

# Newsletter



Vol. 76 February 2018

## THE NORTHCAP UNIVERSITY

(For internal circulation only)

### NCU signs MoU with Space Application Centre, ISRO



Space Application Centre (SAC), ISRO, Ahmedabad signed an MoU with The NorthCap University for installing two India Regional Navigation Satellite Systems (IRNSS) receivers at the University, on 5 February 2018. IRNSS is an independent regional navigation satellite system developed by India, which is designed to provide accurate real time positioning and timing services to users in India as well as the region, extending up to 1500 km from its boundary. The system which is named NAVIC is an acronym for Navigation using Indian Constellation. The MoU was signed at Ahmedabad jointly by the Director SAC, Mr Tapan Mishra and the Vice-Chancellor, NCU, Prof. H B Raghavendra.

The MoU provides for collection and analysis of data on a regular basis for verification, research work for mutually agreed topics, research and scientific topics. The navigational receivers will greatly facilitate students and faculty in their research and project work at the University.

### Quality Conclave on 'Leadership for Quality'

American Society of Quality (ASQ) Student Chapter of NCU organised a Quality Conclave on the theme 'Leadership for Quality' for the students of the University on 23 Feb 2018. The keynote addresses were delivered by Prof. Prem Vrat and Dr S Guruprasad, Director General (PC & SI), DRDO. It was followed by a panel discussion on the theme which was moderated by Mr Ciby James, Dir ASQ South Asia with participants from NTPC, Concentrix, BHEL and Maruti. The prime attraction of the day was the Case Study Competition on

## NCU Activities

the theme, 'Ford: A Bumpy Ride' in which students tackled problems with unique solutions and were judged by industry experts from GMR, Cargill, Maruti and Bharti Foundation. Students from all the Schools at the University attended the Conclave and interacted with the eminent industrialists. ASQ-NCU Student Chapter strives to connect the NextGen leaders with the industry.



### HR Conclave 2018

The NorthCap University organized 'HR Conclave 2018' on 15 Feb 2018. The event brought together eminent HR professionals from the industry on a common platform where they shared their experiences and best practices on the topic 'Nurturing Human Capital in 21st century Organizations - Prospects and Challenges'. Over 450 participants interacted with the faculties and students from the disciplines of Engineering, Management and Law. Delivering the welcome address the Vice-Chancellor, Prof. HB Raghavendra said that in today's dynamic work environments nothing is more important than building a sustainable workforce. This needs positive thinking and engagement of individuals aligned to the vision and culture of their organization.

The event was inaugurated by the Chief Guest, Mr Niraj Kumar, Managing Director, Deloitte. In his keynote address he highlighted how rapid changes in technology are influencing both the people and their workplaces. He mentioned how the field of HR has substantially evolved with time and has embraced technology for day-to-day activities of recruiting, skill development of employees and performance reviews. Eminent delegates at the conclave included industry experts from Maruti Centre for Excellence, British Telecom,



Fidelity International, Express Roadways, Square Root, Exicom Tele-Systems Ltd, Kellton Tech, City Innovates Pvt Ltd among others.

Some of the major projects on display included New Genre Motorcycle, SUPRA Vehicle, Go-Kart Vehicle, GSM based Dot Matrix Display, Door alarm using Arduino & ultrasonic sensor, Digital Tachometer using 8051 Microcontroller, Biometric Vehicle Security, Smart Organic Rooftop Farming, Car Game with Gesture Control, Smart Streetlight, Busy Road, Hydraulic Lift, Fire Alarm (Physics), Global Warming etc.

The event ended with a vote of thanks proposed by the Director, School of Professional Attachment, Mr BK Gupta.

## Seventh Academic Advisory Board Meeting



The seventh Academic Advisory Board Meeting of the University was held on 24 February 2018 to review the progress made during the year and advise on future plans for the growth and development of the University. The Academic Advisory Board is the supreme advisory body comprising of eminent educationists and industry experts drawn from across the country.

Honourable members exchanged views, presented new and refreshing ideas, and advised on actions to improve the academic life and other essential deliverables so that the University could achieve its ultimate aim of attaining a position of pre-eminence in India and have a global presence. They discussed key issues such as strategic initiative and branding activities of the University, Innovation Incubation Centre, Centre of Excellence, academic planning etc. Their inputs shall go a long way to help shape and enhance the overall academic quality, curriculum development and spectrum of services at this premier University.

Members of the Board also interacted with faculty members and students on the Dean's List, sharing their thoughts and inspiring them to be innovators, ground breakers and nation builders.

## Workshop on Counselling by ICTRC

The Institute of Counsellor Training Research & Consultancy, New Delhi, conducted a workshop on counselling skills for Recruitment Professionals and Head Admissions of universities on 23 Feb 2018 at India Habitat Centre, New Delhi. This was attended by the Registrar, Col Bikram Mohanty (Retd) & Dy Manager Student Administration, Ms Kiran Mrig.

The objective of this workshop was to apprise the members about the complex process that a student undergoes to make a career choice and to equip the functionaries of the Admission Department with the knowledge, skills and attitude necessary for counselling so that they are able to function effectively. It

was stressed that in order to improve the process, the counsellors should know about the students' abilities, aptitudes, interest, personality and the value systems which affect the career making decision of students.

## Live telecast of Prime Minister's address to students

Hon'ble Prime Minister, Shri Narendra Modi addressed students of schools and colleges and spoke about the importance of stress-free exams which was telecast live at The NorthCap University from 11am to 12 noon on 16 February 2018. Special arrangements were made by the University so that a maximum number of students were able to join the Prime Minister's session 'Pariksha Par Charcha'. A large number of students benefitted from the Prime Minister's advice.



## Mitsubishi Electric Cup 2018-Team Adroit

Mitsubishi Electric India Pvt Ltd organized the Mitsubishi Electric Cup-2018, the national level competition for factory automation skill for engineering students, in association with the Institute of Technology, Nirma University, Ahmedabad from 15-17 Feb 2018. NCU's multidisciplinary team 'Adroit' comprising of Smridhi Seth, Prithu Jain, Abhijeet Kumar, Dept of EECE and Mayank Juneja, Dept of ME under the guidance of Dr Anjali Garg participated in the Mitsubishi Electric Cup 2018 competition. Team Adroit developed a Smart Drainage Management System (SDMS), which aims at preventing water clogging. The team cleared the first round and was shortlisted amongst the top 35 teams out of over 150 teams from all over India. The final competition was held at Nirma University, Ahmedabad. The socially relevant project was appreciated and its commercial viability is being explored. Participation in this competition enhanced the visibility of the University and offered practical exposure to the participants.



