

# Newsletter

Vol. 58 August 2016



## THE NORTHCAP UNIVERSITY

(For internal circulation only)

### NCU Activities

#### Quality Improvement Initiatives

The first meeting of the Internal Quality Assurance Cell (IQAC) at NCU, post-NAAC accreditation was held on 13 August 2016. The Officiating Vice-Chancellor, Brig. SK Sharma (Retd) welcomed the new members, including two student representatives. The Chairman of the Cell, Brig Sharma highlighted the initiatives taken by IQAC prior to the NAAC visit, which majorly included review of curriculum, adoption of NBA methodology (program objectives, program educational objectives and course objectives), introduction of Faculty Course Booklet, faculty mentoring scheme and online courses initiative besides numerous industry-academic engagement activities. Quality assurance affects the objectives of the University and helps to achieve it in a systematic manner according to a time plan. He urged the members to work towards achieving the objectives of the University in this regard.



#### Orientation Programme of Enactus NCU

An Orientation Programme for Enactus NCU was organized on 4 August 2016. The event saw a staggering attendance of around 200 students. It started with a brief presentation about Enactus Society, its objectives and role of students in the organization followed by the reasons why students should join and how they will get benefitted? The



introduction session was followed by videos of some ex-members like Dhruv Aneja, Aina Gilani, Ananya Goel, and Gaurav showing their journey in Enactus and how they evolved through it. The Enactus team also presented their ongoing projects, business models, implementation strategy and sustainability of the projects.

The present Student President of Enactus NCU is Rahul Gupta (Dept of CSE&IT) and Faculty Advisor is Dr Dipti Vaya of Dept of Applied Sciences.

#### NCU Enactus team participates in Enactus India National Competition

NCU Enactus team participated in the Enactus India National Competition held at Hotel Taj Lands End, Mumbai on 21 and 22 July 2016. The team comprising 25 student members, showcased their two projects, 'Project Ehsaas' and 'Project Kumhaar'; which were well appreciated by the audience. Enactus is an international non-profit organization dedicated to improve the society through business actions which organizes a national competition every year. This year 70 teams participated in the competition.

Project Ehsaas is concerned with the plight of Bhandwari village where around 1500 metric tons of unprocessed waste is sent to the landfills, leading to high levels of pollution and thereby creating health issues. The team was successful in increasing the waste collectors' income by 10% and reducing the waste being sent to the landfills by 65 tonnes.

Project Kumhaar is an initiative towards saving pottery, our traditional art, from the verge of extinction. NCU Enactus team also focused on Kumhaagram, a potter's village in Uttam Nagar, New Delhi. The project led to employment of 14 people along with providing empowerment to 5 women.

## Independence Day Celebrations



The University celebrated the 70th Independence Day with a lot of enthusiasm and gaiety on 15 August 2016. The faculty members, staff, students and children gathered at the occasion to celebrate the national festival. The environment and ambience at the University was full of patriotic fervor. The celebrations started with the flag hoisting by the Registrar, Col Bikram Mohanty (Retd). After unfurling the National Flag, Col Mohanty took the salute, with the Security Staff of the University marching past the dais. The atmosphere came alive with patriotic songs being sung. After the march past, Col Mohanty addressed the audience and greeted all faculty members, staff and students on the occasion. He praised the efforts and dedication of the security staff for maintaining high standards and traditions of the University in the march past. He also mentioned some of the major achievements of the University in last one year and thanked all the faculty and staff members for their dedication, support and cooperation in keeping the University's name at the top. He also urged the audience to have patience in different realms of life as it is the key for success.

The celebrations ended with sumptuous refreshments for all.

