.
- Endurance analysis and tribological studies of diesel engines fueled with bio-butanol, diesel and their blends as alternate fuel.
- Performance evaluation of diesel engines using Ethanol – biodiesel blends.
- Technical performance analysis of diesel-Ethanol blends in DI Diesel Engine.

Future R&D at UPES is directed to technology development relevant to industry. This includes reducing green house gases primarily utilizing Carbon dioxide as raw material, exploration and production of Coal Bed Methane (CBM), development of catalysts for isomerisation and dimerisation of lower alkanes etc. Performance evaluation and enhancement of existing Solar Photo Voltaic cells, development of Bio-semiconductor for Photo Voltaic cells, design, development and commissioning of a concentrated solar Thermal Power plant, performance evaluation and enhancement of solar thermal devices are some of the identified areas for future research. Power generation from biogas, hybrid power conditioner and converter for onsite power generation using biogas and fuel cell, establishment of jatropha de-oiled cake based biogas plant, production of bioethanol & biobutanol from lignocellulosic biomass, catalytic conversion of lignocellulosic biomass into fuel grade liquid hydrocarbons and biodiesel from micro algae based biomass are some of the other areas being investigated.

Gasification of coal and power generation from Chir Pine by gasification are the areas of interest at UPES. Hydrogen is being looked forward as the everlasting clean and renewable future fuel. UPES has also initiated studies on hydrogen production & utilization. Additionally, use of SVO with hydrogen supplementation in an IDI diesel engine is being investigated.

With inputs from Dr. R.P. Badoni, Distinguished Professor & Dr. P.K. Shaoo, Assistant Professor



9th Oil & Gas HR Round Table

Snippets of HR Round Table

The 9th Oil & Gas HR Round Table on 'Discovering New Talent' was held on 26th - 27th August 2010 at Mumbai under the banner of ISPe.

Over 150 HR professionals from over 75 national and international companies both public and private, in the Oil & Gas, Power Sector and officials from Government & NGOs came together to explore issues associated with the discovery of new talent and gender diversity in the Oil & Gas Sector.

30 profound speakers brought to the forum not only had diverse perspectives but also contributed to the creation of a mélange of insightful information on discovering and managing new talent. The Round Table commenced with an inaugural address by Mr. Sanjay Kaul, President, ISPe. In his key note address, Mr. Sundareshan, Secretary MoPNG, unearthed the achievements and challenges in the industry. In the thought provoking address, he viewed the achievement of PPO model and suggested to create a pool of skilled human resource on a proactive level. He also focused on enhancing the knowledge of existing resources.

The CEO panel comprised of Mr. Rahul Dhir, Managing Director & CEO, Cairn Energy India Ltd., Mr. Rajeev Sonthalia, Vice President & Managing Director, Schlumberger Asia Services Ltd., Mr. N.M Borah,

Chairman, Oil India Ltd., and Mr. Walter Simpson, President & Managing Director, BG India, who engaged in a stimulating discussion led by Mr. Sanjay Kaul, the Program Director. The discussion touched on a number of pertinent issues ranging from market share vs mindshare competencies, unique talent requirement of upstream sector with inherent risks and boundary management issues, next generation leadership, customer centricity and prevailing gender imbalance in the Oil & Gas Sector.



The CEO panel in discussion. Seen from R-L Mr. Rahul Dhir, Managing Director & CEO, Cairn Energy India Ltd., Mr. N.M Borah, Chairman, Oil India Ltd., Mr. Walter Simpson, President & Managing Director, BG India, Mr. Rajeev Sonthalia, Vice President & Managing Director, Schlumberger Asia Services Ltd., Mr. Sanjay Kaul, President UPES and the Program Director.

The sessions of the Proceedings witnessed a plethora of diverse perspectives from professional wizards. Vibrant views were presented during the sessions: Futuristic roles of finance professionals, skill sets required to execute those roles and the contribution of attitude and other attributes; Importance of technology skills; Discovery and management of new talent pool and challenges; Changing face and emerging challenges of talent in marketing; Innovative ways to reach out to employees were brought to the center of discussion by the presenters. The sessions also discussed issues related to gender diversity and specific challenges. This particular session brought home the point to work at gender diversity as an opportunity rather than as issue.



A section of the audience

To conclude, despite the fact that the speakers

presented various aspects, and viewed the issues from different directions to explore innovative HR perspectives ranging from performance measurement matrix, evolution of finance function, technology advancement to retention & recruitment strategies, changing marketing face or gender balance & diversity; it was unanimously felt and accepted that there is a need to discover new talent both inside as well as outside the organization.

The enriching deliberations were concluded on a thoughtful note by Mr. Sanjay Kaul who recapitulated succinctly the spirit of the sessions whereby it led way to the 10th Oil & Gas HR Round Table

to discover a lesser explored idea on 'HR's Contribution to the Bottom-line & Enterprise Value' as the theme *per se* for the next year.

BG encourages UPES

BG, a leading player in the global energy market is a dynamic growing business organization with operations in more than 25 countries over five continents.

The BG Group is a key player within the gas industry in India, with presence in both the E&P and T&D segments. It has increased its exposure in India's growing natural gas sector by developing its upstream position through licensing rounds and acquisitions.

The group has been supportive to UPES and is a regular recruiter. It has also provided internship facilities to UPES students.

In a magnanimous gesture the BG India accorded an endowment grant of Rs. 45 lakhs. Handing over the cheque to Dr. Parag Diwan, VC, Mr. Walter Simpson, President & Managing Director, BG India Pvt. Ltd. said, "UPES is doing a great job in providing ready to deploy manpower to the Oil & Gas industry. It is in this context that we have offered an endowment of Rs. 45 lakhs towards support to the technical education and laboratory infrastructure at the campus".



Mr. Walter Simpson, President & Managing Director, BG India handing over the cheque of Rs. 45 lakhs to Dr. Parag Diwan, VC, UPES. Others seen are Mr. Sanjay Kaul, President, UPES, Mr. Vijay Pahwa, Dir (Ind. Rel.) UPES and Mr. R Suriyanarayana, VP (HR) BG India.

High Profile Speakers



S. Sundareshan
Secretary, Ministry of Petroleum
& Natural Gas, Govt. of India



Sanjay Kaul
Program Director,
President, UPES



Rahul Dhir
Managing Director & CEO
Cairn Energy India Pty. Ltd.