## Delta Cup Training

Industry experts from Delta Electronics Ltd, Gurugram organized training for the Delta Cup on 'Industrial Automation' from 1-5 Feb 2018 at NCU. 36 students from four universities viz., The NorthCap University; NIET, GNoida; LPU, Punjab and NIT, Kurukshetra were selected to participate in this national level training programme. Three NCU students from each of the Depts of EECE and ME were selected for this important training along with faculty coordinators Dr Charu Rana and Mr Abhishek Pratap Singh. The highlights of the training programme were hands-on working on automation kits and interaction with industry experts. Students were trained to implement projects

based on automation, machines and robotics. Prof. Prem Vrat, Pro Chancellor and Prof. Ravindra Ojha, Director, SOET interacted with Delta officials Ms Rituparna Ghosh Vats, Dy GM (HR) and Mr Vimal Pandey, Assistant Manager for the next level of engagement between Delta and NCU.



### Qutbi Brothers perform at NCU

The NorthCap University takes pride in being the nodal centre for SPIC MACAY activities in Gurugram. The Society for the Promotion of Indian Classical Music and Culture Amongst Youth (SPIC MACAY) is a movement that promotes Indian classical music, classical dance, and other aspects of Indian culture amongst students. NCU, apart from aspiring for academic excellence, has always been promoting the values and wisdom embodied in the Indian heritage amongst the youth with a hope that these events will influence their way of life and inspire them to become a better human being.

On 27 Feb 2018, the University invited Haji Mohd Idris and Mohd Ilyas, popularly known as the Qutbi Brothers, one of the most significant Qawwali artists in contemporary Indian music. They were also Astana singers at the Durbar of Hazarat Qutbuddin Bakhtiar Kaki, from where they have been awarded the title of 'Qutbi Brothers'. At NCU they presented many heart-touching and popular qawwalis engrossing the audience completely. Through their performance as well as interaction with them, the audience was privileged to understand and appreciate some of the nuances of classical music. The students were enthralled by the beauty of the qawwalis and joined the eminent singers by clapping to their tunes.



### NCU celebrates Club Fiesta 2018

The University celebrated 'Club Fiesta' on 16 Feb 2018. It saw a culmination to the week-long activities, technical and non-technical, which were organized by various student clubs of the University from 12-16 Feb 2018.



On 16 Feb 2018, the Fiesta Day started with a street play on 'LGBT Rights' performed by the Abhimanch Society of NCU. The excitement was further carried forward by a spectacular salsa dance performance and scintillating performances by the University's music society 'Encore'. In the event 'Open Mic' participants expressed themselves through their talent which was followed by dance and song presentations as well as a Fashion Show.

The Fiesta Day ended on a positive note with the message 'The end of a story is the new beginning for many others'. The event was coordinated by Ms Mehak Khurana and Ms Garima, Dept of CSE&IT and Mr Pankaj Rakheja, Dept of EECE.

### Health Check-up Camp

In line with the University's commitment towards a 'Disease free fraternity' an informative session on Pain Management was delivered by Dr Sahay, Delhi Pain Management Centre, New Delhi followed by a Bone Marrow Density Diagnostic Camp on 10 Feb 2018. The camp created awareness about the availability of specialized non-surgical treatments for chronic pain. Around 50 members comprising of students, faculty and staff benefitted from the camp which was coordinated by Dr Shilpy Wadhwa, Medical Consultant, NCU.



### Career Counselling

- NCU's Admission Committee organized a career counselling session for school students and parents on 10 Feb 2018 at the University campus. Ms Jyotika Pruthi conducted the session and Dr Rekha Vig along with Ms Mehak Khurana briefed the participants about various career options after class XII along with information about programme offerings at The NorthCap University. This was followed by an interactive session wherein parents actively participated and discussed their career related queries.



Counselling at NCU



Counselling at Panipat

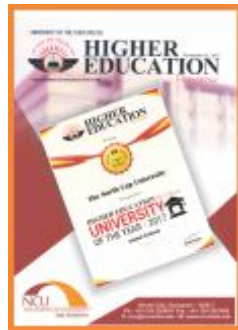
## University records historic win for the 17th time in Garden Competition



The NorthCap University won the First prize for the 17th consecutive year in the 'Educational Institutional Category' during Annual HUDA Flower Festival held from 24-25 Feb 2018. For the second time, the University won the First prize in Cut Flowers competition. Our gardeners deserve all praise for their tireless work of taking care of the plants and protecting them from the hot /cold and rainy weather. The variety of seasonal flowering plants were also prepared in pots and placed in a magnificent stepped formation to make the garden very colourful and giving it a spectacular look.

## Ranking

NCU was recognized as the University of the Year-2017 by Higher Education Review in their Dec 2017 issue.



## 'Matrabhasha Diwas' Celebrations

On 21 Feb 2018 the University celebrated 'Matrabhasha Diwas' to promote the use of one's mother tongue. To mark the occasion an 'Open Mic' session was organized in which students and faculty member Ms Jyotika Pruthi recited poems in Hindi. Pro Chancellor, Prof Prem Vrat spoke in Hindi about understanding the essentials of our Indian culture and the importance of imbibing the values of our ancient Indian culture. The event was coordinated by Dr Jyotsna Singh and Ms Jyotika Pruthi.



## Workshop on Virtual Labs

A Workshop on Virtual Labs (an initiative of MHRD under the National Mission on Education through ICT) was conducted by the expert team from IIT Delhi at NCU on 22 Feb 2018.

A total of 336 BTech 2nd Year students from the Depts of EECE, CSE&IT, ME & CEE participated in the workshop. The experts explained Virtual Electric

Circuits, Signal & System etc. in Electronics & Communication Engineering; Data Structures, Problem Solving etc. in Computer Science & Engineering; Surveying Laboratory, Soil Mechanics Laboratory etc. in Civil Engineering; Metal Forming, Remote Triggered Automotive Lab, Virtual Electric Circuits Lab etc. in Mechanical Engineering

## News from the School of Engineering and Technology

### Department of EECE

#### Industry conducts training programme

The Department of EECE and SPA jointly organized 'Ericsson Career Connect Program' for BTech ECE 6th Sem students from 8-10 Feb 2018. A total of 60 students participated in the programme which focused on telecom fundamentals, IP-Fication, everything over IP, emerging technologies and provided an overview of Next Generation Networks. The programme offered students the opportunity to be certified by Ericsson in 'Telecom Essentials'. Dr Neeraj K Shukla, Associate Professor, Department of EECE coordinated the programme.