## Dental Health Checkup



The University organized an on-campus 'Dental Health Investigation & Consultation Camp' in association with Columbia Asia Hospital on 10 August 2016. The objective of the camp was to bring about awareness about oral health among students and faculty of the University and to

bring specialized investigations within their reach. A lot of interest was generated for routine investigations and specialized onsite consultation. More than 150 participants including students, faculty and staff members of the University benefitted from the health camp and consultation. Dr Bharti from Columbia Asia Hospital sensitized them about the importance of oral health in prevention of several diseases and maintaining a healthy lifestyle. The camp was coordinated by Dr Shilpy Wadhwa, Medical Consultant at NCU.

## In Conversation with Brig. SK Sharma



The NorthCap University's Pro Vice-Chancellor, Officiating Vice-Chancellor & Professor, Department of Civil Engineering, Brig. SK Sharma, shares his views regarding the present and the future of the University with Ms Rekha Mathur, Sr Editor, NCU.

In his opinion, "Quality is the single mantra to excellence and The NorthCap University strives towards having quality students taught by the best faculty. Employers are the ultimate

stakeholders of our services and their feedback and inputs help us evaluate and gauge our course content, our strengths and weaknesses and take necessary action to empower our students for a lifetime of personal and professional fulfillment. Our sustained efforts are towards improving ourselves in every sphere and our decisions are merit based."

The focal point of the mission of NCU is to provide quality of learning and innovation in all the programmes and consider new areas of learning with all rigour and relevance. In pursuit of academic excellence, the University upgrades its physical, academic, information infrastructure and support facilities.

The University is encouraging multidisciplinary teamwork through major projects of BTech 4th Year students; sponsored projects involving various groups of faculties from Departments such as CSE & IT, EEECE, Mechanical Engineering and APS; offering higher flexibility in the course structure in a ratio of 60:40 for Core and Elective. 20% credit for Open Electives has given a boost to pursuing multiple interdisciplinary courses in our various programmes.

NCU regularly collaborates with ITB Ireland for BTech student exchange programme and many students have benefitted through scholarships offered by them and NCU. For the first time, NCU has collaborated with the University of Regina, Canada for MTech students. Under this agreement MTech students from the Departments of ECE and CSE can study at the University of Regina in their second year, after successfully completing their first two semesters at NCU. The students get the advantage of earning a Canadian MEngg degree in the same period, i.e. a total of two years, thus reducing the expenses for a foreign degree.

NCU has collaborated with the Michigan Technological University, USA regarding 3+1+1 programme in Computer Science. Under this agreement, undergraduate students of Computer Science at NCU can go to study at Michigan Technological University in the 4th Year, after successfully completing three years at NCU. Successful completion of this programme by NCU students will lead to a Bachelor's degree in Computer Science and Engineering, conferred by NCU, and a Master's of Science degree conferred by Michigan Technological University, if the Master's degree requirements are satisfied.

To keep the University completely relevant and contemporary, future requirements have to be gauged today so as to prepare to face the challenges. Some of the issues for the next five years in this regard are:

- Introduce more inter-disciplinary courses, those at the boundaries of intersecting disciplines.
- Our Post Graduate courses require to be substantially restructured and improved.
- To have an edge over others we have to impart to our students smart skills such as Machine Learning, Robotics, Business Analytics, Big Data Analytics, Gaming Skills, Critical Analysis Skills and more.
- We must offer more opportunities for the learning of the Liberal Arts as a separate area of study or as Minor area for other programmes.
- We have to supplement the teaching learning process for encouraging Entrepreneurship in a big way.
- Learning rather than teaching is the guiding principle in a 24x7 e-learning environment.
- We have to offer an immersive learning environment that simulates realistic scenarios.

Brig. Sharma holds many important positions at NCU and handles every situation with total equanimity. He says, "Most of the issues one faces are correlated. Therefore in my official capacity, one has the advantage of getting a 360° view of interrelated issues yet seeing them from different perspectives. This guides me towards a holistic approach to them."

On the introduction of defence work culture in the civilian way of functioning, Brig. Sharma says, "The value system of the Army being synonymous with sincerity, discipline, integrity, teamwork, being self-driven, ethical and moral values are crucial in the functioning of any organization. So are they in the field of education, and are therefore worth incorporating in universities."

