

# Newsletter



Vol. 60 October 2016



## THE NORTHCAP UNIVERSITY

(For internal circulation only)

### NCU Activities

#### TEDx at NCU

The University organized a mega event TEDx on 22 October 2016 which witnessed participation of different eminent speakers from various walks of life. TED (Technology, Entertainment and Design) is a global set of conferences run by a private non-profit organization, Sapling Foundation, under the slogan 'Ideas Worth Spreading'. The goal of TEDxTheNorthCap University was to bring together bright minds and social influencers to give talks that are idea – focused and inspirational. The list of notable personalities at the event included Mr Adil Hussain, actor; Mr Aseem Trivedi, cartoonist and activist; Mr Oscar Fernandes, politician and a senior leader of the Congress party; Padmashri Prof. Pushpesh Pant, a food critic and academician; Mr Manish Tyagi, stand-up comic; Mr Anubhav Wadhwa, the youngest entrepreneur in India; Mr Rijo Thomas, musician; and Ms Shubhra Puri who launched Gurgaon First. The speakers shared their views on the theme 'Tracing the mind of influencers'. Addressing a large gathering which included students and faculty of the University, they revealed their journey of struggle and success. The students were excited to interact with the luminaries and were motivated by the talks delivered.



#### Special Lecture on Experiential Learning



Prof. Ravindra Ojha, Director SOET invited Mr Rohit Agarwal, Asst General Manager, Dalmia Bharat Ltd. for delivering a guest lecture on 'Some experiential learning from handling large projects' on 26 October 2016. Mr Agarwal shared his professional experience with students of Project Management which comprised students of Dept of CSE& IT and MBA. He shared interesting experiences about challenges faced by Project Managers, growing need of project management in software industries, reasons behind delay of projects, how to restore the original plan and how to be mentally and physically fit in high demanding job profile of a Project Manager. The students were very enthusiastic during the session and raised many queries which were aptly answered by the speaker.

#### Prof IK Varma receives ICCDM Trivedi Lifetime Achievement Award

Prof. IK Varma has received ICCDM Trivedi Lifetime Achievement Award 2015 on 30 September 2016 at Taj Hotel, Mumbai for her contribution to Indian Chemical Industry. Prof. Varma is an Honorary Research Professor at NCU and an expert in Polymer Science.



The University congratulates Prof. IK Varma on her continued achievements and recognitions.

### Performance by Russian Artists

The Brahmakumari establishment in our neighbourhood invited a team of Russian artists, 'Divine Light' on 5 October 2016 for an Art and Culture Programme at The NorthCap University. The Divine Light group is associated with Brahmakumaris and constitutes of youth of different educational and professional background from Russia.

The Russian artists presented a mesmerizing cultural show filled with different forms of dances to a large gathering of faculty, staff and students of the University, members of Brahmakumaris and invited guests. Their performance offered the audience a rainbow consisting of different rhythms, costumes, videos, songs and a blend of Russian folk dances, Hindi classical dances, elements of Russian classical ballet etc. The artists delivered a message of universal brotherhood which left an impression of peace and harmony on one and all.

The troupe was accompanied by Sister Santosh, Director Divine Light, St Petersburg, Russia. Sister Santosh complimented the University for its beautiful ambience and said that cleanliness connects you to divinity and brings in purity and happiness.



### Yukti conducts Cleanliness Drive

Yukti is students' initiative at the University which aims at bringing the faculty and students together to make life better for the society, regardless of caste, colour, religion or status. Yukti conducted a cleanliness drive in and around the University on 6 October 2016 under its Jagriti Cell. The campaign was conducted to spread awareness amongst our students and staff, and residents of the neighbourhood about need of a clean environment and to improve the appearance of the sector. As in the past, the student volunteers gathered in large numbers to clean the designated areas. Roads from University campus to Tau Devi Lal Park, Sector 23 A,

Gurugram were cleaned and garbage was collected. The students pledged to continue the drive and make the Swachch Bharat Mission a success.