#### Industrial Visit

- ❑ The Department organized a visit to the AutoExpo 2018 for BTech (ECE) 2nd Year students on 14 Feb 2018. It provided them the opportunity to see the new features in vehicles for the 'Go Green' drive and network management for new driverless car, which are a part of their curriculum. The visit was coordinated by Ms Pooja Sabherwal and Mr Pankaj Rakheja. [ECE2018V001]
- ❑ A visit to Maruti Suzuki, Gurugram was organized for BTech ECE and CSE students on 26 Feb 2018. Students visited the Engine Shop, Transaxle Shop, Press Shop, Weld Shop, Paint Shop, TCF Shop and Testing. They saw how automobiles are manufactured through a series of robotic machines and observed the work culture and the professional values that are followed there. The visit was coordinated by Mr Pankaj Rakheja, Ms Amanpreet Kaur and Ms Pooja Sabharwal. [ECE2018V002]
- ❑ An industrial visit to the National Institute of Solar Energy (NISE) was organized on 15 Jan 2018 to discuss the equipment required for a Solar Power lab set-up under FIST scheme and also help research scholars of the Department in their research areas. The team visited the Solar Modules Testing Division where various types of tests are done on crystalline silicon PV modules for qualification and type approval by NISE. Faculty and research scholars also visited other divisions such as for battery testing, converters testing, and outdoor PV plants that are used for research and study of all generations of PV modules. It was a learning experience for all the members as they were able to identify research areas where they could work. NISE authorities have agreed to allow scholars to visit NISE for carrying out their research work. Dr Vandana Khanna and Dr Anjali Garg coordinated the visit. [ECE2018V004]
- ❑ An industrial visit to Enkay Solar Power Plant, GNoida was organized by the Department for 22 students of BTech ECE 4th, 6th Sem and PhD scholars. Various sensors, automatic punching and packaging were explained to the students and they also visited the various sections of the industry and were explained each and every component of the panels. [ECE2018V005]

#### Expert Lecture

- ❑ The Department organized an expert lecture on 'Optimization Techniques' by Prof. Prabha Sharma on 31 Jan 2018. Prof. Prabha has vast experience in the design and analysis of algorithms for non-linear optimization problems. She explained the relevant part of the Pre-PhD

course work through context learning. Research scholars of EECE and CSE attended the lecture and were benefitted by it. The lecture was coordinated by Dr Shaveta Arora. [ECE2018G001]

### Guest Lecture

- ❑ A lecture on 'Data Communication: Latest Trends' was delivered by Mr L N Vishwanathan, VP, Exicom Pvt Ltd on 26 Feb 2018 for 6th sem ECE students. He explained the basics of digital communication including real time data analysis. The lecture was coordinated by Dr Sharda Vashisth and Ms Kusum Dangi. [ECE2018G003].
- ❑ The Department organized a lecture on Context learning for Signals and Systems by Prof. SD Joshi, Professor and Head, Electrical Department, IIT Delhi, on 22 Feb 2018 for BTech ECE 4th Sem students. He discussed the basic concepts of signals and transforms along with their practical significance. It was coordinated by Dr Sharda Vashisth and Ms Pooja Sabharwal.

### Higher Education abroad

Counselling on International Education in USA, Canada and Australia was organised by the Department for BTech 3rd & 4th Sem students. They were made aware of various opportunities available for higher studies abroad and the corresponding procedure for the same. [ECE2018O004]

### Workshop

A workshop on 'Deep Learning with MATLAB' was organized on 22 Feb 2018. The workshop was conducted by Mr Prashant Rao, Technical Manager and Dr Rishu Gupta, Senior Application Engineer, MathWorks. The technology is achieving unprecedented levels of accuracy to the point where deep learning algorithms can outperform humans at classifying images and can beat the world's best GO player.

Techniques of Deep Learning and Machine Learning through real life applications were explained like classifying heart sounds and computer vision applications and examples were discussed. Deployment of algorithms on hardware was demonstrated and use of MATLAB for image processing and computer vision and other online resources were shared. The workshop was coordinated by Dr Shaveta Arora.

## Department of CSE and IT

### Hackathon on Road Safety

- ❑ 'Hackathon on Road Safety: Code for a safer India!' was organized jointly by IIT Delhi, Live Media, Delhi Traffic Police and Ministry of Road Transport and Highways from 16-18 Feb 2018 at IIT Delhi. About 100 teams from all over India participated in the competition. Two teams out of 10 selected teams were from NCU comprising of Vaibhav Mago, Yash Yadav, Varun Ahuja, Sushma Yellapragada and Nikhil Taneja who successfully presented their ideas for mobile app. The selected teams have been given two months' time to develop a fully functional app with all the presented features. The teams were awarded certificates, T-shirts and prize money. The faculty coordinator for the event was Dr Charan Kumari [CSEO2018008]

### Guest Lecture

The Department organized a guest lecture on 'Cyber Security' by Prof. Michael Hegarty, Lecturer in Digital Forensics and Information Technology, ITB Ireland followed by interaction with students regarding studying at Ireland on 23 Feb 2018. He highlighted research in areas of Computer and Network Forensics and Mobile Device Forensics. The lecture was coordinated by Dr Rita Chhikara. [CSEG2018001]

### Exploring collaboration with University of Technologico de Monterrey

Dr C S Yadav, Professor in Finance, Department of Business and Director of International Academic Exchange, University of Technologico de Monterrey

conducted an interactive session with students of the Department on 1 Feb 2018. He discussed opportunities for student and faculty exchange between NCU and University of Technologico de Monterrey. Dr Yadav is also handling Innovation and Entrepreneurial Cell as Academic Coordinator at the University of Technologico de Monterrey. Dr Rita Chhikara and Ms Mehak Khurana coordinated the session. [CSEO2018012]

### Mentor-Mentee Interaction



**Prof. Karmeshu**  
Prof & Dean, School of Computer & Systems Sciences,  
JNU, New Delhi  
SS Bhatnagar Awardee

Prof. Karmeshu interacted with mentees regarding the progress of their research work and he also reviewed the LMS of subjects allotted to associated mentees on 21 Feb 2018. Ms Suman Bhatia coordinated the interaction. [CSEO2018002]

### Workshop

A workshop on 'Machine Learning and Big Data' which was conducted by Mr Akshat Goel (IITD alumni) Co-Founder & CTO, Eckovation and Mr Himanshu Ahuja, NCU Alumni (Class of 2016) on 6 Feb 2018. The workshop helped bridge the gap between the academia and the industry by bringing to the forefront the needs of the industry and how students can prepare themselves better for the real world. It also gave them awareness about possible career options after graduation. The faculty coordinator for the workshop was Dr Yogita Gigras. [CSEW2018001]

### Internship

The Department's IIIC Cell and faculty facilitated 17 internships including three each in Ansys Consulting, eSecForte, MMB and four in LendBox and other companies. [CSEO2018014]

## Department of Civil & Environmental Engineering

### Placements

Vipul, Final-year, was selected by the Indian Army's Military Engineering Services through TGC-127 at the rank of Lieutenant on 5 Feb 2018. He is among the 10 candidates who have been selected across the country for the post and will get 'Grade A' salary package of around Rs 18 lakhs per annum after completion of the training period.