N. M. Borah
Chairman & Managing Director
Oil India Ltd.



Walter Simpson
President & Managing Director
BG India



Rajeev Sonthalia
Vice President & Managing Director
Schlumberger Asia Services Ltd.



S. Behuria
Chairman
Petroleum Federation of India



V.C. Agrawal
former Director (HR)
IndianOil Corp. Ltd.



S. Mohan
Director (HR)
Bharat Petroleum Corp. Ltd.



V. M. Kaul
Director (Personnel)
Power Grid Corp. of India Ltd.



P. Senthil Kumar
Director (HR & Administration)
Cairn Energy India Pty. Ltd.



R. Suriyanarayana
Vice President (HR)
BG India



R. K. Chaturvedi
President Petroleum Business
Reliance Industries Ltd.



Rajeev Bhaduria
President (HR)
Reliance ADAG



Dr. Parag Diwan
Vice Chancellor
UPES



C. Ramulu
former Director (Finance)
Hindustan Petroleum Corp. Ltd.



Deepti Sanzgiri
Executive Director (HRD)
Bharat Petroleum Corp. Ltd.



S. Varadarajan
Executive Director (Corporate Finance)
Bharat Petroleum Corp. Ltd.



V. K. Sood
Executive Director (Corporate Finance)
IndianOil Corp. Ltd.



Anil Sharma
Head (Learning & Development)
Essar Oil Ltd.



Regina Shadle
Director (HR), Asia Pacific Region
Baker Hughes



Kamal Tandon
Zonal Dy. General Manager
GAIL (India) Ltd.



P.K. Devchoudhury
Chief Coordinator (BP)
Oil India Ltd.



Shailesh Desai
Regional Manager East Electrical PELE
Shell India Markets Pvt. Ltd.



B. Ananthkrishnan
Head (Reservoir Development)
Cairn India Ltd.



Lakshmi Suresh
Manager (HR), India & South-West Asia
Baker Hughes



Sunil N. Gulrajani
Marketing Manager, India & Bangladesh
Schlumberger Oil Field Services Ltd.



Yogi Sriram
Executive Vice President
(HR & Administrative Services), L&T Ltd.



Lisa Silpigno-O'Brien
Personnel Manager, INM
Schlumberger Oil Field Services Ltd.



Manoj Parmesh
Region Organization Development
Manager (West MENA)
Weatherford International Ltd.



Srinivas Peri
Sr. Manager (Executive Hiring)
IBM India Pvt. Ltd.

The MOUs...

Milestones for Academia-Industry Collaborative Framework

UPES constantly endeavors for excellence. The search for new avenues to give best to our students is an ongoing process. It is in this search, that some of the unique and ambitious collaborations have been possible. A few MOUs signed in the recent months are an indication of our firm conviction to reach for the best.

UPES - IBM Partnership, A New Education Paradigm

The University of Petroleum & Energy Studies (UPES) and IBM India have signed a significant MOU that will reinvent IT education in the country, at the graduation level. The collaboration, co-operation and joint working of IBM with UPES, will bridge the gap that existed till now between Education, Skills development & Industry requirements – through a series of new, futuristic B. Tech. courses which are industry-aligned.

The young IT engineers of tomorrow will get to know, from their industry mentors and IT specialists, the necessity of ‘applying’ knowledge, for providing more robust solutions even while doing the program from the university. The



Dr. Ashish Bharadwaj, CIO, UPES & Mr. Subram Natarajan, Executive - Systems Center & Deep Computing, IBM Systems & Technology Group signed the MOU in Bengaluru.

deep theoretical background which they acquire with the help of their teachers in a University will be augmented by project-based, practical application and systems knowledge which is well-aligned to what they would face in the IT industry. IBM and UPES have come together to provide to India's future IT leaders this very unbeatable combination. This is a whole new thinking, and a cutting edge approach to technology meritocracy.

As a part of the MOU, UPES and IBM India would partner to skill students, by introducing Graduate Engineering programs with live industry relevant projects for the students in the country. **The four B.Tech IT courses**, which will be offered, in the first phase under this MOU would include specializations in:

- Oil & Gas Informatics
- Mainframe Technology
- Cloud Computing & Virtualisation Technologies
- Open Source & Open Standards

This MOU will offer cutting edge, industry aligned courses, delivered through a futuristic framework for skills development to the graduating students in the information technology & vertical industry domain areas, which are in demand in the IT industry.

The Innovation Centre for Open Standards (iCos), an online platform, will be the underlying framework for the engagement between IBM and UPES for the execution of the courses and will link students' project based learning with IT industry mentors and SME's. This initiative will surrogate the Finishing School efforts of the IT Industry today, enabling the Day One deployment in relevant customer projects. It was a joint effort of Mr. K. Hari, Senior Enablement Specialist & Mr. Himesh Misra, Global Solutions Acceleration Initiative from IBM and Dr. Ashish Bharadwaj, CIO, Mr. S.K. Goyal, Asso. Director - Finance and Dr. D.K. Punia, Professor from UPES, who worked towards this collaboration.

MOU signed with the Government of Gujarat at Vibrant Gujarat Global Summit, 2011

The Centre for Aviation Studies (CAS), UPES signed a MOU with the Government of Gujarat for developing Academics & Education Services in the Aviation Sector of the state of Gujarat on January 12, 2010 during the Vibrant Gujarat Summit 2011.

Under the MOU, CAS, UPES will establish an Aviation Training Academy in Dholera, Gujarat; the proposed site for the new International Airport.

Employees of top Bangladesh company to get training at UPES campus

A MOU was signed between **Ministry of Power, Energy and Mineral Resources, Bangladesh** and **Bangladesh Oil, Gas & Mineral Corporation (Petrobangla)** for capacity building of Energy and Mineral Resources (EMRD). Under this MOU, officers and personnel from the above mentioned organizations of Bangladesh will get domain specific training at UPES campus. The training is under the capacity building project of **Petrobangla** and funded by the **Asian Development Bank**.



Dr. S.R. Das, Head - International Operations, UPES exchanging the MOU document with Mr. Md. Imam Hossain, Secretary Petrobangla. Also seen is Mr. Sanjay Kaul, President - UPES with officials of Petrobangla.

To start with three senior officers of Petrobangla have already arrived at Dehradun campus to pursue one month program on engineering design & operation and maintenance of gas transmission pipeline. In addition 40 officials of Petrobangla are scheduled for various programs during the coming months.