### PET Recycling Machine installed at NCU

Hand Care Foundation, in association with Enactus Chapter at The NorthCap University, has installed a plastic bottle recycling machine in the University campus near the Cafeteria. The used PET bottles can be recycled through this machine and can be converted into T-shirts, bag packs, caps etc. About 12 PET bottles can be recycled to produce a T-shirt. Using the machine not only encourages recycling, but also helps in reducing littering and maintaining a clean environment. The collected waste is recycled or reused as per the legal and environment norms. Recycling of all kinds of packaging waste (such as PET, plastics, paper etc.) and marketing / promotion of recycled products ensures a greener and safer environment for the present and future generations.



## News from the School of Engineering and Technology

### Department of EECE

#### Faculty Activities

Dr Sharda Vashisth, Associate Professor was invited as a Session Chair at REDSET-2016, a Springer Conference held at GD Goenka University, Gurugram on 21 and 22 October 2016. REDSET-2016 focused on experimental, theoretical and application aspects of innovations in computational intelligence. Dr Vashisth was awarded with a memento during the Conference.

### Department of CSE and IT

#### Departmental Activities

#### Guest Lectures

- The Department organized a guest lecture on 'Network Security and Routing Algorithms' by Mr Ashok Kumar Dhaktode, Network Manager at Nimbuzz Technologies Pvt. Ltd on 26 October 2016. Mr Dhaktode is a CCIE(R&S) candidate with an experience of 14 years

and has an expertise in designing, implementation, optimization and operations in Computer Networks. He is certified in MCP, CCNA, CCIP, JNCIA and ITILV3 (Foundation). The event was coordinated by Ms Hitesh Yadav. [CSE2016G004]

- The Department organized a guest lecture on 'Risk Management' by Ms Aparajita Sinha, Security Analyst at Ernst & Young Global Delivery Services, Gurugram on 22 October 2016. Ms Sinha is a certified Privacy Lead Assessor by Data Security Council of India and her areas of interest include security, privacy, IT process operations, healthcare programme management, Linux and network administration, telecommunication, documentation and technical writing in risk management. The event was coordinated by Dr Yogita Gigras and Dr Latika Singh. [CSE2016G006]
- The Department organized a guest lecture on 'Security and Privacy Aware Analytics' by Dr Sameep Mehta, Senior Researcher and Manager at IBM Research India. Dr Mehta is an eminent speaker of ACM India and his research interests include data mining, text mining, machine learning, big data technologies, social data analytics and knowledge graph. The session was coordinated by Ms Geetika Munjal and Dr Latika Singh. [CSE2016G008]
- The Department of CSE&IT organized a guest lecture on 'Apache Spark' by Dr Himanshu Gupta on 10 October 2016. Apache Spark is a fast and general search engine for large-scale data processing and can handle big data efficiently. An alumnus of IIT Kanpur and IIT Delhi, Dr Himanshu Gupta is working as a Technical Staff Member at IBM India Research Lab, Gurugram. The session was attended by over 50 students including BTech 5th and 7th sem and MTech 1st and 2nd year. The lecture focussed on Apache Spark along with added features as compared to Hadoop, Spark core, Spark SQL. The concepts were discussed with practical examples. The event was coordinated by Ms Meghna Sharma and Dr Latika Singh. [CSE2016G009]



*Dr Himanshu Gupta giving a talk on Apache Spark*

### Alumni Interactions

- The Department organized an expert talk and interactive session on 'Project Management and IT Infrastructure' by Mr Nitish Arora (CSE Alumni, 2004-2008). Mr Arora is working as Unit Manager, IT infra project program, Metlife Global Operations. The session was coordinated by Alumni Cell of the Department. [CSE2016G005]
- The Department of CSE&IT organized an expert talk and interactive session on 'Basic Organizational Ethics' by Mr Pranav Bhardwaj (CSE Alumni, 2006-2010) on 6 October 2016. Mr Bhardwaj is currently working as an Instructional Designer and Business Developer at Genpact. He has expertise in Business