The Pro Vice-Chancellor is fond of reading and likes to read on a multitude of subjects. On weekends he plays golf and during vacations, he prefers travelling to less frequented places with his family.

## News from the School of Engineering and Technology

### Department of EECE

#### Departmental Activities

- Ms Gayatri Magie from IBM Team North America addressed students and faculty members of the University on 3 August 2016 to build their awareness on Internet of Things. Ms Magie is the Business Development Executive leading the IBM Watson Internet of Things Academic Initiative. She collaborates with educational institutions worldwide to help faculty and students build IoT skills leveraging IBM resources and platforms available for academia.

Ms Gayatri introduced the concept of 'IoT' to the students and faculty using examples and case studies with the help of slides and videos. She also introduced the concept of IBM Watson to the students. The students were required to register on the IBM



Guest Lecture on Internet of Things

Watson website from which they could download various open source software and even design IoT applications.

The lecture was followed by a Q&A session, where students inquisitively asked questions which Ms Gayatri answered them informatively. [ECE2016G004]

- The Santulan Society organized a poster making competition on the theme 'Save Tigers' on 29 July 2016 in support of the international campaign to save the tigers. Participants made colourful posters and wrote pertinent articles on the subject. The prize winning poster was made by Ms Kanika. The event was coordinated by Ms Kusum Dangi, Asst. Professor.

### Department of CSE and IT

#### Departmental Activities

##### Guest Lectures

- The Department organized a guest lecture on 'Recent Industry Trends of Information Technology' by Mr Pankaj Bajpai, Solutions Architect, Bharti Airtel Ltd on 6 August 2016. The lecture discussed about the future of IT industry, mobiles, cloud computing, Big Data and opportunities for engineers in IT industry. The lecture was attended by Director SPA, Mr BK Gupta and students of CSE 3rd semester. It was organized by Dr Kavita Khanna, Associate Professor. [CSE2016G001]
- Mr Sharad Marathe, Founder, Universal Technical Systems (India) Pvt Ltd., a US based company visited the Department on 6 August 2016. He interacted with the final and pre-final year students of CSE and discussed about the 'Ticket Solver Software', designed by his company. He also provided an opportunity to our students to explore and work on the software. The session was very interactive and students benefitted by knowing the utility of the software. The interaction also opened up some real time projects for development of our students. [CSE2016G002]



Mr Sharad Marathe interacting with students

## Other Activities

- ❑ Dr Amardeep Kahlon, Professor of Computer Science at Austin Community College, Texas visited the Department on 11 and 12 August 2016. She addressed the students and faculty regarding the online resources and various methodologies that we can follow in the classroom teaching. She also had a discussion with different research groups in the Department. The meeting was interactive and very fruitful. Her suggestions for improvement in curriculum & academics at the CSE Dept are expected shortly.
- ❑ The Department organized CCNA Module-1 CISCO Certification course from 1–27 July 2016 which was attended by 35 candidates. The participants enthusiastically learnt the concepts and protocols of Computer Networking. Besides regular training, this certification course also comprised quizzes and tests which were appreciated by the participants. The participants appreciated the workshop and enjoyed the hands-on configuration sessions on routers and switches. The event was coordinated and conducted by Dr Shilpa Mahajan, Ms Hitesh Yadav and Ms Neeti Kashyap.
- ❑ The Department conducted a short term course on Digital Repository and Storage Management in association with NITTR Chandigarh from 1-5 August 2016. The course covered concepts on tools for digital repository, normalization techniques for storage management, Cloud technology etc. The course was conducted through live sessions and was attended by the CSE&IT faculty members. It was coordinated by Ms Jyotika Pruthi and Ms Poonam Sharma under guidance and support from Dr Latika Singh, HoD, Dept of CSE&IT. [CSE2016WA03]
- ❑ The Department has taken initiatives to tie up with IIT Madras for conducting Quality Enhancement in Engineering Education (QEEE) program for students to bridge the gaps and enhance their all-round development towards employability. In the current semester, course on Cloud Computing has been introduced for final year students where live lectures are being delivered by IIT Delhi Faculty, Prof. SC Gupta and projected in remote classrooms.
- ❑ Data Analysis group and Research group of NCU, DRAGON, conducted a test on 21 August 2016 for final selection of the students who would be involved in data analysis related projects as well as preparation for the placement in the related domain.