The MOU was signed during the recent visit of UPES President, Mr. Sanjay Kaul and Dr. S.R. Das, Head International Operations to Dhaka, who had detailed discussions with **Dr. Md. Hussain Monsur, Chairman, Petrobangla** and **Mr. M A Mahroof Khan, Director (Oil**

& Gas), Ahmed Amin Group on the collaboration proposal.



Mr. Sanjay Kaul, President - UPES, Dr. S. R. Das, Head - International Operations with Dr. Md. Hussain Monsur, Chairman, Petrobangla and Mr. M A Mahroof Khan, Director (Oil & Gas), Ahmed Amin Group in a discussion during the MOU signing ceremony at Dhaka.

MOU with National University of Juridical Science (NUJS), Kolkata

U PES has entered into a Memorandum of Understanding with the WB National University of Juridical Sciences (NUJS), Kolkata for an academic collaboration in the areas of Energy Law, Intellectual Property Law and related areas.

The alliance will cover faculty and student exchange, joint publications and cooperation in collaborative research and teaching programs between NUJS and the College of Legal Studies of UPES.



University of Petroleum and Energy Studies (UPES), Dehradun, India signs MOU for collaborative research, exchange and teaching programs with the WB National University of Juridical Science (NUJS), Kolkata.



Dr. Sabyasachi Maiti, Senior Assistant Professor, UPES, has published a book titled "Coastal change: Significance of Society, Monsoon and Astronomy". The book has been published by AP Lambert Academic Publishing, Germany.

The Intellect Treasure

UPES - CII ink two MOUs

The CII Innovation Summit at Vibrant Gujarat Global Summit, 2011

UPES signed a MOU with Confederation of Indian Industry (CII) towards jointly exploring possibilities for co-operation and collaboration with respect to Technology Transfer, Technology & Entrepreneurship Development and R&D in the field of Renewable Energy, Aviation, Oil & Gas and Power.

Dr. Parag Diwan, VC, UPES and Mr. K. Srinivasa Murthy, Senior Counsellor – Technology, CII signed the MOU on January 11th, 2010 at the CII Innovation Summit, as part of the Vibrant Gujarat Global Summit, 2011.



Mr. K. Srinivasa Murthy, Senior Counsellor – Technology, CII and Dr. Parag Diwan, Vice Chancellor, UPES signing the MOU. (l-r) The others seen are Mr. A.K. Joti, Chief Secretary, Government of Gujarat and Dr. Naushad Forbes, Conference Chairman and former Chairman, CII Western Region.

CII, Dehradun for co-operative and sponsored research activities

UPES and CII recognize the importance of mutual collaboration between institutions of higher education and non-profit industrial/commercial development organizations. A MOU was signed in this background.

Dr. Parag Diwan, Vice Chancellor said that, “this MOU will not only provide increased understanding between UPES & CII but will also assist in implementing co-operative programs and activities by regularly organizing seminars, conferences, lectures and workshops in fields of mutual interests along with co-operative and sponsored research activities”.

Mr. Rajiv Berry, Chairman, CII Uttarakhand State



Dr. Parag Diwan, VC, UPES and Mr. Rajiv Berry, Chairman, CII Uttarakhand State signed the MOU in Dehradun. Also seen is Chancellor Dr. S.J. Chopra.

Council in his address expressed that, “the implementation of this MOU would definitely provide benefits to the industry in capacity building of their HR as well as UPES by way of increased industry exposure to their students and faculty”.

Industries Association Uttarakhand joins hand with UPES

A MOU was signed for the purpose of jointly enriching the technical education process and for promoting industrial advancements with the Industry Association of Uttarakhand. The MOU was signed by Mr. Pankaj Gupta, President, Industry Association, Uttarakhand and Dr. Parag Diwan, Vice Chancellor, UPES.

Speaking at the signing ceremony, Mr. Pankaj Gupta said that, “The University is an important storehouse of current and advanced level of knowledge in different fields. In a knowledge society, industries are the main users and beneficiaries of such knowledge. Hence, what we have today is a growing skills gap, reflecting the inadequate availability of high quality college education in India and for the galloping pace of the country’s service driven economy, which is growing faster than most of the other developing countries in the world”.

Dr. Parag Diwan added that, “The University-Industry interaction is of mutual benefit as it provides the Industry an opportunity for business to grow through academic inputs including consultancy. At the



Dr. Rajeev Agarwal (Vice President – IAU) and Dr. Parag Diwan, Vice Chancellor, UPES exchanging MOU documents.

same time, university is in need of partners who can take the discoveries/research findings to the market place. The interaction can earn additional resources of R&D; secure training and final placements for students based on the respect earned from the relationship established with Industry. The academic knowledge base can also help in reducing industrial cost, improving quality and competitive dimensions in products, reducing dependence on foreign know-how and expenditure on internal R&D. It can also help the Industry in upgrading the knowledge base of Industry professionals through management development programs”.

Course Inaugurations

MBA (Aviation Management) & BBA (Aviation Operations)



Mr. Yashwant Bhawe,
Chairperson, Airports
Economic Regulatory
Authority of India

Mr. Yashwant Bhawe, Chairperson, Airports Economic Regulatory Authority of India inaugurated the MBA (Aviation Management) and BBA (Aviation Operations) courses. On the occasion Mr. Ramesh Kumar, the Airport Controller of Jolly Grant Airport, Dehradun was also present.

Mr. Bhawe addressed the students and the faculty members about the role of AERA and its need for the changing scenario of Aviation industry. He suggested the need of research on the "Return on investment of the Airport Operators", "Traffic Forecasting", and "Airport Charges Determination" to be taken up.

Cairn Industry-Institute Interaction Program



Mr. Santosh Chandra,
Head - Drilling & Petroleum
Engineering, Cairn Energy
India Pty. Ltd.

Mr. Santosh Chandra, Head - Drilling & Petroleum Engineering, Cairn Energy India Pty. Ltd., during his visit to the campus delivered a talk to the budding Petroleum engineering students on energy scenario in India, focusing on Cairn's contribution in fulfilling nation's energy demand. Later Cairn and UPES agreed to conduct Cairn Industry-Institute Interaction Program (CIIP) in which Cairn experts will be delivering lectures to the students. Cairn will also train faculty members of the Petroleum Engineering Department at their office in Gurgaon. The students will be taken for oil field visits as well.

Thank you Cairn India!

