Students' Orientation 2016

The University conducted the Orientation Programme for the new batch of students admitted to all the three Schools on 23 July 2016. The event was graced by the presence of the Pro Chancellor, Prof. Prem Vrat; the Pro Vice-Chancellor, Brig. SK Sharma (Retd); the Registrar, Col Bikram Mohanty (Retd), Directors of Schools and Heads of Departments along with faculty members and staff of the University. The programme started with lamp lighting and Saraswati Vandana. After the welcome address by Dr Payal Khurana, Prof. Prem Vrat addressed the students and motivated them about importance of education and hard work. Brig SK Sharma talked about student activities in NCU, its infrastructure and facilities offered by the University. Col Bikram Mohanty briefed the students about discipline and anti-ragging measures. The briefing to the students continued with examinations, evaluation/grading system, placements, psychological counselling etc. by their respective Functional Heads.

Later, the Departments guided the students to various facilities in the University and Departments. The students familiarized themselves with a walkthrough of the University.

It was a day of excitement for the new students as they entered a world of higher learning. Expectedly, the students had mixed emotions of anxiety, but with lots of excitement and expectations. The University warmly welcomes the fresh batch of students and wishes them all the best during their stay at the University.

The event was coordinated by Dr Payal Khurana, CLL.

Faculty Orientation Programme

The University organized a Faculty Orientation Programme on 16 July 2016 with an aim to acquaint the faculty with the new processes at the University in its functioning in various domains. The new faculty members were given a warm welcome and were motivated to become effective teachers by Prof. Prem Vrat, Pro-Chancellor who guided them about teaching effectiveness and the rules and zero deviation policy followed in the University. Pro Vice-Chancellor, Brig. SK Sharma (Retd) acquainted the faculty with the result moderation, appraisal process and various other issues. Talking about Research and Publications, he said that faculty should ensure that they send papers in reputed journals and avoid paid journals. Dean (Academics), Prof. Swaran Ahuja gave guidelines about the procedure to be followed in the new process for labs and lab
workbooks. In practicals and lab work, there will henceforth be more self-work by students and zero tolerance to copying will be enforced.

Deputy Dean (Academics), Mr Manoj Gopaliya then talked about guidelines for making the new time-table arrangements since the University is going in for six teaching days per week, with the prime objective of rationalizing student contact hours at the University. The Orientation Programme ended with a vote of thanks by Dr Payal Khurana to the audience.

**Workshop on Data Analysis**

School of Leadership organized a workshop on Data Analysis and its best practices at 91springboard, Gurgaon on 2 July 2016. The workshop focused on current trends in data analytics, building blocks of analytics for better business outcomes, how to improve quality of data analytics for startups and large enterprises and how to align analytics with business strategies. The workshop was led by Mr Vivek Mehra, Senior Vice President of Digital Experience, NTT Data Americas, one of the world's leading global analytics and consultancy companies. Mr Mehra has over 20 years of consulting experience in IT strategy, systems integration, and digital technologies implementation. The School of Leadership aims to create a world of business in India that can deal with the challenges of the future, the basic structures, challenges and solutions of data analytics.

**Workshop on The Essence of Leadership and The Art of Communication**

School of Leadership organized another workshop on 'The Essence of Leadership and The Art of Communication' on 9 July 2016 with a mission to enable effective leadership in an era of technological and digital disruption in business. The workshop was led by Ms Preeti Singh who has 18 years of experience in communications with organizations including McKinsey and Company, Indian School of Business and USIS. The workshop also included a lecture by Mr Sanjay Saraf, an expert in corporate training. Some of focus areas of the workshop included the perspectives on what it takes to become a high impact leader, the tools needed to lead others and oneself, and the different types of dialogue which are key to authentic leadership. The workshop was attended by professionals from different institutions and students of the University.

**Fire Fighting Training to Security Staff**

As a part of the awareness programme, the University organized training for fire management in the campus on 21 July 2014. The training was conducted with an objective to train the security staff to handle the situation in case of a fire, assist the orderly movement of people and performing fire control. This would help them protect life and property in the University in an emergency. To train the University staff which included security guards, housekeepers and KSB staff, the Security Officers, Mr Sanjeev Kumar and Mr Ravinder Singh organized a demonstration of different types of fires, the precautions to be taken and the effective ways to extinguish it by using different types of extinguishers for different types of fire. The staff was also provided information about fire protection systems in the campus, safety measures, evacuation procedures, emergency procedures etc.