Analytics and Content Management. During the interactive lecture, Mr Bhardwaj shared his professional journey with the students. The event was coordinated by Ms Jyotsna, Asst Professor, Dept of CSE&IT. [CSE2016G007]



*Mr Pranav Bhardwaj addressing the students*

### Other Activities

- As a part of Department's academic outreach activities, the Cyber Security team of Department conducted a workshop on 'Cyber Security Essentials' at Global Institute of Engineering and Technology, Gurugram on 20 October 2016. A team of four faculty members, namely Dr Prachi Ahlawat, Dr Supriya Raheja, Dr Shilpa Mahajan and Ms Mehak Khurana interacted with the students of GITM and demonstrated the theoretical as well as practical applications of Cyber Security. The workshop was attended by 35 final year students and 40 pre-final year students who got a hands-on experience on the fundamentals of cyber security. The students appreciated the workshop and asked for more such sessions in the future.
- A research lecture on 'Symmetry Based Automatic Evolution of Patterns: A New Approach' was delivered by Dr Vijendra Singh to CSE faculty members on 22 October 2016. The objective of the lecture was to show how new line symmetry based method is able to evolve optimal pattern solutions without prior knowledge of the actual number of patterns. A comparative analysis of results was presented during his lecture.
- A research lecture on 'Landslide Detection from Satellite Images' was delivered by Dr Akansha Singh, Associate Professor, to CSE&IT faculty members on 6 October 2016. Dr Singh focused on a semi-automatic approach for landslide detection from remote sensing images and digital terrain information.
- The Department has taken an initiative to tie up with IIT Madras for conducting Quality Enhancement in Engineering Education (QEEE) programme for students to bridge the knowledge gap and enhance their all-round development towards employability. In the current semester, a course on 'Non-Linear Data Structures and Applications' has been introduced for 2nd year students where live lectures are delivered by IIT Bombay Faculty, Prof. Supratim Biswas. Around 38 students attended these lectures. Similarly, another course on 'Priority Queues and Trees - Data Structures' was introduced for 2nd year students where live lectures were delivered and projected in remote classrooms to all students by Prof. G Venkatesh from IIT Madras. 40 students attended these lectures. These sessions were coordinated by Ms Suman Lata and Ms Mehak Khurana.

### Club and Society Activities

- ❑ The Google Students Club (GSC) conducted an ice-breaking session on 12 October 2016 that included introduction of the GSC team members. The 'Best introductory slide' competition was also held which was attended by 40 extended team members and coordinated by Arushi Thakur, Abhishek Barry and faculty coordinator, Ms Jyotika Pruthi.
- ❑ Team CapCoders (CodeChef Student Chapter, NCU) conducted CodeStorm V2.0 on 8 October 2016 with an aim to promote competitive programming among students. 48 participants registered for the competition including from outside the University, who put in over 300 submissions.

### Faculty Activities

- ❑ Dr Kavita Khanna was selected as reviewer/ member Technical Programme Committee during 5th International Conference on Reliability, Infocom Technologies and Optimization, organized by Amity Institute of Information Technology, Amity University, Uttar Pradesh from 7-9 September 2016.

Dr Khanna delivered a talk on 'Artificial Neural Networks using Scilab' on 30 September 2016 for short term course on 'Scilab Programming' held at Kasturba Institute of Technology, Delhi from 26-30 September 2016.

- ❑ Dr Vijendra Singh has been appointed as Chairman, special session on 'Computational Intelligence in Data Science and Big Data 2017' during IEEE 4th International Conference on Computing for Sustainable Global Development, New Delhi, to be held from 1-3 March 2017. He is also selected as reviewer/ editorial board members, Journal of Organizational and End User Computing (JOEUC), Indexed in SCI, IGI Global, USA.