UPES has received an endowment of oil field equipments from Cairn Energy India Pty. Ltd. These are mainly drilling and completion equipments which have been sent from the Cairn's oil fields in Barmer region of Rajasthan.

These equipments will help the students have an actual exposure to the oilfield equipments which they have studied in their curriculum. Also the equipments will be quite helpful in research conducted during their studies. The equipments are displayed in the Drilling Fluids laboratory and will also be added as a practical in the lab examinations in the coming semesters.

MBA (Logistics & Supply Chain)



Mr. Samuel Samson,
Head -SCM & CIO
Future Supply Chain
Solutions Ltd.



Mr. Dilip Sinha,
General Manager
(HR) Future Supply
Chain Solutions Ltd.

The MBA (LSCM) Batch 2010 was inaugurated by Mr. Samuel Samson, Head -SCM & CIO and Mr. Dilip Sinha, General Manager (HR) of Future Supply Chain Solutions Limited, Mumbai.

Dr. Neeraj Anand, HOD, LSCM made a brief presentation about the MBA (LSCM) Program. Mr. Samson talked about customised retail formats of Future Group focusing on customer needs at local or regional level. Mr. Sinha spoke highly of the three alumni of MBA (LSCM) first batch placed with Future Supply Chain Solutions, Mumbai.

Prof. G.C. Tiwari, PVC, Ms. Sumana Mazumdar, Dy. Director- Career Services, Dr. H.C. Trivedi, Dean COMES, Dr. K.V.M. Mohana Rao, Associate Dean and other members of the Department had an interactive session with the distinguished guests.

B. Tech (APE)

Mr. R. Suriyanarayan, Vice President (HR), BG India inaugurated the B. Tech APE (Gas specialization), 2010 Batch. Mr. Suriyanarayan interacted with the students. Many queries raised by the students were addressed by him and he gave deep insights on the future trends, challenges and career opportunities in the gas stream.

He praised UPES, Dehradun for providing domain specific and quality education which is the need of the current petroleum sector era.



Mr. R. Suriyanarayan, Vice President HR, BG India at the UPES Laboratory



(r-l) Mr. N.V. (Nathaniel) Hedman, Chief Executive Officer & India Country Sales Manager, ExxonMobil Lubricants and Specialties Company and Mr. Naveen Shukla, Industrial Manager, ExxonMobil Lubricants and Specialties Company.

BBA (Oil & Gas)

Mr. N.V. (Nathaniel) Hedman, Chief Executive Officer and India Country Sales Manager, Exxon Mobil Lubricants and Specialties Company inaugurated the BBA (Oil & Gas) Management program.

At the outset, Mr. Nathaniel was briefed about the University by Pro-Vice Chancellor followed by a visit of the campus. Mr. Nathaniel delivered his talk on “The outlook for Energy: A view to 2030”.

Mr. Nathaniel was impressed with the facilities at UPES and stated “I am very impressed and this visit has exceeded my expectations. I look forward to interacting more with the University in the future”.

UPES - Computer Society of India (CSI) Student's Branch Opens



Lighting of Lamp during the inauguration of **UPES CSI Student Branch** (L-R) Mr. Vinay Avasthi, Students Branch Co-ordinator (SBC) & Hon. Secretary of CSI Dehradun Chapter, Mr. Vinod Kumar Taneja, DGM, NIC, Prof. G.C Tiwari, Pro Vice Chancellor, UPES, Prof. Durgesh Pant, UPES and Mr. Polash Bora, DM (Programming) GEOPIC, ONGC.



Students of UPES CSI Student Branch with Prof. Durgesh Pant, UPES, Dr. Shrihari, Dean COES, UPES, Mr. Vinod K Taneja, Mr. Vinay Avasthi and Mr. Polash Bora.

The **UPES - CSI Students Branch** was inaugurated at University Of Petroleum & Energy Studies, Dehradun.

Welcome address was delivered by Prof. G.C. Tiwari, Pro-Vice Chancellor, UPES who explained the importance of opening the students Chapter in the university and suggested students to fully utilize this broad platform by regularly organizing and participating in the activities.

Mr. Vinod K Taneja, DGM, National Informatics Centre addressed the students and emphasized the role of CSI in career building of students. There was also a presentation given by him on “**Cloud Computing**” which enhanced the knowledge of students on the topic.

Later a quiz competition “**TRIPOD**” was conducted by Mr. Polash Bora, DM (Programming), GEOPIC ONGC which was indeed an interactive session that made the students participate with full enthusiasm. The winners of the quiz were given prizes at the end of the function.

Guest Lectures

Dr. V. K. Nangia, *Professor and Head, Department of Management Studies, IIT- Roorkee*



Dr. V. K. Nangia, Professor and Head, Department of Management Studies, IIT- Roorkee visited the campus and made a presentation on the project entitled '**National Competitiveness in Knowledge Economy**'. The Rs. 5 crores project has been awarded to him by the Ministry of Communications and Information Technology, GOI.

Prof. Nangia is a distinguished Alumnus of Banaras Hindu University, and Chair Professor in Knowledge Economy, IIT -Roorkee. He has multi-functional expertise in Banking, Finance, General Management, Education and Institution Building. He has over 35 years of managerial experience and has held key positions with companies in India and overseas, in the banking and education sectors.

During his talk on the project he explained at length the execution of on demand dissemination of knowledge in the villages for the betterment and improvement of the quality of life at the rural level.

Mr. Atul Chandra, *President (International Operation), Reliance Industries Limited*

Mr. Atul Chandra, President (International Operations), Reliance Industries Ltd. addressed 160 students on the topic "**India's game plan for augmenting crude oil and gas supply to meet ever rising energy demand - Technological and Geo-political Challenges**". The students participated keenly in the Q&A session.



A group photograph of faculty members with students & Mr. Chandra

Mr. Sudhir Vasudeva, *Director - Offshore, Oil & Natural Gas Corp.*



Mr. Sudhir Vasudeva, Director-Offshore ONGC and Chairman 'SPE India Council' visited the campus. He gave a lecture on "**Challenges in Exploitation of Deep Offshore Oil & Gas Reservoirs**" to the students. Later, he interacted with the SPE Student Chapter team. In this meeting, a presentation on last year's and current year's activities and future plans of the chapter was presented.

Mr. Vasudeva was highly impressed by the progress of the chapter in such a short span and promised to extend all the support.