The following CEE students were placed with reputed organizations:

Utkarsh Rawat, Coxwell Domes Engineers Pvt Ltd; Saksham Kaushik, Keystone Infrastructure; Yash Gupta, Jacobs Ltd (six months training + placement)

### Pre-placement Interviews



A PPI for pre-final year students was organized on 10 Feb 2018 to give them an actual interface with the corporate interviewing environment before the start of campus recruitments. Three Alumni of the Department, Mr Ujjwal Prabhakar,

JP Constructions; Mr Dilpreet, faculty at FIIT JEE Education and Ms Rupali Gupta, Ecosystem Resource Management along with faculty members interacted with the students and judged them on the basis of their technical knowledge, communication skills, general knowledge, dress code, HR skills etc. A feedback session was also conducted by the Department's Placement Cell in which faculty interacted with each student individually and gave them the panel's feedback, highlighting their key strengths and areas for improvement. [CEE2018O001]

### Workshop

The Department organized a workshop on STAAD PRO Software in collaboration with Apron Solutions Pvt Ltd for BTech 2nd, 3rd Year and MTech students on 9 Feb 2018. STAAD PRO is a structural analysis and design computer programme developed by Bentley Systems. It supports several steel, concrete and timber design codes. The session gave hands on experience to the students including practice sessions of different modules of the software. The workshop was coordinated by Mr Shubham Bansal. [CEE2018WO002]

### Guest Lecture

A mentoring session was organized on 9 Feb 2018 for 6th Sem BTech students by Mr Thainswemong Choudhury, Structural Engineer & Doctoral Fellow (Erasmus Mundus Heritage) jointly at Politecnico Di Milano, Italy and IIT Guwahati on Structural Numerical Modelling. Mr Choudhury has experience of over eight years in the field of Numerical and Physical Modelling of masonry structures and their seismic strengthening, he spoke about the beauty of modelling in software and its importance and demonstrated the process to be carried out for realistic numerical modelling of structures of high importance. The motivating lecture was followed by an interactive session on the topic. [CEE2018G001]

### Faculty Activities

- Mr Shubham Bansal and Ms Purnima Bajpai attended the 'National Energy Conclave' on Policy Issues and Regulatory Challenges in the Indian Energy Market on 7 Feb 2018 at PHD House, New Delhi. The session was addressed by Mr Ashok Kumar Rajput, Chief Engineer, Central Electricity Authority, GOI and Mr Suresh Kumar Agarwal, Chairman (UPERC), Govt of UP. The theme of the technical session-I was the 'Future of coal & gas based power generation in India in relation to renewable energy' while the technical session-II was about how to get 24/7 power by 2019. [CEE2018WA001]
- Mr Diptendu Roy, Assistant Professor is now a member of Earthquake Engineering Research Institute (EERI), an international organisation constituted by renowned universities and colleges of the world which conducts research, seminars, conferences and provides internships on Earthquake Mitigation Techniques and Advanced Earthquake Resistant Building Designs. [CEE2018O002]

## Department of Applied Sciences

### Visit to Surajkund International Craft Mela

BSc Physics (H) students experienced India's diverse heritage and became a part of Haryana's cultural fiesta, the 32nd Surajkund International Craft Mela at Faridabad on 13 Feb 2018. Dr Sunita Sharma explained the applications of 'Mechanics' in rides at the amusement park of the Mela to 1st Year students. [APS2018O005]

### Faculty Activities

- A research paper entitled 'Image encryption using structured phase mask in Fractional Fourier Domain' was presented by Poonam Yadav, Research Scholar & University Fellow and Dr Hukum Singh, Associate Professor at the International Conference on New Horizons in Science, Engineering, Management and Humanities conducted by the Conference World at IITM College of Engineering, Knowledge Park III, Gurgaon, on 16 Feb 2018. The conference was attended by renowned

scientists across the globe. The paper was awarded the Best Research Paper certificate.



- Dr Aditya Sharma Ghrera presented her research work on 'Electrochemical Detection of Urinary Tract Infection Using Quantum Dot Interface' in the International Conference on Nanobiotechnology organized by Jamia Millia Islamia held from 5-6 Nov 2017. It is a part of Dr Aditya's ongoing DST-SERB project. [APS2018C004]
- Dr Seema Thakran, Assistant Professor delivered a lecture on the topic 'Complex Numbers' for CBSE Udaan project for girl students of CBSE classes XI & XII on 28 Jan 2018. Udaan is a project launched by CBSE under the guidance of Ministry of Human Research Development, GOI. Dr Seema is associated with this project since 2015. [APS2018O007]



## Department of Mechanical Engineering

### Faculty Activity

Dr K Mathiyazhagan was invited by EGS Pillay Engineering College, Nagapattinam, Tamilnadu to deliver a lecture on the topic 'Hints on writing a scientific research paper' on 18 Jan 2018. The lecture was attended by 45 faculty members of different departments and was well appreciated by them. [MED2018I001]

### Industrial Visit

- Dr K Mathiyazhagan visited M/s Asahi India Glass Ltd, Bawal where he saw the various ongoing projects. He visited the entire plant to understand the progress made on the Six-Sigma project being carried out by NCU's research scholar, Narottam. Dr K Mathiyazhagan also explored possibilities for summer internship and live projects for ME students at the Bawal plant. [MED2018O002]
- Dr Rohit Singh Lather visited Goenka Electric Motor (GEM) Vehicles Pvt Ltd, Sonapat, on 1 Feb 2018 to purchase an electric axle for the Automobile Lab. He was accompanied by student Piyush, 6 Sem ME. [MED2018O004]

### Socially relevant industry sponsored projects

- Mr Siddharth Nakra, Director, Life CNC Tools, Faridabad, visited NCU on 9 Feb 2018 in connection with the project titled 'The Mango Project - Development of electric vehicle' submitted for support by Dr Rohit Singh Lather, Associate Professor. Mr Nakra had a brief interaction with Prof. Ravindra Ojha, DSOET and Head, ME. He visited the CAD lab where a presentation on the project was made by Rijul Arey, Rohit Jakhar and Rohit Kausal, 3rd Year students. He also explained to them how to prepare the final proposal for the project. Mr Siddharth Nakra has

agreed to sponsor the project after finalizing the details of the vehicle. The visit was facilitated by Dr Rohit Singh Lather. [MED2018O003]

- A team from Terra Motors (Japan's No 1 electric vehicle company), Gurugram visited NCU on 8 Feb 2018 in connection with a project titled 'Structural analysis of electric 3W chassis' submitted to Terra Motors for support by Dr Rohit Singh Lather, Mr Aditya Choudhary, and Mr Vaibhav Kaushik (BWS-Vibration Lab). The team from Terra Motors comprising of Mr Masanori Takahashi, Vice President Production and Mr Karthik Anantha, Manager, visited NCU to see and assess the resources and facilities for the project at the University. They discussed about the project with the project team of 3rd Year ME students as well as the technical staff. They also interacted with Prof. Prem Vrat, Pro-Chancellor; Prof. HB Raghavendra, Vice-Chancellor; Prof. Ravindra Ojha, DSOET and Head, Dept of ME. They visited the CAD Lab to see the Solidworks and ANSYS workstation facilities, BWS-Vibration Lab and IC Engines Lab. Terra Motors has agreed to sponsor the project after finalizing the details of the vehicle. The visit by Terra Motors was facilitated by Dr Rohit Singh Lather. [MED2018O006]