## Department of Civil and Environmental Engineering

### Departmental Activities

#### Space Day Celebrations

The Department of Civil & Environmental Engineering organized their annual technical fest 'SPACE Day' on 4 October 2016. SPACE is the Society in Pursuit of Advances in Civil Engineering. The fest was inaugurated by the Pro-Vice Chancellor, Brig. SK Sharma (Retd), Director SOET, Prof. Ravindra Ojha, Distinguished Professor Emeritus, Dr Pramila Goyal and HOD Civil & Environmental Engineering, Dr Amit Srivastava. The ceremony started with the lamp lighting followed by the launch of first edition of SPACE magazine. The ceremony also included a



*SPACE Day celebrations*

talk by Brig. SK Sharma where he motivated the students about Civil Engineering and its importance. A cultural dance performance by a team of students and faculty was presented, which filled the audience with enthusiasm. The opening ceremony ended with announcement of the new SPACE team for the academic year 2016-17.

The SPACE Day constituted various technical and non-technical events like Bridge making competition, wherein 25 teams from different batches participated in the quiz, dance competition and photo contest etc. By the end of the day, Dr Amit Srivastava, HoD distributed certificates and prizes to the winners of different competitions. [CEE20160016]

### Expert Talk by Dr RK Jenamani



*Dr R K Jenamani addressing the students*

Dr RK Jenamani, Scientist-F, India Meteorological Department (IMD), New Delhi, was invited by the Department on 28 September 2016 for delivering a special lecture on 'Cyclone, Drought and Floods and their relation with Monsoon Circulation'. Dr Jenamani has a vast experience of over 25 years in weather monitoring and forecasting, early warning systems, disaster management and mitigation techniques. The session was attended by BTech students of 8th Sem of ECE, CSE&IT and Mechanical Engineering branches for the Open Elective course 'Disaster Management'. [CEE2016G009]

### Industrial Visits

Under coordination of Ms Megha Kalra and Mr Akx Malik, an industrial visit to Ultratech RMC Plant, Gurugram was organized on 24 October 2016 for the 2nd year BTech and 1st year MTech students. The plant is the second oldest RMC plant of Ultratech in India which caters to the need of builders in the region. It produces 60 m<sup>3</sup> of concrete per hour and has also manufactured concrete of M90 grade. The officials at the Plant have agreed to associate with the University regarding guest lectures and summer internships of students. [CEE2016V003]

### Faculty Activities

- ❑ Dr Anil Kumar Misra was awarded with a Certificate for good reviews by Elsevier Journal 'Energy Conversion and Management' for the published manuscripts.
- ❑ Mr Shubham Bansal was invited to attend a seminar on 'Upgradation of Surveying Lab Equipment' organized by Janak Positioning & Surveying Systems Pvt. Ltd., Noida on 18 October 2016. The theme of the seminar was how to train your students with modern surveying systems. Live demonstration and hands on training on modern surveying equipment such as digital theodolite and digital GPS system were provided to the participants.

## Department of Mechanical Engineering

### Departmental Activities

#### Guest Lecture & Society Activities



*Guest Lecture by Mr Kapil Singhal*

The Department organized a special lecture on 5 October 2016 under the aegis of Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE). Mr Kapil Singhal from BP RefCool, Gurugram who has more than 15 years of experience in HVAC&R industry delivered the talk on past, present and future refrigerants. A total of 22 student participants attended the session. The event was coordinated by the Society coordinator, Dr Amit Arora. [MED2016G003]

#### Industrial Interactions

- ❑ The Department conducted an industrial visit to Yakult DNNONE Pvt. Ltd. Rai Sonipat, Haryana on 1 October 2016 for the students of BTech 1st, 2nd & 3rd year. 45 students benefited by understanding the plant layout of a FMCG industry, automation facility, packaging etc. The visit is expected to assist in taking up student projects from industry. Mr Deepak Monga and Mr Gagan Baradia coordinated the visit. [MED2016O031]
- ❑ Dr Shiv Manjaree Gopaliya and Mr Manoj Kumar Gopaliya visited AG Industries, Gurugram on 5 October 2016. Various possibilities of having summer internships, live projects and industrial visits were discussed with Mr Ashok Gupta, GM Corp. HR, AG Industries. [MED2016O032]
- ❑ Prof. R Ojha and Ms Shikha Kashyap visited IFB Binola plant on 15 October 2016, to review progress of students' performance, engaged with the industry for their major projects. Two ME students, Omkar Kaushik and Saket Jha have pursued their summer internships with IFB and continue the work for their major project. During the visit, inventory related issues were identified to be critical in the industry and same were finalized as problem area for the project. The visit was guided by Mr Ruchir Mathur, Plant Head and mentor for NCU students at IFB. [MED2016O033]