**News from the School of Engineering and Technology**

**Department of EECE**

**Departmental Activities**

**Faculty Development Programme**

The Department organized a Faculty Development Programme on Big Data Analytics from 1-8 July 2016 which included an IBM capsule on Big Data Analytics for four days and a Java course for two days. Mr Gaurav and Ms Richa presented a brief introduction to Java Programming and hands-on training on Java platform ‘Eclipse’ to the faculty of EECE. Mr Jithin and Mr Dev, experts from IBM delivered lectures on fundamentals of Big Data, introduction to InfoSphere BigInsights, Apache Hadoop, HDFS and demonstrated different functionalities of BigSheets. On the concluding day of FDP, a test was organized in which Ms Kusum Dangi and Ms Naresh Kumari scored highest. A small quiz session was also conducted for the participants.

**Orientation Programme**

The Department organized an Orientation Programme for 1st year ECE Students on 23 July 2016. The students were made aware of credit programme details, outcome based learning concept, attendance rules...
and other information about the Department. They were taken to Departmental labs to give them an overview of the practical exposure they are going to have in their BTech programme.

Department of CSE and IT
Departmental Activities

Faculty Development Programme
- The Department conducted a Faculty Development Programme on ‘Digital Forensics’ from 4-7 July 2016 by Mr Manoj, alumnus of ITB, Ireland. The FDP was attended by PhD scholars and faculty members. During the comprehensive workshop, students and faculty members solved criminal cases in the field of Digital Forensics with the help of latest tools and technologies. The event was coordinated by Dr Prachi under the guidance of Dr Latika Singh, HoD.
- The Department organized an FDP on ‘Application development using IBM BlueMix’ in collaboration with IBM from 11-14 July 2016. Mr Anupam Bhattacharya, an IT Architect from IBM conducted the session. All the faculty members of the Department enthusiastically participated. The four-day workshop included hands-on practice of Boilerplate which is a container for an application and its associated runtime environment. The event was coordinated by Ms Richa Chabbra.

Faculty Activities
- 25 faculty members from the Department visited about 42 companies for students’ industrial feedback. The feedback received has been excellent in terms of technical knowledge and regularity. Two of our 3rd year students have also been offered placements, one in VDoit Technologies and other in Opinia 360.
- Dr Charan Kumari served as a Programme Committee (PC) member for CICN 2016 Conference and reviewed three papers for International Conference on Computational Intelligence and Communication Networks.

New Faculty on Board
Dr Kavita Khanna joined the Department as Associate Professor.
Ms Jyoti Sahni joined the Department as Assistant Professor.
We welcome them to the Department.

Department of Civil and Environmental Engineering
Departmental Activities

Alumni Interactions
- The faculty of the Department interacted with Mr Mayank Gupta (2009-2013) who is currently pursuing Masters in Construction Technology and Management from IIT Delhi. They had a discussion regarding preparations required for cracking GATE/IES. Mr Gupta highlighted various important aspects of preparations required for competitive exams and suggested that the Department should plan for providing certification in specialized areas. [CEE2016O012]
- The faculty of the Department interacted with Mr Dilpreet Singh (2009-2013) who has completed his Masters in Civil Engineering with specialisation in Structures from The NorthCap University. They had discussions on preparations required for cracking GATE/IES. Mr Singh highlighted the use of white board in teaching practices and stressed that there should be interactive learning and discussions between students and teachers rather than only teachers giving instructions to the students. [CEE2016O013]

SRC Meeting
The Department conducted SRC of four PhD students, Ms Vaishali Sahu, Ms Anju Bala, Ms Ruchi Gupta and Ms Geetha Varma on 4 July 2016 and four students, Ms Niragi Dave, Mr Sameer Gaur, Ms Monika Rani Malhotra and Mr DK Srivastava on 6 July 2016 under the chairmanship of Prof. Pramila Goyal and Prof. SK Kaushik respectively.