### Faculty Achievement

Dr Rohit Singh Lather has been selected as a Technical Paper Reviewer by the International Federation of Automotive Engineering Societies (FISITA) for 'FISITA 2018 World Automotive Congress' which will be held at Chennai, from 2-5 Oct 2018. World Automotive Congress is one of the biggest automotive events in the world. [MED2018O005]

### Workshop

A seminar on 'Renewable Skill Development' was organized jointly by the Department of ME and Skills Academy, Gurugram for over 60 mechanical, computer and electronics engineering students on 13 Feb 2018. The seminar created awareness about enhancing natural talents and capabilities to achieve goals. Upcoming internships and job opportunities in the renewable energy sector in India were also explored. Prof. Ravindra Ojha, and Dr Arjayyoti Goswami, Assistant Professor also attended the seminar which was coordinated by Dr Rohit Singh Lather, Associate Professor. [MED2018W0001]

## Centre for Languages Learning

### Workshop Attended

During Club Fiesta week from 12-16 Feb 2018 activities were organized by the clubs at the Centre for Languages Learning.

- Club Success Mantra organised 'Just Jumble' on 13 Feb 2018 in which participants had to guess jumbled words and sentences. There was a time limit of one minute for each question. The jumbled sentences were in reported speech and participants were tested for their grammar skills. The winner of this activity was Dinesh, 1st Year ECE. The event was coordinated by Surbhi Thakkar and Esha Changotra, Dept of EECE under the guidance of faculty coordinator, Dr Payal Khurana. [CLL2018O001]
- Club Lingua Franca organised 'Hypothesis Thinking' on 13 Feb 2018. By seeing an image, participants had to guess the name of the famous personality from the field of literature within a time limit of one minute.

The winner of this activity was Sudeepa, 2nd year, Dept of EECE. The event was coordinated by Esha Changotra and Surbhi Thakkar, 2nd year Dept of EECE under the guidance of faculty coordinator, Dr Payal Khurana. [CLL2018O003]



- The Speech and Debating Club, Abhivyakt, organised 'Pot Debate' on 12 Feb 2018 on the topic 'Is Bollywood becoming a soft target for political games?' The participants were judged on several parameters such as content, speech clarity, convincing ability, factual knowledge, confidence, body language, ability to reply to questions correctly and also the ability to ask questions. The participants came up with great points and intelligent answers. Jatin Hooda, BBA-LLB (H) stood First in the Debate. The 'Pot Debate' was coordinated by Chavi, Vice President, Abhivyakt and Dr Divyabha was the faculty coordinator of the event. [CLL2018O004]
- Club Samvaad organized a 'Round Table Conference' on 15 Feb 2018 to provide students a competitive platform to showcase their auditory skills. The event consisted of two rounds in which the topic for the 1st round was, 'Fearing one party state, the future of opposition' and the topic for the 2nd round was 'The trade-off between Data Privacy and Security of Aadhar Card'. Ipsa Ahuja, 1st Year, BBA stood First in the competition. Akshat Mathur, Vice President, 'Abhivyakt' was the student moderator which was coordinated by Divya Bagga, Gul Pulyani and Kartikeya Madan, BBA 1st year and the faculty coordinator for the event was Dr Divyabha. [CLL2018O002]



## News from the School of Management

### Departmental Activities

- SOM organised a Parent Faculty Interaction Meet on 3 Feb 2018. Parents came in large numbers and discussed the performance of their wards with faculty mentors. This initiative was appreciated by the parents and they have requested to conduct such events frequently. The event was coordinated by Dr Shilpa Sindhu. [SOM2018O003]
- A cultural programme 'A Colourful Canvas: Cultural Extravaganza' was organized by SOM on 23 Feb 2018. The aim of the event was to bring together different cultures and celebrate India's diversity. It is being felt that the younger generation needs to be made aware of our rich cultural heritage. Pro-Chancellor, Prof. Prem Vrat while addressing, the audience was appreciative of the initiative and suggested that more such events should be organized in the future also. The event comprised of folk dances from Haryana, Rajasthan, Assam, Punjab, Kerala, Odisha and Gujarat by students from the different departments



of the University. Mr Aroop Goswamy's gazal and Ms Archana Sarma's folk songs from Assam and West Bengal mesmerized the audience. The event was coordinated by Dr Saumya Dixit and Dr Sushmita B Waraich. [SOM2018O006]

### Faculty Activity

- Dr Sushmita B Waraich was invited as a Guest of Honour to chair a session on 'Human Resources Practices and Community Development' at the National Conference on 'Changing Economic and Business Environment in India: Prospects and Challenges' organized by the Christ Institute of Management, Ghaziabad on 10 Feb 2018. [SOM2018I001]

## News from the School of Law

### Guest Lecture

School of Law organized a guest lecture on the topic 'My Aim to be a Judicial Officer' by Mr Alok Kumar Ranjan, Director Ambition Law Institute, New Delhi on 2 Feb 2018 for Law students. The Institute provides education and training for competitive exams such as the Judicial Services Examination along with Civil Services Examination and CLAT. Mr Ranjan not only focused on several procedural laws but also motivated students to become future judges. He also shared a unique methodology to understand procedural laws. [SOL2018G002]

### Faculty Activities

- Ms Pallavi Bajpai was invited to chair a Technical Session at the International Seminar on Women and Law on 13 Jan 2018 organised by the Indian Law Institute in association with Law Mantra. The session had discussions on intriguing issues such as Gender and Law, Enforcement Impact of Displacement of Women, Women in Detention, Sexual Harassment at Work Place etc. [SOL2018O001]
- Ms Pallavi Bajpai was invited to Judge the event 'Debate: Satanic Verses' which was conducted by Symbiosis, Noida on 16 Feb 2018. Participants had to adopt the personality of a popular figure and then debate upon the theme associated with the personality eg. Debating as Narendra Modi vs Demonetization. [SOL2018O002]



### Rotaract NCU Club

There is a growing consensus about the importance of sex education in educational institutions and among the youth. Talking about it is considered no

more a taboo, especially in urban India. Taking this objective to the next level, AIDS Healthcare Foundation (AHF), supported by Rotaract Club of the NorthCap University, celebrated the International Condom Day at Connaught Place in New Delhi on 14 Feb 2018. HIV testing booths were set up which attracted the people who were seen eagerly awaiting their results. A series of flash mobs and rock band performances were organized and about 50 student volunteers of Rotaract NCU Club participated in the event. [SOL2018O003]