#### ISHRAE Student Chapter Installation

On the same day the Department invited Mr Dhiraj Rastogi, President of ISHRAE Sub-Chapter Gurugram for establishing its Student Chapter at NCU. ISHRAE is an international associate of ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers). It has more than 10,000 HVAC&R professionals and 3,000 students as members with 40 chapters and sub-chapters across India. Mr Dhiraj Rastogi presented the Charter of Student Chapter to the faculty coordinator, Dr Amit Arora. The Chapter has 28 student members with the steering committee constituting six members from final and pre-final year



*Steering committee of the ISHRAE Student chapter*

batches. Installation of the ISHRAE Chapter is expected to give a boost to the industry-institute interaction in Mechanical Engineering. [MED2016O034]

#### SAE team in National Competition

A team of 10 students from the Department participated in the 'Effi-Cycle', a national competition at Jalandhar initiated by SAEINDIA North India Section from 12-15 October 2016. 'Effi-Cycle' promotes the objective of providing opportunity to the students to conceive, design and fabricate a three-wheel configuration vehicle powered by human-electric hybrid power. The objective is to promote innovation and generate consciousness amongst the young engineers towards environment friendly mobility solution. [MED2016O035]

#### Faculty Activities

Mr Ashwini Sharma was invited as keynote speaker at MSME cluster of Jalandhar industries on 21 October 2016 where he delivered a talk on 'Design for MSMEs'. [MED2016I002]

## Department of Applied Sciences

### Industrial Visit

Dr Sunanda Vashisth and Dr Sunita Sharma coordinated a visit to National Physical Laboratory (NPL), Delhi on 27 September 2016 for 30 students of BTech CSE and Mech Engg. 1st Sem and PhD Scholars. National Physical Laboratory celebrated CSIR Foundation Day in which scientists explained the basics and advance works in various research areas being carried out at NPL. The students gained the knowledge in the field of optics through an optical microscope, using of femto second laser and how laser is used for sputtering etc. Students also visited the solar cell lab and had a



*Visit to National Physical Laboratory*

feel of designing hybrid solar cells. Dr Sharma discussed about her research work on Strontium Ferrite material with Dr RP Pant, Chief Scientist & Head, EPR & Magnetic Fluids and he agreed to collaborate with the University. It was a great platform for the young minds to interact with the scientists and gain exposure to the recent research work in the field of Physics. [APS2016V003]

### Society Activities

The Mathemactive Society of NCU conducted an event named 'TIC for TAC' on 6 October 2016. Spanning through three rounds, the event tested the speed, presence of mind and the mathematical skill of the participants. There were around 30 participants and the top 3 were declared winners. [APS2016O009]

## Centre for Languages Learning

### Departmental Activities

#### FDP on Communication Skills

CLL conducted two consecutive FDP sessions on Communication Skills on 3 and 5 September 2016. The sessions gave insights on improving spoken English skills by using standard pronunciation and giving adequate importance to pauses while speaking for better assimilation by listeners. The sessions introduced the critical aspects of correct grammatical structures for immaculate speech with practice sessions for participants, duly facilitated by Ms Prerna Chauhan. [CLL2016FO006]