Summer Internship Visits
The following faculty members of the Department visited industrial sites/corporate offices to interact with the officials and obtain feedback on summer internships of 2nd and 3rd year BTech Civil Engineering students. The visits also helped in developing liaison with industries for consultancy, projects, placements and other academic activities in which industry professionals can be involved. The visiting faculty members received positive feedback of students and a good response for consultancy, training and research projects. Some suggestions were also given regarding upgradation of laboratory testing facilities by introducing certain new equipment. The Department looks forward to working on the same in the near future. [CEE2016O011]

<table>
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<tr>
<th>Site Visited</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>National Highway Authority of India</td>
<td>Ms Megha Kalra</td>
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<tr>
<td>DLF Home Developers</td>
<td>Dr Anil Kumar Mishra</td>
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<tr>
<td>M3M India</td>
<td>Ms Garima Srivastav</td>
</tr>
<tr>
<td>CSMRS, Mahindra Eluminare &amp; CPWD</td>
<td>Mr Lokesh Choudhary</td>
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Faculty Activities
Dr Anil Kumar Misra was invited to join as a member of Advisory/Organising Committee of Asian Advanced Materials Congress (ASAMC) and solicit his advice and support in organizing the Congress to be held during 11 - 16 March 2017.

New Faculty on Board
Mr Akx Malik joined the Department as Assistant Professor.
We welcome him on board.
A group of 25 students participated in the SUPRA-SAEINDIA national competition organized by SAEINDIA and Maruti Suzuki Ltd. from 4-9 July 2016 at Buddha International Circuit, Greater Noida. The competition was about design, fabrication, innovation and testing of Formula type racing vehicle. The aesthetics of the NCU vehicle were appreciated at all levels. [MED2016O017]

Faculty Activities

- Mr Ashwini Sharma attended a 3D Design summit of Solid Edge organized by Siemens and Sapcon Systems at Crown Plaza, Okhla, Delhi on 15 July 2016. [MED2016WA004]
- Mr Sharma is selected as the member of Academic Advisory Board by Fraternity of Mechanical Engineers (FMAE), a national level society involved in improving the degree of learning and the standard of design challenges such as Formula kart design challenge in the country. [MED2016O018]
- Dr K Mathiyazhagan has been nominated as an examiner to evaluate the PhD thesis and was invited to conduct the public viva-voce examination at Anna University, Chennai. [MED2016O019]
- Dr Feras Al-Hakkak visited Honda Cars India factory at Greater Noida on 21 July 2016 to supervise the industrial training of University’s Mechanical Engineering students. [MED2016O020]

New Faculty on Board

Mr Kishore Kumar Guru joined the Department as Assistant Professor (Sr Scale).

Ms Arohi Mathur, Mr Mohit Kataria, Mr Sanchit Mewar, Mr Praveen Singh, Mr Satnam Singh and Mr Jag Parvesh Dahiya joined the Department as Assistant Professors.

We welcome them on board.

Department of Mechanical Engineering

Faculty Activities

- Mr Ashwini Sharma attended a 3D Design summit of Solid Edge organized by Siemens and Sapcon Systems at Crown Plaza, Okhla, Delhi on 15 July 2016. [MED2016WA004]
- Mr Sharma is selected as the member of Academic Advisory Board by Fraternity of Mechanical Engineers (FMAE), a national level society involved in improving the degree of learning and the standard of design challenges such as Formula kart design challenge in the country. [MED2016O018]
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- Dr Feras Al-Hakkak visited Honda Cars India factory at Greater Noida on 21 July 2016 to supervise the industrial training of University’s Mechanical Engineering students. [MED2016O020]

Orientation Programme for BSc (Hons) Mathematics and MSc Mathematics

The Department organized Orientation Programme for newly admitted students in BSc (Hons) Mathematics and MSc Mathematics on 23 July 2016. On this occasion, senior faculty members of the Department addressed the newly admitted students. Dr Rashmi Tyagi, HoD congratulated the students for taking the decision opting for Mathematics. She encouraged them to remain disciplined and apprised them of various aspects of the University. Prof. AK Yadav assured the students about giving the best of academic instructions and assisting them in their quest for knowledge and developing key skills for success. The students appreciated the quality and vision of the Department and expressed enthusiasm to learn in this nurturing environment of NCU.