### Moot Court Activities

- A team of students from SOL comprising of Parwani Marwah, Tashi Vaish and Aishwarya Sharma, BBA-LLB (H) participated in the 6th Indraprastha National Moot Court Competition, IP University, Delhi, held from 23-25 Feb 2018. The Moot was based upon Criminal Law and Evidence Law. NCU students were the Competition's quarter-finalists. [SOL2018O004]
- Students participated in the 'Law Vision 2018', a Law fest organised by Dr Ambedkar College, Nagpur from 22-25 Feb 2018. The team comprised of Radhika Panhotra, Shubhagya Chauria, Parth Kumar, and Ruchika Sharma, BBA-LLB (H). The students participated in the National Moot Court Competition which focused on the Law of Contracts and in the National Client Consultation where they were semi-finalists. They also participated in the personality tests. [SOL2018O005]

### Visit to Lok Adalat at Tis Hazari Court

- 10 students of BBA-LLB (H) attended the Lok Adalat at Tis Hazari Court, New Delhi on 10 Feb 2018. They understood the procedures undertaken by the judicial officers in the redressal of disputes. The visit was coordinated by Ms Anushka Choudhary. [SOL2018V001]

## Library

Latest Libsys software and server have been installed in LIRC with the following new features:

1. Mobile App Facility- With this app you can avail the services of the library i.e. renew books or search for the books in the library.
2. SMS alert - To receive SMS alerts you have to register your mobile no. with the library by visiting the library to avail the services like updates about issued books, re-issuing the book etc. You will also be given an alert a day before and on the day of returning/re-issuing the book
3. E-mail alert- You will get an alert a day before and on the day of returning/re-issuing the book on your Email Id.
4. Web OPAC- It is a platform where you can search books, check-in or check-out books etc. It has a 'My Account' option. By clicking on it and entering your Roll No as User Id you can open your check-outs. There is an additional feature in Web OPAC where you can secure your library account by setting a password.
5. Library Fine Payment Through Debit Credit card: A Card swipe machine has been installed in the Library. You can now pay your fine on over-due books by swiping your debit/ credit card. Minimum amount for card swipe is Rs100.



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

**BYJU'S** - The Learning App is the popular brand name for Think and Learn Pvt Ltd., a Bengaluru based educational technology and online tutoring company. They conducted their campus selection process on 2 Jan 2018 for BTech (ECE) students wherein two student got the final offer.



Students during the GD conducted by BYJU

**Horiba**, a Japanese manufacturer of precision instruments for measurement and analysis, is one of the top 25 analytical and life sciences instrumentation companies in the world. It conducted a campus selection process for technical students on 7 Feb 2018 and selected two students.

**Meyer Corporation** affiliates around the world include a number of cookware manufacturing facilities, distributors, and traders throughout Asia and Europe conducted their selection process for BTech students on 8 Feb 2018 and one student was selected.

**Exicom Power Solutions**, designing, engineering and manufacturing the complete range of power solutions for the telecom, industrial, IT and other markets, conducted its campus selection process on 9 Feb 2018 for BTech students in which two students got the final offer.



Exicom campus team interaction with our students during the ppt.

**Book My Tour Now**, a leading online travel company, carried out its on-campus selection drive on 12 Feb 2018 for Technical and Management students and four students got the final job offer.



Campus team of Book My Tour Now being welcomed by SPA

**IndiGo**, the largest individual Asian low-cost carrier in terms of jet fleet size and passengers and the seventh largest carrier in Asia, conducted its campus selection process for BTech students on 14 Feb 2018. Results are awaited.

**UAS International** (A unit of United Accrual Services Pvt Ltd) established in 2013 is a people training and development company. It conducted their internship hiring process for MBA students on 19 Feb 2018 in which six students got the final job offer.

**ORKASH** works at the forefront of scientific inquiry and innovation creating automated human-cognition like intelligent-systems capable of big data scalability and context awareness. It conducted its selection process for technical students on 21 Feb 2018. Results are awaited.

**Aesop Web Technologies** is working on building a Shopify competitor for the world. They conducted their selection process for BTech students on 22 Feb 2018 wherein two students got the final job offer.

**The Aanya** conducted its selection process for BTech students on 22 and 23 Feb 2018 and one student got the final offer.

**Techjockey**, a software discovery, consulting and selling portal headquartered at Gurugram, conducted their selection process for our technical students on 23rd, February '2018 where five students got the offer.

Off Campus selection process during the month:

- Coxwell Domes Engineers – 1 selection
- Indian Army's Military Engineering Services – 1 selection
- Knowlarity Communications India – 1 selection
- V-Konnect Associates – 1 selection
- Rentech Designs India – 1 selection

Pending results of companies:

- Asahi India Glass for Law students – 1 selection
- Online24x7 India campus placement – 4 selections
- Online Tyari – 1 selection
- Square Root – 1 selection
- Social Curry – 3 selections

### Industry Engagement

To create awareness of the Telecom sector and to make students industry-ready, SPA and the Dept of EECE jointly organized 'Ericsson Career Connect Program' for BTech ECE 6th Sem students from 8-10 Feb 2018.

### Placement Guidance

SPA conducted an interactive session for guidance regarding placements for BTech 2nd and 3rd year students (all branches) on 22 Feb 2018.



SPA Interaction during the session with 2nd & 3rd year students.

### Success Story



**Nishant Yadav**  
ME (Class of 2018)  
Square Root

- Square Root Is 'One Of The Top Minimal Invasive With No Scar Hair Transplant & Skin Problems Solution Clinic In India'. The placement drive started with a Pre Placement Talk followed by a Group Discussion and then Personal Interview. One thing that I realized in the complete placement process was that getting a job is not merely related to your academics but also depends on your attitude and communication skills that are evaluated during the process.

Consistency in participating for the placement process is the key because you become better after each rejection.

During my interview I was asked to give a brief about myself, my interest in marketing and my past experiences for that role. I specifically spoke about my participation in different activities at the University. The company kept analyzing my skills and ability to make relations with clients. I was given various situations related to my field of work. Once they were satisfied then we had a more casual talk about my interests. I am thankful to The NorthCap University for laying a strong foundation for a successful career path for me.

## Research Papers Published

### Journals

#### International

- Vaibhav Mishra and **Tejpal Singh Chundawat\*** (2018) 'Pd Catalyzed N1/N4 Arylation of Piperazine for Synthesis of Drugs, Biological and Pharmaceutical Targets: An Overview of Buchwald Hartwig Amination Reaction of Piperazine in Drug Synthesis', Current Organic Synthesis, Vol. 15, No. 1-13, pp. 1-13, **APS2018J001**.
- Neeta Sharma\* and **Prem Vrat** (2018) 'Impact of various factors on stock-induced food waste in Indian weddings A system dynamics approach', Journal of Advances in Management Research, Vol. 15, No. 37-57, pp. 37-57, **MED2018J003**.