## Faculty Activities

- ❑ Ms Jyotika Pruthi, Assistant Professor has been declared Runner-up in Northern Zonal Level in IET UK's PATW (Present Around the World) Competition 2016, held at Bhartiya Vidyapeeth, New Delhi on 13 August 2016. It is third time in a row that she has been representing the Delhi Zone in the competition.



Ms Jyotika Pruthi at PATW Competition 2016

- ❑ Dr Vijendra Singh has been appointed as Editor of the International Journal of Social Computing and Cyber-Physical Systems.

## Department of Civil and Environmental Engineering

### Departmental Activities

#### Guest Lectures

- ❑ The Department organized a guest lecture on 'Critical Issues for Water Supply Projects in Haryana' by Mr Ram Niwas Malik, Engineer-in-Chief (Retd) from Haryana State Industrial Development Corporation Limited (HSIDC) on 16 August 2016 which was attended by 5th semester BTech students. Mr Malik is presently associated as Advisor to DLF group on SEZ Project. During the session, Mr Malik shared his vast experience of 37 years and discussed about the maintenance problems suffered by various rural and urban water supply schemes. He further elaborated on the deteriorating quality and insufficient yield of raw water sources in urban areas of Haryana. The faculty coordinator of the session was Mr Shubham Bansal. [CEE2016G007]



Guest Lecture by Mr Ram Niwas Malik, in progress

- ❑ The Department organized another guest lecture on 'Values and practices of a good engineer' by Mr DK Goel, Sr Vice-President, Reach Promoters Pvt. Ltd., Gurgaon (RPPL) and owner and CEO, Greenmax Infrastructure, Gurgaon, on 20 August 2016 for 3rd semester students. Mr Goel has more than 28 years of experience in the infrastructure and real estate industry.

In an interactive session, the speaker shared his real life experiences and practical application of various techniques with the students which they are currently studying. [CEE2016G008]

### Online Course for Knowledge Enhancement

- ❑ Under an initiative of Dr Amit Srivastava, HoD & Mr Akx Malik, Assistant Professor, the Department is participating in QEEE (Quality Enhancement in Engineering Education) programme initiated by MHRD partnered with IIT Madras. In this programme, IIT-M faculty delivers live lecture classes to approximately 25 participating colleges at a time around the country. The programme provides supplement study material with lecture notes, live class videos, discussion forums, and assessment & evaluation tools for QEEE courses. At the end, a proctored quiz is conducted and auto-evaluated. Finally, digital certificates are provided to successful students. [CEE2016WO004]

The following lectures under QEEE programme are scheduled for students in the months of August and September 2016:

Sr. No	Name of the course	Date & Month
1	<b>Shear Force &amp; Bending Moment Diagram</b> (aligned with Structural Analysis – I - CEL 201)	9 August 2016
		10 August 2016
		12 August 2016
2	<b>Bending &amp; Stresses in Beam</b> (aligned with Structural Analysis – I - CEL 201)	16 August 2016
		19 August 2016
		23 August 2016
3	<b>Tests on Concrete</b> (aligned with Building Materials & Construction - CEL 209)	9 September 2016
		12 September 2016
		19 September 2016

- Prof. SK Jain visited the following universities to hold PhD viva-voce examination of two candidates:
  - a. Ms Shivani Sharma, Department of Physics, NIMS University, Jaipur on 13 August 2016.
  - b. Mr Prem Kishore Patnala, Department of Chemistry, Dayalbagh Educational Institute (Deemed University), Agra on 22 August 2016.