*FDP in progress*

### Industrial Interaction

As a part of industrial outreach, Ms Prerna Chauhan from CLL engaged with VDoIT Technologies Gurugram and conducted a session on 'Task Ownership' and role of related aspects in fostering a productive environment at the workplace, on 10 September 2016. The session dwelt on a better understanding of the concept of 'ownership' and 'accountability', progressively building on to trust and motivation amongst employees. It included inputs on how ownership can be effectively transferred to employees based on an understanding of required competencies using RACI matrix for the tasks at hand. The interactive discussion also emphasized appropriate delegation of authority and effective communication for achievement of objectives. [CLL2016O007]

### Faculty Activities

Dr Payal Khurana, Asst. Professor, was invited to judge the Inter-School English Debate Competition at NK Bagrodia School, Dwarka on 30 August 2016. The motion of the debate was 'School should be a Techno hub for students' which witnessed a participation of around 20 schools. [CLL2016O006]

## News from the School of Management

### In talk with Prof. Sanjay Goyal



*Prof. Sanjay Goyal  
Professor & Dean,  
School of Management*

Prof. Sanjay Goyal, Professor & Dean, School of Management, NCU, has over 25 years of international work experience in developed and emerging markets and over ten years of experience as Adjunct and Visiting faculty with leading business schools in India and the UAE. He has worked with premier institutes like IMT Group, IIFT New Delhi, MDI Gurugram, ISB and XLRI. His vast industry experience includes Ericsson-India, America, Australia and New Zealand; Tennyson Technologies, Australia etc.

Prof. Goyal shared his views in a talk with Ms Rekha Mathur, Sr Editor, NCU, on the changing scenario of businesses and how the School of Management is gearing up not just to prepare students to be a part of the future but for getting ready to shape the future. He opined that with the advent of globalization 2.0, technology, digitization, Internet of Things (IoT) etc. there is knowledge/information explosion. The content of businesses has changed from customer experience to customer lifestyle. Environment sustainability is crucial in every business and thus the world needs new economic models.

'At NCU's School of Management, it is our commitment to disseminate knowledge relevant to the future. For providing a holistic professional experience to students our chief focus will now be on content, pedagogy and industry exposure. As we work with our students, we aim to prepare them for the challenges of the workplace and equip them with the ability to think for themselves. Assimilation of knowledge and self-learning are important so that students can continue acquiring useful knowledge and using it effectively for planning and organizing people, processes and systems in the organizations that they will go on to manage.'

'We are reviewing the content, pedagogy and industry relevance of courses offered at SOM. Our approach is outcome-based. We are striving to promote more industry specific learning by increasing the activities that bring us closer to the industry such as more interaction with industry stalwarts and academia-industry collaboration. NCU's Centre of Creativity, Innovation and Entrepreneurship is on my radar and we will soon be able to make it a platform for entrepreneurship at the University.'

Prof. Goyal is of the view that The NorthCap University has a distinct advantage as it is located in the industrial hub of Gurugram and has three Schools viz., the Schools of Engineering & Technology, Management and Law functioning from one campus creating opportunities for synergetic learning. He is of the opinion that if the Schools work more closely with each other, the students would be able to get an in-house wholesome experience in a techno-pervasive environment.

### Guest Lecture

A guest lecture on 'Competency Mapping' by Dr Seema Sanghi, Managing Director, StyraX Consulting Pvt. Ltd was organized at School of Management for MBA students on 30 September 2016. Dr Sanghi shared her work on competency framework developed for PSUs, UPSC and many other private organizations. The lecture was coordinated by Ms Jaya Ahuja.

## News from the School of Law

### Departmental Activities

#### Guest Lectures

- School of Law organized a guest lecture on 'The Skills and Techniques of Mooting' by Ms Chhaya Bhardwaj, Scholar, Vermont Law School on 30 September 2016 for 1st Year students. Ms Bhardwaj explained that a moot court competition simulates a court hearing in which participants analyze a problem, research the relevant law, prepare written submission, and present oral arguments. The lecture was very informative and enlightened the students towards the right direction of their advocacy career.