#### National

- Prateek Kalra\*, Rishab Bhardwaj, Shikha Kashyap and **Ravindra Ojha** (2018) 'High Pressure Die-Casting Process Rejection Reduction Using Lean Six-Sigma Approach: A Case Study', Industrial Engineering Journal, Vol. 11, No. 17-24, pp. 17-24, **MED2018J002**.

### Conference Proceedings

#### International

- Poonam Lata Yadav\* and **Hukum Singh** (2018) 'Optical Asymmetric Cryptosystem centred on Fractional Fourier domain using Hilbert Phase Mask', Proceedings of IEEE, pp. 173-178, **APS2018P001**.
- Priyanka Maan\*, **Hukum Singh** and **A Charan Kumari** (2018) 'Image encryption based on Walsh Hadamard and fractional Fourier transform using radial hilbert Mask', Proceedings of IEEE, pp. 179-183, **APS2018P002**.
- R. Girija\* and **Hukum Singh** (2018) 'A new substitution-permutation network cipher using Walsh Hadamard transform', Proceedings of IEEE, pp. 168-172, **APS2018P003**.
- Mehak Khurana\* and **Hukum Singh** (2018) 'Asymmetric Optical image encryption using random hilbert mask based on fast Walsh Hadamard transform', Proceedings of IEEE, pp. 374-377, **APS2018P004**.
- Anshula\* and **Hukum Singh** (2018) 'Asymmetric image encryption based on the discrete Cosine transform using random phase masks', Proceedings of IEEE, pp. 184-187, **APS2018P005**.

### Conference Presentations

#### International

- Deepika Gaur and **Sunita Sharma** (2018) 'Tuning Of Optical And Structural Properties Of Gr-TiO<sub>2</sub> Based Electron Transport Layer For Efficient Perovskite Solar Cell', Poster Presentation, Material Research Laboratory, School of Basic Sciences and Research, Sharda University, Greater Noida, India, **APS2018C002**.
- Amarpreet Singh, **Sunita Sharma**, Divyansh Mahajan, and Deepika Gaur (2018) 'Zinc Oxide Nanoparticles As Nanophosphors For

Bioimaging Applications', Poster Presentation, Material Research Laboratory, School of Basic Sciences and Research, Sharda University, Greater Noida, India, **APS2018C003**.

- **Aditya Sharma** (2018) 'Electrochemical Detection of Urinary Tract Infection Using Quantum Dot Interface', Poster Presentation, Jamia Millia Islamia, **APS2018C004**.
- **Payal Khurana** (2018) 'Existential Odyssey of the Black Psyche', 4th JGU International Literary Conference, English Literay Society of O.P. Jindal University, **CLL2018C001**.
- **Shrutimita Mehta** (2018) 'Homogenizing Complexities in Post Colonial Feminism: A Critique on the Works of Namita Gokhale, Shashi Deshpande and Geetha Hariharan', 4th JGU International Literary Conference, English Literay Society of O.P. Jindal University, **CLL2018C002**.
- **Divyabha** (2018) 'A Postcolonial discussion on Ethics and Culture of Diaspora in Works of Jhumpa Lahiri', 4th JGU International Literary Conference, English Literay Society of O.P. Jindal University, **CLL2018C003**.

Note: \* for Corresponding Author

### CALL FOR PROPOSALS

S.No	Call for Proposal	Last Date
1.	DST-Women Scientist Scheme-A(WOS-A)	Applications Invited Throughout The Year
2.	SERB-Teachers Associateship For Research Excellence (TARE)	28 Feb, 2018
3.	DST-ASEAN-India Science, Technology & Innovation Cooperation	Applications Invited Throughout The Year
4.	DRDO Call for Proposal " Life sciences research board"	The proposals would be considered twice in a year i.e. April and October each year.
5.	DST-Abdul Kalam Technology Innovation National Fellowship for Engineers	Applications Invited Throughout The Year
6.	DST-Innovation & STEM (Science, Technology, Engineering & Mathematics) Demonstration	Applications Invited Throughout The Year
7.	DST-Scheme for Young Scientists and Technologists	15 March, 2018
8.	DST-SwarnaJayanti Fellowships Scheme for Ph.D holders	31 March, 2018

## Professional Societies

### IEEE-NCU Chapter

- IEEE-NCU Chapter organized the event 'Flash Circuit' on 15 Feb 2018 during the Club Week. It was conducted especially for 1st year students as it gave them exposure to activities in the electronics field. Students were divided into groups of two and



Students soldering the components on the PCB made a circuit of glowing LED and the group which completed the circuit in the given time was declared the winner. They learnt to make a circuit, solder it on the PCBs and also learnt how it worked. The 1st prize was won by Lakshay Baweja and 2nd prize by Devasish Nayak, Dept of CSE&IT.

- IEEE-NCU Chapter organized the event 'Buzz Wire' on 16 Feb 2018. It was a fun game of crossing a given wire with a loop chain on a given breadboard. Wires were used to make a circuitous loop around a board and on crossing the wire to the other end of the breadboard an LED is activated. Many students actively participated in this event, enjoyed the game and acquired basic knowledge about breadboard and its working.

### ISHRAE Society

ISHRAE Society, organized an industrial trip to the world-class manufacturing plant of Daikin Air Conditioners India Pvt Ltd, Neemrana, Alwar on 22 Feb 2018. The ISHRAE-NCU team comprised of 23 students and one faculty member. The students got an opportunity to visit the training facility and its different assembly lines such as Room Air Conditioners-indoor and outdoor units, chillers, VRV unit assembly lines etc. Their technical doubts were entertained by its R&D department Head, Mr Sanjay Tandon and his team of Managers. Possibility of internships, industry defined projects and expert lectures were also explored. The visit was coordinated by Mr Nishant Mathur, Daikin Air Conditioners and Mr Jag Parvesh Dahiya, Assistant Professor, Dept of ME. [MED2018V001].