Prof. Jain attended the Executive Council Meeting of Ultrasonic Society of India on 3 August 2016 at the National Physical Laboratory. Prof. Vikram Kumar, President of the Society and SS Bhatnagar Awardee appreciated the successful organization of International Conference on Engineering Physics, Materials and Ultrasonics held at The NorthCap University, Gurgaon on 3-4 June 2016, organized in association with Ultrasonics Society of India.

## Department of Mechanical Engineering

### Workshop / Seminars / CEPs Organized

- The Department organized a two-day Auto-Mob Workshop on 22-23 April 2016 in the University premises for its students. The experts from Go4tech, New Delhi shared brief knowledge about 'Current trends in Automobile and Internal-Combustion Engines'. The key attraction of the workshop was hands-on practice on two-wheeler and four-wheeler engines by disassembling-assembling the engines. The workshop helped the students understand the concept in a better way which will ultimately help them during their placements. The workshop was coordinated by Mr Deepak Monga, Mr Gagan Baradia and Dr Ankur Gupta. [MED2016WA005]



*Auto-Mob Workshop*

### Faculty Activities

- Mr Gagan Baradia had an interaction with Mr Suneel Abrol, General Manager (Projects) ALP Polymer Park (P) Ltd., Gurugram on 10 June 2016 to discuss the opportunities for collaboration with The NorthCap University. This may bring some sponsored projects for the faculty members of the department and good internship and placement opportunities for students. [MED2016O021]

## Department of Applied Sciences

### Faculty Activities

- Prof. AK Yadav has been nominated on the Academic Advisory Board of Kamrah Institute of Information Technology (KIIT), affiliated to MD University Rohtak. He attended a meeting of the Academic Advisory Board held on 9 July 2016 at KIIT Campus, Gurgaon.

## News from the School of Management

- School of Management organized an event 'Meet the Dean' for BBA, BCom (H), BSc Eco (H) and MBA students on 10 August 2016 with an objective to create a common platform for all SOM students to interact with Dean School of Management, Prof. Sanjay Goyal. During the event, Prof. Goyal shared his rich experience of 28 years with students and presented the importance of environmental sustainability. SOM alumni Mr Puneet Khanduja, Asst Manager Sales & Marketing Stratbeans Consulting and Mr Yatin Malik, Pre Sales, Customer Support Sales, Gartner shared their learnings at NCU and its implementation in corporate life. Mr Pranav Jain, BTech CSE student with an internship opportunity at Google, shared his experiences and extended his guidance to SOM students. The event was coordinated by Ms Jaya Ahuja.



*Prof. Sajnay Goyal, Dean SOM addressing students*

- School of Management organized an orientation session for the visiting faculty members on 6 August 2016. The objective of the session was to acclimatize them with the system, processes and policies of the university. The session included discussions on common issues of faculty, ERP, examination and result related activities. Mr Deepak Satyarthi briefed them on LMS and OTMS. The session was coordinated by Dr Saumya Dixit, Dr Mohd. Hussain Kunroo and Dr Sushmita B Waraich.
- A Pre-PhD seminar of Ms Sunaina Sangwan, Research Scholar SOM was organized on 26 August 2016. The topic of the seminar was 'Modelling and Analysis of Employability of Management Graduates'.

## News from the School of Law

### Rendezvous with the Dean

Higher education colleges/universities are markedly different from Schools and therefore, the students require a bit of hand-holding, ushering them to a new path of life. Considering this issue of the students, School of Law organized 'Rendezvous with the Dean' on 22 August 2016 facilitating an interaction of Dr Pushpesh Pant, Dean, SOL, with the 1st year BBA-LLB (Hons) students. Dr Pant gave an overview of the subjects they are going to study and methodology of teaching and learning process. Being in a professional course, he emphasized on the importance of discipline and dress code for the students. He also explained the seriousness of internships and encouraged students to take part in various activities like moot court competitions, debates, etc. The students also shared their experiences of their short stay in the campus till date. Towards the end, Dr Pant encouraged the students to meet him for any assistance required in the coming days.