*Guest lecture by Ms Chhaya Bhardwaj*

- School of Law organized a special lecture on 'Merger and Acquisition, Private Equity and Corporate Social Responsibility' by Ms Rachna Jain, Partner at Desai Dewanji, on 7 October 2016. The speaker talked on basics legal rules of corporate world and discussed various areas of Business Mercantile Law including banking instruments, rights and obligations of strategic and private equity investors, contribution agreements, material adverse effects (mac concept), closing process, warranty, management rights of investors, and more. The students were also made aware of issues faced by the legal corporate industry like stamping and areas of law that are still not covered by Indian provisions even though they are internationally recognized.
- With the primary objective to discuss the importance of Trademark protection and the procedure for it, the students of School of Law got an opportunity to attend a guest lecture by IP attorneys, Mr Rajeev Suri and Ms Rachna Bhaskhru, partners at RNA, a prominent Intellectual Property (IP) firm on 13 October 2016. The lecture began with an overview of the purpose behind the existence of Trademark rights and their importance to a business. The speakers laid emphasis on the registration process for a mark and the possible delays and expenses involved during the registration procedure. They inspired the students to pursue the career as a Trademark Attorney and discussed the common problems faced by brand owners in countries like India like that of infringement, unfair competition, counterfeiting, etc., along with the possible solutions to such problems.

### Second Client Consultation Competition - 2016

School of Law organized the Second Edition of The Client Consultation Competition on 21 October 2016. 56 students from different Law schools across India participated in the competition. The final round was chaired by Mr Abhishek Phutela, Hon'ble Chief Judicial Magistrate-cum-

Secretary, District Legal Services Authority, Gurugram. Mr Phutela highlighted the need of such clinical activities to be undertaken by Law schools to prepare the students for their professional accomplishments.

The competition was aimed at promoting greater knowledge and interest among Law students in the preventive law and counselling functions of a legal practice. It encouraged students in developing interviewing, planning, and analytical skills in the lawyer-client relationship in the law office. Tanya and Vishakha from University of Petroleum and Energy Studies, Dehradun emerged as the winners of the competition, defeating Divya and Nidhi from Vivekananda Institute of Professional Studies, New Delhi in the final round. Mementos and certificates were awarded to the participants.

## News from the School of Professional Attachment (SPA)

### Placements during the month

- A fast growing start-up firm in IT and consultancy, Globus 8, conducted on-campus placement drive on 3 October 2016. Mr Alok Sinha, CEO was delighted to witness the conduct and preparation of the students, which in turn led to 16 offers after the drive.



*Mr Alok Sinha, CEO Globus 8, being welcomed by Mr BK Gupta*

- Coral Research, our hiring partner with an expertise in research work, conducted their first level of screening for Management students on 4 October 2016.
- A product based firm located in Gurugram, Nagarro, conducted the pre-placement talk and online test on 20 October 2016. They shortlisted 16 students for the next round. The final results are awaited.
- Beijing Wavespectrum, a Chinese firm conducted the on-campus placement drive on 24 October 2016 for Mechanical Engineering students and offered placements to 2 students.
- EY visited the University on 25 and 26 October 2016 to conduct on-campus placement drive for final year engineering students. The officials of the organization were happy to see the state-of-art infrastructure of the University. After the drive, EY officials conferred 11 students with the welcome on-board kit.

## Research Papers Published

### Journals

#### International

- Vaishali Sahu, Amit Srivastava and V Gayathri (2016) 'Effect of Lime and Gypsum on Engineering Properties of Badarpur Fly Ash',