He complimented the SPE chapter team in his statement, "**For a nascent student chapter which is less than a year old, the UPES chapter is doing excellent work and it has very ambitious yet definite plans of doing many good projects. My compliment and best wishes to the student chapter and all the young SPE members in their endeavors.**"

Mr. Nilesh Sinha, *Managing Director, PROCAM Logistics*

Mr. Nilesh Sinha, Managing Director, PROCAM Logistics was the guest speaker to the students of MBA (Logistic & Supply Chain Management).

Mr. Sinha is a highly sought after professional in the specialized field of Project Logistics Operations in the country which encompasses logistics operations pertaining to handling over dimensional cargo. All critical aspects of operations and management requirements in terms of live shipping and ground handling examples were shared by him in his dissemination to the gathering of faculty and students of MBA (LSCM). The program proved to be of high interest and learning for all.



Mr. Molayjeet Banerjee, *Manager - Materials Management, HCL and*

Mr. Padma Kumar, *HR - Head, HCL*

The LSCM Department organized a Guest Lecture by Mr. Molayjeet Banerjee (Manager-Materials Management) and Mr. Padma Kumar (HR-Head) both from HCL.

Mr. Padma Kumar made a presentation on HCL describing the various products and services offered by the company emphasizing on Systems Integration. The discussion took place primarily with MBA (LSCM) students of first and second year on "Materials Management Practices" adopted by HCL Limited at Rudrapur plant. The session yielded an opportunity to work on Dissertations as live projects with HCL Limited at Rudrapur plant and recruitment possibility of UPES's passing out batch.

Distinguished experts at College of Legal Studies

Mr. Lalit Bhasin, *Senior Advocate, Supreme Court*

Mr. Lalit Bhasin, Senior Advocate of Supreme Court and former Chairman of Bar Council of India addressed the students. He suggested that more students should take up the career of law as a practice since tremendous avenues await them with career prospects in sectors including energy, Oil & Gas and infrastructure. He gave a very positive note of the curriculum and programs of the UPES and offered to provide internship to its students to mould them as good lawyers and professionals.



Dr. K.P.K. Pillay, *Senior Advocate, Supreme Court*

Dr. K.P.K. Pillay, Senior Advocate, Supreme Court of India presented a paper in the Faculty Development Program organized by College of Legal Studies on 'Legal Research'. He also addressed the students of V and VII semesters on "Fundamentals of Moot Court and Mooting techniques".

Dr. Pillay was previously Vice Chairman of Kerala Bar Council and Legal Education Committee of Bar Council of Kerala. He is an academic lawyer and a visiting professor of NUALS, Kerala and ILI, New Delhi. He is a moot trainer of Kerala Law Academy Law College, Thiruvananthapuram, which is known for its excellence in moot court and mooting practices including client counseling. He is also a subject expert in Jurisprudence, CPC, Criminal Laws and other procedural matters.

Dr. Pillay has his Ph.D on Inherent powers of High Courts and is a research guide of NUALS, for their Ph. D programs.



The Intellect Treasure

Dr. Neelu J Ahuja, Assistant Professor delivered a lecture in the Faculty Development Program at Doon Business School, Dehradun. Dr. Ahuja made presentation on 'e-Learning –new way of life, Theory and Implementation'.



Prof. T. Devidas, *Constitutional Jurist*

Prof. T. Devidas, a renowned constitutional jurist addressed the students of College of Legal Studies. He is an expert in Constitutional Law, Administrative Law, Jurisprudence, and International Law. The interacting session was fruitful in enlightening students of COLS about the basic law of land with a critical analysis of latest judicial pronouncements.

Justice Ashok Bhan, *former Judge Supreme Court*

Hon'ble Justice Mr. Ashok Bhan, former Judge of Supreme Court, who is presently the Chairman National Consumer Dispute Research Commission visited Dehradun campus and the College of Legal Studies. He was given a traditional welcome at the campus by Prof. G.C. Tewari, PVC, Ms. Deepa Verma, Director Institutional Affairs and other faculty of COLS. He judged the final round of parliamentary debate competitions organized by COLS. This was followed by presentation of paper by the students of



COLS. Justice Bhan highlighted the transformation taking place in legal education in India. He mentioned that the sector specific institutions like UPES have a greater role to play in the days to come.

He mentioned that the concept of consumer protection has shifted from '**Caveat Emptor**' to '**Caveat Vanditor**'. He wished UPES a prosperous future ahead.

Mr. J.S. Pandya, *former Consultant, Deloitte USA*

Mr. J.S. Pandya, former Consultant, Deloitte USA and an expert in project management took a session on 'Project Management' for various streams of MBA (LSCM, PM, O&G & PSM).

He covered various aspects that addressed issues on Life Cycle of Project, Role of Stakeholders, Scope, Project Delivery Strategy, Project Management Softwares, Monitoring and legal aspects. He also discussed live case studies of a refinery and other infrastructure projects, sharing his practical experience of working with the projects in various countries.

He took a special session on "Claim Avoidance".



Paper Presentation /
Publication

The Intellect Treasure

Ms. N. Chitra, Doctoral Research Fellow, UPES presented a paper titled "Application of Kalman Types Filters in Parameter Estimation of Petroleum Reservoirs" at SPE Sub-regional meet Student Paper presentation contest at Pandit Deendayal Petroleum University, Gandhinagar. She bagged the first prize in the MTech/ PhD division.

Emerging calls of law and the new roles of lawyers



Mr. R. Venkataramani
Senior Advocate
Supreme Court of India

The empire of law is expanding as definitely as the demands and motions of democracy and open society. A contemporary historian of ideas and institutions may well begin with the upheavals of thoughts and social movements of the past two centuries, the great appeal of communist ideology and alongside, the opposite, freedom and liberty. She may narrate chronicles of supremacy of individual freedoms – catalogued in national and transnational instruments and write footnotes on the enormous unleash of human creativity, the new forms of human resources and the need for order and equality. The course of this narrative perhaps cannot escape noticing the challenges emerging from new frontiers of knowledge, and human endeavours to create new resources and products, and the political processes endeavouring to secure these closer to the needs of all humanity – obliterating inequalities and disparities.

All of earth's resources and the potential of the universe to the extent accessible to human reach are now open books of knowledge. The march of science and technology has made possible rapid additions of new chapters of knowledge and product making. Correspondingly globalization has impacted and will continue to impact several dimensions of our lives, by way of "generating transcontinental or interregional flows and networks of activity, interaction, and the exercise of power".¹ Financial markets and their integration, intrusive technologies, economic and legal integrations, profound changes in the nature and forms of work, have pushed human relationships and the location and exercise of power into new dimensions and frontiers.