## News from the Library

The Library Committee Meeting was held at the University on 23 August 2016. Chairman of the Library Committee, Dr Hukum Singh informed the members about the latest updates and inclusions in the NCU Library. Ms Shivani Govil, Asst librarian requested all the members to increase the use of DELNET and recommend its service to all faculty members and research scholars. She also encouraged the members to increase more e-resources for academic and research purposes. She proposed to subscribe to databases with more resources and stop the use of databases with limited resources and access. The Committee members also shared their views and suggestions on various issues like labeling on stack of books, library feedback facility, improvement in Book Bank policy etc.

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

- ❑ The University started the campus placement for 2017 batch with online test on 2 August 2016 conducted by Deloitte. Students appeared for the test with great optimism and enthusiasm. 17 students have been selected.
- ❑ School of Professional Attachment conducted interviews for Student Coordinators for its student club on 9 August, 2016. They received an overwhelming response from students from across all the three Schools and departments with a participation of 107 students.
- ❑ To equip students with the latest interview tactics and to harness those pre-requisite skills, SPA conducted pre-placement interview session of students with the industry experts on 10 August 2016. Mr Viney Kaushik, Vice-President HR, Samsung Industries and Mr Ajay Kumar, Vice-President HR, Prudent had a detailed and interactive session with the students. While having an in-depth discussion with regard to placements, both the delegates were positive on offering placements and internship opportunities to our students.
- ❑ For preparation of students for interviews and sensitize them about upcoming placement opportunities, SPA conducted sessions of

pre-placement interviews of CSE students from 3-12 August 2016. The PPI for ECE students is in the pipeline.

- ❑ School of Professional Attachment (SPA) organized a 'HR Conclave' followed by the annual group discussion competition 'Soch Vichar III' in association with Aarohan Club, NCU on 23 August 2016. The HR conclave targeted an important issue of 'Scaling Employability' during which experts presented their views and opinions on the topic. The event was graced by the presence of Pro Vice-Chancellor, Brig. SK Sharma (Retd); Director SPA, Mr BK Gupta; Mr Subhodh Saluja, Head North India, Manpower Group; Mr JS Jangra, retired Chief Judicial Magistrate; Mr Chetan Soni, Serial Entrepreneur; Ms Yoshika, Socialist and Femina Miss India 2014 Finalist; Mr Ashwini Kumar Dhingra, Sr Manager HR, Omniglobe Internationals; Mr Anil K Gaur, Entrepreneur and Owner, Cybergurukul; Mr Satya Prakash, Director Tricore Solutions Pvt Ltd; Mr Puneet Khanduja, Asst Manager, Startbeans; Mr Chetan Singh, Placement Officer SPA and a large gathering of faculty and students of the University.



HR Conclave 2016

## Research Papers Published

### Book Chapters

#### National

- ❑ **Srishty Banerjee** (2016) 'Legal Aid: An Apparatus for achieving Equality before Law' in Law and Community: A Socio-Legal Perspective, Chapter 10, pp. 132 - 144, Satyam Law International, New Delhi, ISBN-97893828-23490, **SOL2016BC001**.
- ❑ **Jaya Ahuja** and Vani Narula (2015) 'Streamlining Recruitment Process and Competency Mapping in Indian Paint Industry (Haryana Region)' in People Management, Chapter 11, pp. 91-113, Bharti Publications, New Delhi, ISBN - 978-93-85000-22-5, **SOM2016BC002**.