Department of Applied Sciences

Departmental Activities

Faculty Development Programme

A six-day Faculty Development Programme on ‘Enhancing Research and Teaching Capabilities’ was jointly organized by Dept of Applied Sciences and Centre for Languages Learning from 1-8 July 2016. Expert lectures were delivered by eminent academicians including Prof. CV Baxi on ‘How to Improve Teaching and Learning’, Padam Shree Prof. KL Chopra gave a talk on ‘Solar Photovoltaics’, while Prof. Prem Vrat spoke on ‘How to Improve Research Productivity’. Prof. Kehar Singh spoke on ‘Light with a Twist’, Shri JC Kapoor on ‘Understanding and Managing Health and Safety Issues of Nano-materials’, Padam Shree Prof. Pushpesh Pant on ‘Problems in Quality Research’, Prof. Amitava Sengupta on ‘Atomic Clocks: How do they work and why do we need them’, Prof. SK Jain on ‘Quality system Requirement of ISO 17025 as applied to Research Laboratory’, Ms Praneet Kaur on ‘Make a Difference’ and Dr Sangeet Srivastava on ‘Image Forensics’. The effective videos, impressive presentations and real time examples had immense effect on the audience. A total of 32 faculty members from Dept of APS and CLL participated in the FDP. Prof. AK Yadav gave concluding remarks and a vote of thanks. The programme was coordinated by Dr Sunanda Vashisth, Dr Pranati Purohit and Dr Divyabha Vashisth. [APS2016FO001]
New Faculty on Board
Dr K Gowri Navada joined the Department as Associate Professor. Ms Deepika Rani and Dr Anshu Malhotra joined the Department as Assistant Professors. We welcome them on board.

Centre for Languages Learning
FDP on Communication Skills
A session of Faculty Development Programme on Communication Skills titled ‘Make a Difference’ was conducted by the Centre on 8 July 2016. The session was conducted by Ms Praneet Kaur, Visiting Faculty, CLL. The session highlighted the need to harness intrinsic motivation for the individual faculty members in their everyday lives. The session was designed to pay attention towards personal development, igniting creative energies and to infuse motivation among the participants. It also highlighted the effectiveness of communication in our daily life.

Ms Kaur provided a handy distillation of research on motivation and used examples and anecdotes to bring the presentation to life. It was a highly interactive session that helped the audience to learn tangible techniques to implement positive change in their lives. The session was thought provoking and encouraged everyone to make a difference in their lives. [CLL2016FO005]

New Faculty on Board
Dr Sanjay Goyal joined the Department as Professor and Dean, SOM. Mr Pushkal Pandey joined the Department as Professor. We welcome them on board.

News from the School of Management
Faculty Development Programme
School of Management organized a Faculty Development Programme on ‘Essentials of Business Intelligence’ from 5-12 July 2016. During the FDP, Dr Vipin Khurana from IBS Gurgaon, Mr Pratyush Praveen and Mr Dinesh Dhiman, both from IBM covered different topics including Descriptive and Predictive analytics using R, multivariate techniques, factor analysis, cluster analysis, different types of data and associated mining methods, analysis and sharing of data using IBM Cognos Insight, modeling and reporting through IBM Cognos BI. The FDP was coordinated by Dr Ruchi Nayyar. [SOM2016FO001]

News from the School of Law
Faculty Development Programme
Mr Manoj Gopaliya interacting with faculty members during FDP
School of Law conducted a Faculty Development Programme from 4-11 July 2016. The objective of the FDP was professional and academic development of faculty members and legal professionals. The purpose of this programme was to provide an opportunity to distinguished scholars, researchers and teachers to engage with the faculty members and share their experiences relating to teaching and research. During the programme, Mr Sumit Gandhi from Lexis Nexis delivered a lecture on utilization of Lexis Nexis database for legal research, and Mr Satendra Kumar from Manupatra shared his views on secondary research tools provided by Manupatra. Mr Piyush from We the People talked on dissemination of legal aid and assistance. Mr Manoj Gopaliya, Dy Dean (Academics) and Mr Deepak Sharma, Asst Librarian spoke on moderation & academic rules and plagiarism in legal research, respectively.

School of Law organized a Law Quiz for the students of 2016 batch of BBA-LLB (Hons.) programme on 25 July 2016. The event, conducted by Quizwale Inc., was facilitated by Mrs Ritu Gupta and Mr Subhradipta Sarkar and mentored by Dean SOL, Prof. Pushpesh Pant. The quiz was organized as an induction-cum-interactive session for the new batch of students. Prof. Pushpesh Pant congratulated and felicitated the winners at the end.

New Faculty on Board
Dr Kanu Priya, Mr Bilal Ahmed Kuchey and Ms Manika Kamthan joined the Department as Assistant Professors. We welcome them on board.