The object of this brief glimpse is not to undermine or negate the eternal importance of survey and critique

of human interactions, resources command – in private hands or State instrumentalities – and the ultimate ends of creating a just and equitable social order – domestically and worldwide. No flags are raised in honour of exclusivity of any economic or political system. Yet the un-diminishable value of all freedoms and their relevance to human well being and peace cannot be lost sight of. It is in this total context that the need to comprehend and take stock of exciting areas of law, and their manifold relevance deserves to be noticed.

An expanding genre of legal writing on issues and subjects of alphabetical stretch tell us about the silent and quiet revolution of human activity and ideas, worldwide. The new subjects of human activity produce corresponding subjects of rights, responsibilities, regulation, control and ultimately justice. Writing on the impact of internationalization of law, a recent study observes thus:

"Some legal fields, including the study of legal profession, have always been more internationalized than others. Areas of law most closely connected with international trade and multinational companies, such as international business contracts, anti trust law and competition policy, financial markets, intellectual property, the internet and new technology, cyber crime, national security, labour and social law, labour regulation and new forms of work, and now environmental law and public interest law, have been affected more than family law and property law. But even discounting for our lack of empirical knowledge of the effects of globalisation of many areas of law, it is clear that the internationalized sector has tended to grow, despite national and local diversity."²

Let me illustrate: The study of company law is no longer a matter of mere internal management. It transcends the borders of private law of obligations of shareholders and stretches into public law and obligations to and compliances with several societal demands. The study of taxation is not merely the study of accounting and computation in terms of tax liability provisions, but also a compendium of benefits, exemptions, concessions and thus a study of law,

¹ [Global Transformations : Politics, Economics and Culture : D Held A Mc Grew, D. Gold Blatt and J. Perraton; Cambridge Polity Press]

² The EU, the WTO and China : Francis Snyder – Hart Publishing – 2010.

³ See Generally Law of Obligations - Geoffrey Samuel - Edward Elgar - Publishing 2010.

economics international and Trans border trade and commerce and promotion of industry and innovations. The study of intellectual property is today a study of private appropriation of, inventiveness, novelty and originality among other matters in respect of chemicals, Pharmaceuticals, Bio-technology, designs, packing, advertisements, apparels and more that relate to several fields of human activity. Space law invites debates on regulation and responsibilities; Energy laws may entail questions about equitable distribution and the impact on existing notions of private and public obligations etc.³ Thus the engineer of law is today called upon to understand the role and relevance of engineering; the scientist of law is called upon to deal with the integration

of science and its position in key areas of life.

Aboriginal Art is also a contender for intellectual property rights; Traditional medicine systems are healthy competitors in the health care arena; Alternate forms of energy and their technological innovations are slowly attaining greater visibilities; Environmental concerns are propelling sustainable technology movements. It may thus not be an exaggeration to state that niche segments of contemporary human activity call for exalted roles for law and lawyers – as policy makers, as explorers, as science and technology collaborators, as mediators and conciliators, and thus in advancement of humanity and justice. ■

The Annual Planning & Review Meeting



Senior UPES Officials at Annual Planning & Review Meeting-2010

This year the *Annual Planning and Review Meeting* took place from 16th to 18th September, 2010 at Dehradun. APRM is an annual meeting where the senior members of the University management team do a self-analysis of their last year's plans and its implementation results. It also focuses on the next year's vision and the desired steps to be adopted.

The importance of APRM increases with the fact that this meeting sets goals and the achieving timelines for the HODs. Accordingly each departmental head reviewed his/her own last year's performance with the renewed goal setting as per the larger plan of the University.

The tone for the APRM was set by the President UPES, Mr. Sanjay Kaul in which he expressed his expectation that the young generation in UPES should take up ownership and demonstrate unity of purpose and culture. It was decided that the Vice Chancellor, Dr. Parag Diwan would take on the mentoring role for Marketing and Enrolments and Career Services.

The Chancellor Dr. S.J. Chopra gave an overview of the research and development activities as he is spearheading the R&D initiatives. The Pro Vice Chancellor and the deans gave presentations on campus governance and plans for the future programs.



The Intellect Treasure

Ms. Rashmi Tripathi, Lecturer, UPES presented a paper titled "Re-thinking Development: People Centred Approach to Sustainable Consumption" in the National Seminar on "Sustainable Consumption, Climate Change and Consumers - Towards a Better Future" held at Indian Institute of Public Administration (IIPA), New Delhi.

Pioneering Alumni Meet of UPES

The 1st alumni meet of UPES was held with great fanfare on Dec 25th & 26th, 2010. In this two day event, over 200 alumni enjoyed the visit to their alma-mater with a packed program of fun and entertainment.

It was a mega reunion where the alumni gathered, some of them with their spouses, to reminisce, network, get updated and re-connect with friends from all over the country. The alumni who attended the reunion came from more than 50 companies. Prominent amongst them were Mahindra & Mahindra, Hindustan Petroleum, IndianOil, Hero Honda, Weatherford, Shell India, IGL, PWC, Hindustan Computers, Deloitte and Castrol.

The meet started with a bang that had the alumni testing their shooting skills. UPES had arranged the 'Jaspal Rana' shooting range which is in the proximity of the campus. The shooting 'skills' of the alumni were on display with shots being missed or hit the bull's eye. All in all, an enjoyable fare. From there the group started on a trek of 5 km around the area.

The evening had further fun. An entertaining cultural program by a professional troop from Dehradun had been organized. The DJ and the band were in attendance through out the evening. It was like old college days when the alumni danced, sang and unwound



themselves. Chancellor Dr. S.J. Chopra, Vice Chancellor, Dr. Parag Diwan and President UPES, Mr. Sanjay Kaul joined the party in disguise as Santa Claus. Many faculty members also joined the party.

Day 2 was partly formal when the alumni spoke about the professional life and how UPES has helped in their growth on the work front. They went around the campus and saw the developments of infrastructure, labs and R&D centre since their departure on completion of their studies. They pasted their business cards on the wall of faith specially created for the day. They were also presented with gifts.

The parting celebration was a T-10 cricket match between the Chancellor-XI and Vice Chancellor-XI which was won by Chancellor-XI.