### Journals

#### International

- ❑ Sahil Rana and **Purnima Bajpai** (2016) 'Preparation of Pre-Qualification System for Indian Road Projects Based on DEA Technique', International Journal of Advanced Technology in Engineering and Science, Vol.4, No.6, pp. 305-312, **CEE2016J008**.
- ❑ Renu Saini, **Sharda Vashisth** and Ruchika Bhatia (2016) 'Classification of Pressure Gradient of Human Common Carotid Artery and Ascending Aorta on the Basis of Age and Gender',

International Journal of Computer Applications, Vol. 145, No. 1, pp. 15-19, **ECE2016J034**.

- ❑ Ruchika Bhatia, **Sharda Vashisth** and Renu Saini (2016) 'Wall Shear Stress Analysis in Stenosed Carotid Arteries with Different Shapes of Plaque', International Journal of Computer Applications, Vol. 145, No. 4, pp. 9-12, **ECE2016J035**.
- ❑ Neha Rani and **Sharda Vashisth** (2016) 'Brain Tumor Detection and Classification with Feed Forward Back-Prop Neural Network', International Journal of Computer Applications, Vol. 146, No. 12, pp. 1-6, **ECE2016J036**.
- ❑ **Sharda Vashisth**, Munna Khan, Ritu Vijay and Ashok K Salhan (2016) 'Non-Invasive Measurement and Subsequent Analysis of Human Carotid Pulse for Ground Based Simulation of G-Stress', International Journal of Bioinformatics Research and Applications, Vol. 12, No. 3, pp. 227-237, **ECE2016J037**.
- ❑ **Jaya Ahuja** and Vani Narula (2015) 'Quality of Work Life at Different Career Stages', Journal of Business Management, Commerce and Research, Vol.4, No.14, pp.1-22, **SOM2016J008**.
- ❑ **Jaya Ahuja** and Vani Narula (2016) 'A Demographic Study on Organizational Climate: Indian vs. Multinational IT Companies', Pacific Business Review International, Vol. 8, No. 8, pp. 59-79, **SOM2016J009**.
- ❑ **Mohd Hussain Kunroo**, Irfan Ahmad Sofi and Naushad Ali Azad (2016) 'Trade Implications of the Euro in EMU Countries: A Panel Gravity Analysis', EMPIRICA, Vol.43, No.2, pp.391-413, **SOM2016J010**.

#### National

- ❑ **Ravindra Ojha, Prem Vrat** and Niraj Sharma (2016) 'Long-term Implications of Highway Quality and Length in the Growth of Indian Manufacturing Sector: A System Dynamics Analysis', Journal of Scientific and Industrial Research, Vol. 75, pp. 466-474, **MED2016J031**.

### Special Call for R&D Proposals in area of Combustion Research and Development

Science and Engineering Research Board invites proposals to promote research in the area of combustion. SERB established 'National Centre for Combustion Research and Development' (NCCRD) at IIT Madras and IISc Bangalore in 2011 and state-of-the-art combustion research facilities have been established at these centres. A separate fund has been earmarked within the NCCRD total outlay for the purpose of supporting research by investigators who are doing research in combustion from institutions other than IIT Madras and IISc Bangalore. The solicited proposals will primarily use the facilities established at the centres either at IIT Madras or IISc Bangalore. Necessary manpower, consumables, travel contingency and some minor equipment will be provided.

For details on submission of proposals, kindly log on to SERB online portal [www.serbonline.in](http://www.serbonline.in). The call will close on 15 October 2016.

## Sports

### Sports Tournaments at NCU

The University's Inter-Department Sports Tournaments for indoor games were held from 16-19 August 2016. Teams from different departments participated in the tournaments presenting spectacular sports skills.

The results were as follows:

Events	Boys		Girls	
	Winners	Runners up	Winners	Runners Up
<b>Table Tennis</b>	CSE	CIVIL	CSE	SOM
<b>Chess</b>	CSE	SOL	CSE	SOM
<b>Carrom</b>	ME	CSE	ECE	CSE



## Student Activities



Ms Divya Sharma (13CSU038) and Mr Kunal Arora (13CSU067) of BTech 7th semester (CSE) are proceeding for one year study abroad at Institute of Technology, Blanchardstown (ITB), Dublin, Ireland under the MoU between the NorthCap University, Gurgaon and ITB, Ireland.