### Workshop Attended

Mr Jag Parvesh Dahiya attended a workshop on 'Fundamentals of Duct Design' organized by Delhi Chapter of ISHRAE on 9 February 2018 at their office in New Delhi. The workshop was a blend of theoretical and practical content & methods of calculating the Duct Design were discussed. [MED2018WA002]

### Mathemactive Society

- The Mathemactive Society organized 'Mathemania' quiz competition on 12 Feb 2018. The quiz consisted of three rounds viz., Lifeline, Partners in Crime and Quizard. Each round tested the logical ability, accuracy and speed of the students apart from basic maths concepts. Around 40 students of BTech (all branches), MSc Maths, BSc Maths (H), BSc Physics participated in the quiz out of which seven made it to the final round. The winners of the event were BTech students: 1st-Mahima Munjal, 2nd Ayush Bhardwaj and 3rd Anuraj Arya. Participation certificates were given to each student to boost their interest and enthusiasm in mathematics. The event was coordinated by Dr Anshu and Prof. Kalika Srivastava. [APS2018O006]



### SPIE

An industrial visit was organised by SPIE for BTech ECE students to Napino Automobiles and Electronics Ltd, IMT, Manesar on 26 Feb 2018. The objective of the trip was to help students understand the usage of rectifiers, regulators, igniters, capacitors, wire harnesses, combination switches in the industry and also to explore the possibility of summer internship in the electronics section of the company. The trip was coordinated by Ms Pooja Sabharwal, Ms Amanpreet Kaur and Mr Pankaj Rakheja. [ECE2018V003]

### Synergy Club

- The Synergy Club, SOM, organized a 'Case Study Analysis Competition' on 13 Feb 2018 to help students apply classroom learning to actual business challenges. The competition was open to all UG and PG students and a large number of students participated in the event. The case study analysis was on how market research affected decision making by the organization, Kellogg's, for its new product-'Nut Crunchy'. Students were given the case individually following some questions, interesting crossword puzzles and fill in the blanks. The winner of the competition was Gul Pulyani, BBA, 2nd Sem. The faculty coordinator for the event was Dr Shelly Singhal. [SOM2018O005]
- The Synergy Club organized the 'AD-MAD Show'- an advertisement making competition on 8 Feb 2018. It was open to all students of the

University and they participated in teams of 3-4 students. Students showcased their creativity in marketing products and services as well as their acting talent. The objective of the event was to acquaint students with the promotional strategies of marketing through advertisements.

AD MAD Show's Winning Team comprised of Ujjawal, Stephen, Rohan and Sagar and the Runners-up team comprised of Aarushi, Anushka, Aditya and Aditi, BBA 4 th Sem. Dr Saumya Dixit and Dr Preeti Chawla were the judges of the competition and the faculty coordinator was Dr Shelly Singhal. [SOM2018O004]

### Computer Society of India

The CSI Regional Student Convention (RSC-2018) was organized by Dronacharya College of Engineering, Gurugram from 23-24 Feb 2018. Many technical events were organized including 3-D designing, Code-A-Thon, Robo-combat, Paper presentation, Android app mock-up and Monster gaming, to name a few. Eight students participated in the Convention. Fatma Laiba secured 3rd position in Code-a-Thon and Aaditya Verma bagged 3rd position in Monster Gaming. It was a great experience for all the participants. [CSEO2018009]

## Student Activities

- A team of 12 students under the name 'Lions Bhangra NCU' participated in 'Engifest 2018' the annual cultural fest of the Delhi Technological University (DTU) on 16 Feb 2018. Many colleges and universities from all over India including DU colleges such as Sri Venkateswara College and Shri Guru Tegh Bahadur Khalsa College participated in the event. The fest focused primarily on performances in the form of music, dance, skits, plays and other artistic events. NCU students under the guidance of Mr Harpreet Singh Sagoo took part in the competition and had the opportunity to interact with students of other colleges in an ambience of fun and frolic.



- A team comprising of ECE 1st Year students, Divyam Sachdeva, Tanish Tyagi and Neelam under the guidance of Dr Anjali Garg participated in a Tech competition held at DTU on 12 Feb 2018. The robot made by NCU students came first in the 1st round with a finishing time of 26.86 seconds while for the second position the time taken was 32.12 sec. [ECE2018O002]
- The Dept of CSE&IT organised an Inter School LAN gaming competition on 2 Feb 2018. Schools from Delhi-NCR participated in the event. The final round was between Venkateshwar International School and First year students of NCU in which Venkateshwar International School was the winner. [CSEO2018013]



- Tanya Joon, CSE attended the Developer Student Club Summit at the Radisson Blu Hotel, Goa from 22-25 Feb 2018. The summit brought an exhilarating mix of activities, discussions, debates, skill-building exercises, gala nights, networking opportunities, and inspired learning. Participants got the opportunity to interact with eminent leaders from Google and the industry. Tanya was referred by Ms Jyotika Pruthi. [CSEO2018010]

### Trip to Manali

NCU Recreation Club organised its 5th trip to Manali for the students of the University from 9-13 March 2018. A total of 21 students from across the different Schools joined this excursion along with faculty and staff coordinators. It was full of learning, fun and adventure. The trip by AC deluxe coach was flagged off from NCU by the Vice-Chancellor, Prof. HB Raghavendra on 9 Feb 2018. In Manali the students visited the famous Hadimba Temple and Solang Valley. They enjoyed river rafting and when the weather changed they enjoyed the snowfall and had fun playing as well as trekking in the snow. At night they happily played, sang and danced around a bonfire. All in all it was a fun filled learning and bonding time for the students.



## Sports

### Inter-Departmental Football Tournament

The Inter-Departmental Football Tournament 2017-18 was held from 6-8 Feb 2018. The CSE team comprising of Heemal Yadav, Vineet Khanna, Tushar Dureja, Tanish Uppal, Surya Singh, Harmeet Thukran, Varun, Ishant Yadav, Yashwardhan, Nishant Dahiya, Vikas, Shivan, Shikhar Mathur, Saurabh Anand, Kanav Miglani and Hitesh Sharma were declared the Winners (Boys) while the SOL team was the Runners-up.



## 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 attended the Steering Committee Meeting on AICTE – INAE programmes at IIT Delhi on 2 Feb 2018, for the selection of Distinguished Visiting Professors and Research Fellows to various institutions supported by AICTE.
- Prof. Prem Vrat attended a workshop on 'Deemed to be University' at AICTE Head Quarters, New Delhi on 11 Feb 2018, chaired by the Chairman AICTE for the assessment of 'Deemed to be' and State Private Universities.
- Prof. Prem Vrat delivered an expert lecture on 'Leadership Challenges in VUCA, Business Environment' at Vivekananda Institute of Professional Studies (VIPS) and addressed the faculty and students at VIPS, New Delhi on 12 Feb 2018.
- Prof. Prem Vrat was the Chief Guest at a function organized by Brahma Kumaris at Goa Country Club, Gurugram during the Maha Shivratri celebrations on 12 Feb 2018.
- Prof. Prem Vrat chaired the meeting of the Standing Hearing Committee (SHC)/Standing Appellate Committee (SAC) of AICTE at the AICTE, Head Quarters, New Delhi from 15-16 Feb 2018.
- Prof. Prem Vrat delivered lectures on 'Industrial Engineering' and 'Operations Research' at IIT Delhi as Honorary Professor on 16 and 23 Feb 2018.
- Prof. Prem Vrat attended the Authors Annual Meet hosted by the CEO of SAGE at dinner at the India International Centre attended by around 150 authors/editors associated with SAGE Publications.