Paper Presentation/ Publication



Dr. Sumeet Gupta- Assistant Professor UPES has published a book **“RECENT ECONOMIC GROWTH IN INDIA: CONTEMPORARY ISSUES”**. This book is a comprehensive and multidisciplinary study of recent growth trends in the Indian economic scenario.

The Intellect Treasure

Happenings...

A two day National Conference on “Emerging Trends in Communication: Corporate and Academic”

Centre of Communication held a two day conference on “Emerging Trends in Communication: Corporate and Academic - 2010”. The focus was to enlighten the minds of the academicians and corporate personnel not only on the importance of existing strategies of communication but also regarding the innovative approaches and emerging trends in communication and its implication.



Participants and speakers of the conference

The Plenary session included **Ms. Vanessa Williams** the founder of **The Williams Partnership**, Executive Coach and Trainer in Transactional Analysis, United Kingdom, **Dr. Rajul Bhargav** from Rajasthan University, Jaipur, **Dr. Shravan Kumar Sharma**, Professor Gurukul Kangadi University, Haridwar and **Dr. Ruby Gupta**, Head Department of Humanities, Dehradun Institute of Technology.

The program was a rich mix of formats, ranging from plenary session and highly interactive discussion sessions. The other speakers who spoke during the conference were **Ms. Anubha Sharma**, IMS Dehradun, **Mr. Himanshu Mahapatra**, Head & Professor Utkal University, Bhubneshwar, Orrisa, **Ms. Venkatramana Borra**, Assistant Professor, Gandhi Institute of Technology and Management, Vishakhapatnam, **Dr. Gurupyari Bhatnagar**, Assistant Professor, Graphic Era University, Dehradun.

Interpersonal Skills & Leadership

A workshop on ‘Interpersonal Skills & Leadership’, as a Faculty Development Program by Centre for Communication was conducted by **Ms. Vanessa Williams**, the founder of The Williams Partnership, Executive Coach and Trainer in Transactional Analysis, United Kingdom.

The prime focus of the workshop was to bring sustainable change and development in the individuals for a happier life. The workshop provided an in-depth understanding of the complexities of human behaviour in business setting and how to overcome innumerable challenges and problems that one faces at work place.

The workshop opened a new window of opportunity for the participants for deeper exploration, skill building and knowledge-exchange that aim at enabling individuals to become more effective and fulfilled in what they do. It also helped the participants to enhance their leadership qualities and proactiveness.



The session in progress

UPES students manage Uttarakhand stall at 30th India International Trade Fair

The 30th India International Trade Fair (IITF) held in New Delhi from Nov 14 – 27, 2010 was organized by India Trade Promotion Organization (ITPO). This trade fair aims at providing a platform for Indian manufacturers and traders to present their products; it also works as an excellent means of projecting India’s technological advancement and industrial progress.

The theme of this year’s fair was “**Clean and Energy Efficient Technology Products & Services**”. Four students of the ENERGY INCUBATION CENTRE of UPES from MBA (International Business) participated



Photo taken at IITF showing Chief Minister Uttarakhand Dr. Ramesh Pokhriyal. Seen amongst others are UPES students Priyanka Gupta, Mamta Kumari, Pankaj Joshi & Anirban Ghosh of MBA – International Business course

in the stall as nodal information providers. These students have done their internship projects under UHHDC Dehradun. The stall was visited by Chief Minister of the State Dr. Ramesh Pokhriyal who discussed the key findings of their internship research project titled “Detailed Analysis of Positioning of Himadri’s products and its Comparative Study in the Domestic Market”. The project was funded by UHHDC, Uttarakhand.

Workshop for UPES Academic Team

A workshop was conducted on the topic, “Developing Research Proposals, Obtaining Grants/Funding, Carrying out Research and Publishing its Results” for the benefit of UPES faculty on 4th December 2010.

The objective of the workshop was to inculcate the skills for research and development right from inception, getting grants for developmental works, publishing and holding the copyright and/or patent for research work.

The attendees were exposed to a complete chronology of activities in experimental Research and Development in the area of Engineering and detailed out examples from Oil and Gas domain.

The issues involved in theoretical research were discussed along with methodologies adopted to solve some specific industrial problems. The mathematical

aspects of Engineering Research were also discussed.

The process of carrying out literature review and use of statistical tools for analyzing Research related data along with Univariate modeling were emphasized. Specific R&D areas were identified along with the funding agencies available.

Dr. K.P.K. Pillay, an advocate from Delhi spoke on the judicial process and the research done to enlarge the working of the Indian Constitution.

The attendees appreciated the presentations made and suggested that subsequently such Seminar/ Workshops be held separately for each College.

UPES students team win Robowars

UPES team participated in the national open event MECHATHLON 10 organized by ISMU, Dhanbad. More than 35 academic institutions including 5 IITs and many NITs participated from all over India.

The competition involved making a robot of given specifications and competing with other robots. The fabrication of UPES Robot by the students took nearly two months under the supervision of Dr. Mukesh Saxena. The UPES team won the first prize and were awarded with a certificate of merit.



Students demonstrating the Robot to Chancellor Dr. S.J. Chopra, PVC Prof. G.C. Tewari and Dr. Mukesh Saxena before departure for the competition



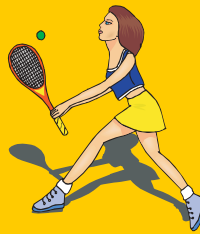
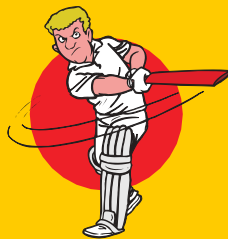
The UPES team – declared as winners

Paper Presentation / Publication



Prof. Ash Narayan Sah, Assistant Professor presented a paper on “Dynamic Relationship among FIIs, Mutual Funds and Stock Returns Volatility: A Study of Indian Stock Market”. The paper was presented in the International Conference on Financial Sector Reforms and the Indian Economy held at IIM (Kozhikode) recently.

The Intellect Treasure



UPES GIRLS HIT THE BULL'S EYE in SHOOTING

The Journey of UPES Shooting team started in the month of August 2010, when two of our girls Pratibha Singh, MBA (Power Management) - Ist Year and Pallavi Dora, BBA (LLB) - Ist Year participated in state shooting championship and were able to grab one gold and one bronze medal in .22 air pistol event. From this championship there was no looking back for them. In the very next competition which was the "State Inter Collegiate Shooting Championship" our team of three girls and two boys were able to win 9 medals in three different categories out of which 6 were gold.