News from the School of Professional Attachment (SPA)
- Placements for 2016 batch have been good and we have achieved an impressive placement record across all Schools and their respective branches. This in turn gave a boost to the confidence of new entrants to our University during the Orientation program, where Director SPA, Mr BK Gupta shared the various activities for engaging students with SPA.
- On 25 July 2016, SPA team welcomed all the final year students of Engineering and MBA. Mr Gupta congratulated them on
Mr Sameer Sabarwal, Research Head, TCS being welcomed by Mr B K Gupta

Placements during the month

- ICAT, an automobile firm has offered placements to 12 students from Mechanical, Electrical and Electronic Engineering branches.
- Mind Merchant, a Law firm based in Gurgaon has rolled out a placement offer to a Law student.
- Shriram Pistons, a renowned automobile firm has extended a placement offer to one student of Mechanical Engineering as a Junior Engineer Trainee.

Research Papers Published

Book Chapters

International


National


Journals

International


Conference Presentations

International


National


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

- Prof. Prem Vrat was invited as Guest of Honour and Speaker on 1 July 2016 for a 3-day National Workshop on OBE and NBA Accreditation at Lucknow, organized by Engineering Staff College of India, Hyderabad.

- Prof. Prem Vrat was invited as Chief Guest during the inaugural function of Global Initiative of Academic Networks (GIAN) Course on Production Planning for Manufacturing Excellence organized by Department of Mechanical Engineering at Delhi Technological University, Delhi on 4 July 2016.

- Prof. Prem Vrat was invited by BML Munjal University, Gurgaon on the occasion of Invocation and Orientation Ceremony on 5 July 2016. On this occasion Prof. Vrat delivered a lecture on Leadership and his life experiences to the new batch of MBA Students.

- Prof. Prem Vrat attended a conference on ‘Empowering Administrator for Good Governance and Sustainable Progress’ from 8-10 July 2016 at Brahma Kumaris Headquarters, Mount Abu. He also delivered an address on ‘Sustainable Progress’ as Guest of Honour in the plenary session. Prof. Vrat had discussions with Executive Secretary BK Mrityunjay, Chairman of Education Wing to have ‘Thought Laboratories' in Universities to inculcate good human values among students. He also interacted with Dadi Janaki, the 101 years old Chief of the Brahma Kumaris at Asia’s biggest solar thermal plant fully funded by Govt. of India and UN agencies.

During the stay, Prof. Vrat visited different facilities including the state-of-art food processing factory of Brahma Kumaris with latest technology, Asia’s biggest solar thermal plant fully funded by Govt. of India and UN agencies.

Prof. Prem Vrat’s interview on ‘Role of Values in Education’ was recorded in the studio of Brahma Kumaris at Mount Abu. A 30 minute interview will soon be telecast in the TV Channel ‘Peace of Mind’.

- Prof. Prem Vrat attended a meeting of the Technology Foresight and Management Forum at Indian National Academy of Engineering (INAЕ), Gurgaon on 19 July 2016.

- Prof. Prem Vrat has been appointed as the Governor-Chancellor’s nominee on the Executive Council of the YMCA University, Faridabad for a period of 2 years from 1 August 2016 by His Excellency the Governor of Haryana.

- Prof. Prem Vrat delivered a lecture on ‘Rationality, Decision Science and Management’ at IIT Delhi on 29 July 2016 as an Honorary Professor.

Student Activities

- Team Rcubers under its banner of R_Jyoti visited Sai Baba Kushtha Ashram, old Gurgaon on 10 July 2016. The team interacted with orphans and senior citizens in the Ashram and distributed food items to them. The team was accompanied by Mr Sanjay Jain, CTO, DEN Networks and ex-CTO, Airtel India who supported Rcubers in this initiative of helping the needy people.

- Pranav Jain, student of BTech (CSE) has been selected for GSoC 2016 and is currently working with Debian. Pranav won a stipend of USD 6000 for his project which works on making Android libraries and adding new functionality to K9 mail so that they can communicate over Session Initiation Protocol (SIP).

The Google Summer of Code (GSoC) is an International Internship Program organized by Google, where a student performs as an independent developer with an open source organization on a 3 month programming project during summer. A selected few students across the globe, code and invent new ideas vigorously for 3 months.

R _jyoti is an initiative by Rcubers with an aim to do good for the needy and encourage everyone to support the cause. With a promise to continue this initiative, Rcubers plans to organize many more similar visits.