They will be studying Bachelor of Engineering Hons in Computer Engineering in Mobile Systems at ITB, Ireland and have been offered a 40% tuition fee waiver by ITB, Ireland and a 50% scholarship as fee reimbursement by NCU.

We wish them a pleasant and productive stay abroad.

## Student Speak



**Aditi Jain**  
BBA-LLB 1st Sem

### How was your first day at the University?

My first day at the University was amazing. I was impressed with the infrastructure that NCU has. The faculty here is phenomenal. I was a little unsure at first but NCU filled me with confidence. The University is guiding me towards my dreams and inspires me to achieve what I want. It is worth being a part of NCU.

### What do you expect from NCU in future?

Being a Law student, exposure is extremely important. Every student dreams of an excellent placement. NCU fulfils the dreams of every student by providing the best education, the best exposure and most importantly every possible way of communicating with the students and helping them overcome the obstacles.

## 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 delivered lectures on 'Decision Theory' at IIT Delhi on 12 and 20 August 2016 as an Honorary Professor.
- Prof. Prem Vrat was invited as a guest at the 'Protsahan Samaroh' of Surajmal Memorial Education Society (MSES), Delhi on 14 August 2016 to honour newly appointed candidates in Indian Civil Services.
- Prof. Prem Vrat attended a meeting of ASQ's Advisors of Eminence and ASQ Experts from USA on 20 August 2016 at

Hotel Surya, New Delhi. The meeting also celebrated the conferment of ASQ's prestigious John Edward Award on Dr Krishan Kumar, Former Director Maruti Suzuki Ltd, who is the first Indian to win such an award of ASQ.

- Prof. Prem Vrat was invited by Shri Pawan Agarwal, IAS, CEO, Food Safety & Standard Authority of India (FSSAI) to attend a Commemorative Event with two panel discussions on 'Food Safety in the unorganized sector: Challenges and Opportunity' and 'Food Safety: A shared responsibility', at Hotel Ashok, New Delhi on 22 August 2016. The event was followed by the main programme with Shri Jagat Prakash Nadda, Hon'ble Union Minister of Health & Family Welfare, as the Chief Guest.
- Prof. Prem Vrat attended a function including release of Prof. MGK Menon Festschrift Volume, the conferment of the second Prof. MGK Menon Lecture Award organized by (NASI) National Academy of Sciences India (INSA) Indian National Science Academy, New Delhi on 27 August 2016.
- Prof. Prem Vrat attended the meeting of Advisory board of SPIC MACAY at India International Centre, Delhi on 29 August 2016.



Prof. Prem Vrat was invited as a speaker at the 7th World Higher Education Summit at Hotel Le Meridien, Delhi on 5-6 August 2016. He was also conferred with the honour of 'Higher Education Leadership Award-2016' at the award ceremony held on 5 August 2016.

- A paper entitled 'Resource Wastage Due to Stock Induced Consumption Phenomenon: A Case Study of Water Supply System in A Cluster of Residence' by Neeta Sharma and Prem Vrat published in Industrial Engineering Journal, Vol No. IX, Issue No. 02, Feb 2016 has been chosen for the 'Best Student Paper Award 2015-16' by IIIIE. The award will be presented to Mrs Neeta Sharma, NCU Research Scholar working under the guidance of Prof. Prem Vrat on 22 October 2016 at 58th National Convention of IIIIE at Nagpur.
- A 20-minute interview of Prof. Prem Vrat recorded at the studio of Brahma Kumaris, Shantikunj, Mount Abu was telecast on the 'Peace of Mind' Channel on 28 August 2016 under 'Ek Mulakat' programme.