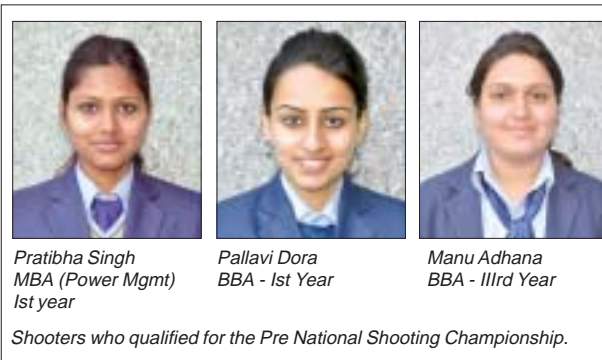
UPES shooting team was on a roll after this motivating performance. The team under the able guidance of none other than International Shooter, Jaspal Rana, started preparing for the forthcoming State Inter University Shooting Championship.

UPES Shooters this time broke all the records and grabbed 10 Gold, 05 Silver and 01 Bronze medal which made a total of 16 medals in the state championship. Above all three of our female shooters also qualified for the pre-National Shooting Championship at Guwahati.

At Guwahati, Pallavi Dora from UPES qualified for the National Shooting Championship and now she is only one step away to represent the nation at the international level.

The total number of medals won by UPES Team in past five months are **Gold 17, Silver 7 and Bronze 3.**

The motivating performance of young shooters encouraged us to be a part of the State Shooting Association, Uttarakhand.



Pratibha Singh
MBA (Power Mgmt)
Ist year

Pallavi Dora
BBA - Ist Year

Manu Adhana
BBA - IIIrd Year

Shooters who qualified for the Pre National Shooting Championship.

Football

Under the aegis of UPES Sports Department an Intramural Football Tournament was organized in the month of September 2010. The tournament was a grand success as 32 teams from different courses participated in the tournament. The inauguration saw an exhibition match between teams of Maharana Pratap Sports College and District Football Association, Dehradun.



The final match was played between teams of B.Tech - IVth year and BBA - IIIrd year which B.Tech - IVth year won by a score line of 3-2.

The Chief Guest for the final match was Mr. Pratap Singh Patwal, a top ranked Indian Referee on the elite panel of FIFA. He recently officiated the Asian Confederation Cup at Myanmar.



Prof. Agam Kumar Tyagi



Prof. Vineet Mediratta

The Intellect Treasure

Prof. Agam Kumar Tyagi & Prof. Vineet Mediratta, Assistant Professors, UPES; published a joint research paper titled "Design and analysis of single phase full wave converter by using MATLAB / SIMULINK AND ANN" in 3rd the International Conference on Computer and Electrical Engineering held at Chengdu, China.

This conference was sponsored by IEEE, IACSIT & Sichuan Institute of Electronics and hosted by the University of Electronic Science and Technology of China (UESTC) and Southwest Jiaotong University.

UPES showcased at Petrotech 2010 exhibition



Mr. Sudhir Vasudeva, Director Offshore, ONGC inaugurating the UPES stall at Petrotech 2010 Exhibition

The Petrotech 2010 conference and exhibition was organized from Oct 31 - Nov 3, 2010 in New Delhi. It is the flagship Indian biennial International Oil and Gas Conference and Exhibition organized under the aegis of the Ministry of Petroleum & Natural Gas. Petrotech is now well established as a consequence of eight successful events that have been organized since 1995. The event projects the Indian Oil and Gas Industry and provides a global networking opportunity to participants in addition to providing a platform to display cutting-edge technology and scientific innovation by service providers and vendors at the exhibition.

Theme of the conference this year was “Global Energy Equilibrium”. UPES had put up a stall at the exhibition which presented the strengths of the University in the various streams of Energy Sector. It was inaugurated by Mr. Sudhir Vasudeva, Director Offshore, ONGC. Mr. Vasudeva who had recently visited UPES campus at Dehradun appreciated the stall. The stall was visited by nearly 10,000 visitors during the period of the exhibition who were presented with an informative four pager flyer specially made for the occasion.



View of the UPES stall



A paper titled “**The Generalized Class of Synthetic estimators for small Areas Under Systematic Sampling Scheme**” by **Dr. KK Pandey, Assistant Professor** has been published in *Statistics in Transitions, New Series, Poland, Volume 11*.

Management Development Program on **PROJECT MANAGEMENT** **Benchmarks Redefined**

May 3rd - 6th, 2011
MDP Block, CMES, UPES, Dehradun



About the Program

UPES is organizing a 4 days Residential Management Development Program titled "Project Management: Benchmarks Redefined". The aim of the program is to address the various project management concerns, technical and non-technical issues through presentations, discussions and exposure to live projects. The program would have active participation of eminent project management professionals and practitioners from the energy and infrastructure sectors from India and abroad.

UPES is the India's First University offering graduate, post-graduate and doctoral programs in energy and infrastructure sectors. ISPE, its sister concern, has been actively updating the industry professionals about industry and technological trends through Tailored Consultancy, MDPs, Conferences, Industry Driven Events and Topical Seminars across these sectors.

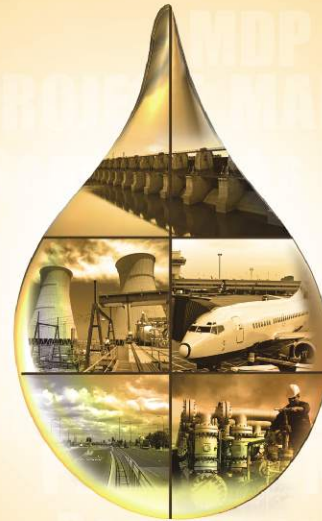
DISCUSSION SESSIONS ON:

- ◆ Organizational Dynamics
- ◆ Project Formatting
- ◆ Sources of Funds
- ◆ Raising Funds & Dealing with Commercial Banks
- ◆ Feasibility Analysis
- ◆ Risk Management, BOQs & Costing
- ◆ Managing Stakeholders
- ◆ Legal Aspects of Contract Management
- ◆ Cloud Computing
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- ◆ Project Success Factors
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Exposure to Group Live Projects: Planning & Formulation

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Payment

Payable by demand draft: Kindly enclose the cheque or Demand draft in favor of "University of Petroleum & Energy Studies" payable at New Delhi, India. For any other query please contact: Dr Neeraj Anand on **09997807491**, Dr Neeraj Rawat on **07895298901**

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