- International Journal of Engineering and Technology Innovation, Vol. 6, No. 4, pp. 294-304, CEE2016J010.
- ❑ Divyabha (2016) 'Dalit Literature: An Insurrectionary Voice', Contemporary Literary Review India, Vol. 3, No. 3, pp. 110-119, CLL2016J009.
  - ❑ Rita Rana Chhikara, Prabha Sharma and Latika Singh (2016) 'An Improved Dynamic Discrete Firefly Algorithm for Blind Image Steganalysis', International Journal of Machine Learning and Cybernetics, CSE2016J054.
  - ❑ Jagdeep Kaur and Pradeep Tomar (2016) 'Frefcosco: A Fuzzy Relation- Based Fuzzy Clustering of Software Components', International Journal of Control Theory and Applications, Vol. 9, No. 11, pp. 5443-5448, CSE2016J055.
  - ❑ Krishna Kant Singh and Akansha Singh (2016) 'Identification of Flooded Area from Satellite Images Using Hybrid Kohonen Fuzzy C-Means Sigma Classifier', Egyptian Journal of Remote Sensing and Space Sciences, CSE2016J056.
  - ❑ Poonam Sharma and Anjali Garg (2016) 'Neural Networks for Hindi Speech Recognition', International Journal of Engineering Applied Sciences and Technology, Vol.1, No.8, pp.108-112, CSE2016J057.

#### National

- ❑ Saket Jha, Shikha Kashyap and Ravindra Ojha (2016) 'Evaluation of Performance Parameters of End of Line (EOL) Testing Machine in Automotive Industry Using AHP Technique', Journal of Aeronautical and Automotive Engineering, Vol. 3, No. 2, pp. 73-76, MED2016J032.
- ❑ Omkar Kaushik, Shikha Kashyap and Ravindra Ojha (2016) 'Analysis of Rotary Gas Metal Arc Welding (GMAW) Process in Automotive Industry using 7 QC Tools', Journal of Basic and Applied Engineering Research, Vol.3, No.11, pp.1025-1029, MED2016J033.

## Student Activities

- ❑ A team of three Law students, Ankush Chattopadhyay and Kshitez Kaushik from 4th year and Brijesh Ladwal from 3rd year represented the School of Law, NCU at the Ranka – Manipal Moot Court Competition organized by Manipal University, Jaipur from 1-3 October 2016. The NCU team won the Best Researcher's Prize.
- ❑ Neha Yadav, student MTech VLSI Design got an internship offer with prestigious Intel Technology India Pvt Ltd. The University wishes her all the best for her future endeavours.

- ❑ Sushma Y (15CSU243) represented NCU's OSA student chapter at the Student Leadership Conference and FIO/LS on 17 October at Rochester, New York. The conference included workshops on Science Educators Day which enlightened the students on how to get published and funded, along with various grants that OSA offers to its student chapters.

Sushma was given an opportunity to present reports on education outreach programmes and a poster presentation on NCU Chapter's activities and future agendas. She was awarded with a Certificate and an Explore Optics Kit. The NCU OSA Chapter functions under guidance of Dr Hukum Singh, OSA Chapter Adviser.

## Outreach Activities of Prof. Prem Vrat Pro-Chancellor, Professor of Eminence and Chief Mentor



**Prof. Prem Vrat**  
*Pro-Chancellor,  
Prof. of Eminence  
and Chief Mentor*

- ❑ Prof. Prem Vrat has been appointed as member of the Expert Committee by Ministry of Railways, Government of India to prepare a report to set-up a world standard Railway Advanced Institute 'SHRESTHA' (Special Railway Establishment for Strategic Technology and Holistic Advancement). The Committee is expected to give its report in a year's time.
- ❑ Prof. Prem Vrat attended a meeting of the 'Advisory Group of Expert on Upgradation of Technology and Leveraging Make in India' in Indian Railways, at NITI Ayog on 4 October 2016.
- ❑ Prof. Prem Vrat attended a luncheon meeting as a member and Governor-Chancellor's nominee to the Executive Council of YMCA University of Science and Technology, Faridabad to meet NAAC visiting team to their University on 13 October 2016.
- ❑ Prof. Prem Vrat delivered lectures at IIT Delhi on 14 and 21 October 2016 as an Honorary Professor.
- ❑ Prof. Prem Vrat graced a cultural evening programme as a Distinguished Guest of Honour, organized by a well-known literary organization 'Suruchi Sahitya Kala Parivar' Gurugram on 23 October 2016 at Government Post Graduate College, Sec 14, Gurugram. Outstanding teachers were also honoured under 'Shikshak Gaurav Samaroh' on the occasion.

