NCU Activities

Swachhta Rankings 2018

The NorthCap University, Gurugram, has been ranked Second amongst the Cleanest Higher Educational Institutions in the Country in the Category ‘University (Non Residential)’. 6200 institutions of Higher Education across the country participated in the Rankings out of which 51 institutions were given the award. The award was presented to the University by the Hon’ble MHRD Minister Mr Prakash Javadekar in a ceremony held at New Delhi on 1 Oct 2018. The University won this award for Maintaining, Promoting and Encouraging the culture of ‘SWACHHATA’ in Higher Educational Institutions in the Country.

The inspection of the University, for the Swachhata Ranking, was conducted by a high level team from MHRD on 18 Sept 2018.

NCU Signs MoU with NTRO

The University signed an MoU with National Technical Research Organization, New Delhi, on 12 Sept 2018. The MoU shall provide collaborative working arrangement on specific research and development projects. In addition, NCU interns may be considered by NTRO for involving young talent in the relevant field. The MoU was signed by Mr V B Kotabagi, Centre Director, NTRO, New Delhi, and Prof. HB Raghavendra, Vice-Chancellor, NCU.

Students studying at ITB, Dublin, Ireland

Students Sidharth Sharma (15ECU055, Class of 2019) and Jitesh Miglani (13CSU059, Class of 2017) have proceeded to the Institute of Technology, Blanchardstown (ITB), Dublin, Ireland, for further studies under one of the various student-exchange opportunities available under the Partnership Agreement between The NorthCap University (NCU), Gurugram, and Institute of Technology Blanchardstown (ITB), Dublin, Ireland.

Sidharth Sharma, EECE is studying for Bachelor of Engineering (Honours) in Computer Engineering in Mobile Systems (BN423) and Jitesh Miglani, CSE is studying for Masters of Science in Computing in Applied Cyber Security (BN528) at ITB. Both students have been offered concessional fee under our Partnership Agreement. We wish Sidharth and Jitesh a fruitful and productive stay abroad and success in their future endeavours.
Engineer's Day celebrations

Engineer's Day was celebrated at the University to mark the birth anniversary of Sir M Visvesvaraya on 15 Sept 2018. The Guests of Honour were Mr Pradeep Chaturvedi, Chairman, Strategic Plan Committee, Institution of Engineers and Mr Satyadev Singh, Director-Utilities, Tata Consultancy Services, London. The theme of this year was, 'Digital Transformation: A new industrial revolution'. Pro-Chancellor, Prof. Prem Vrat and Vice-Chancellor, Prof HB Raghavendra, spoke about the contributions of Sir Visvesvaraya and the digital revolution.

Speaking on the occasion Mr Pradeep Chaturvedi said, “Industries around the world are now facing substantial challenges due to recent environmental, societal, economic and technological developments regarding disruptive concepts of IoT, Cyber Physical Systems or Cloud based manufacturing, which lead to the fourth stage of industrial revolution. Increased digitization which waves out traditional and conventional production concepts including mass production, batch production, continuous process flow and project is the need of the hour.”

Mr Satyadev Singh shared his experiences of how things have changed in the corporates, through digitization. He said that industry 4.0 is focused on creating intelligent products, processes and procedures that lead to ubiquitous connectivity of people, things and machines. The programme ended with a play by Abhimanch Theater Society showcasing the ‘Life of an Engineer: In Today’s Era’. The coordinators for the event were Ms Jyotika Pruthi and Ms Mehak Khurana, Dept of CSE&IT.

NCU stands with Kerala

In one of the most destructive deluges that Kerala has seen in a century, the faculty, staff and students of The NorthCap University got together in this hour of national calamity and donated generously for the flood victims. A sum of Rupees Three Lakhs, fourteen thousand eight hundred was collected by way of Voluntary donation and sent to the Chief Minister’s Distress Relief Fund, online, on 4 Sept 2018.

Freshers Day Celebrations

A welcome party was organized for the new batch of students at the University on 11 Sept 2018 so that freshers get an opportunity not only to showcase their talent but also a chance to interact with their seniors in a friendly atmosphere. Freshers of all the three Schools participated in an ambience of excitement, joy, music, enthusiasm, laughter and happiness. It was a happening experience for the newly inducted students of the University.

Teacher's Day celebrations

Enthusiasm and festivity marked the Teacher's Day celebrations in the University on 5 September 2018. The Vice-Chancellor, Prof. HB Raghavendra, lauding the teaching fraternity for having chosen this noble profession welcomed them to the event. He shared his experiences of his college days and how his teachers influenced him.

On the occasion, The Guest of Honour, Dr C V Baxi, Former Director, MDI, Gurugram, was welcomed and honoured with a shawl. Dr Baxi is symbolic of a good teacher who has spent his entire life in academics and dedicated it to the cause of students. Prof. Baxi, in his address, mentioned that he was overwhelmed by the Teacher’s Day celebrations at NCU. He encouraged students and faculty to use books and libraries and not just rely on laptops, mobiles and the internet to gain knowledge. He spoke about the importance of lifelong learning and said that he is still learning.

The University paid homage to Dr Sarvapalli Radhakrishnan and remembered his contributions to the society. A special tribute was given by the students to the faculty through a cultural programme comprising of classical and contemporary dances, songs and skits.

Faculty members also gave an amazing dance performance which was highly appreciated. To commemorate Teacher's Day, two special 'Wall of Fame' were put up with messages from students to capture their feelings for their teachers – 'Straight from the Heart!' The programme concluded with refreshments and gifting of saplings to all. The event was organized by the School of Management. (SOM2018O018)

Under the NCU-ITB collaboration, twelve NCU students have earlier studied at ITB, Dublin, under various exchange options. Students from the Departments of CSE, ME and EECE can avail these options for which notifications are made every January by the Dean's Office, NCU. Dr Manoj Kumar Gopaliya, Dept of Mechanical Engineering is the NCU-ITB Collaboration Coordinator & In-charge, NCU International Students Relations Office.

A variety of events were held, including scintillating performances by NCU's Music Society 'Encore' and Dance Society 'Morphinated'. The fresh batch of students presented an attractive and refreshing fashion show on the theme 'Bohemias and Bahamas' and walked the ramp in costumes as per the theme in three rounds. Based on their performance Hansika Khanduja (BBA) was declared Miss Diva and Manav Sahu (BBA) was Mr Charismatic. Sivam Dahiya
(BBA) and Priyanshi Kathuria (CSE) bagged the titles of Mr and Miss Fresher 2018, respectively. Clad in their best attire, the students presented a colourful scene all around. Students enjoyed clicking selfies and posing for group photographs. The event was coordinated by Ms Amanpreet Kaur and Mr Pankaj Rakheja. Depts of EECE, under the guidance of Dr Jyotsna Singh, Dy Dean, Student Affairs.

VC Innovation Fund

The University continues to encourage innovative ideas of students. Following are the details of the projects, along with the award amounts:

March 2018

<table>
<thead>
<tr>
<th>No.</th>
<th>Project Title</th>
<th>Student Details</th>
<th>Mentor</th>
<th>Fund Required</th>
<th>Fund Granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Vehicle Security system with Integrated Accident alert System and fire protection</td>
<td>Akash Lai (14MEU010)</td>
<td>Dr. Rohit Singh</td>
<td>Rs 85,000/-</td>
<td>Rs 55,000/-</td>
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<tr>
<td></td>
<td></td>
<td>Patel Sharma (14CSU135)</td>
<td>Ms Suman Bhatia</td>
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<tr>
<td></td>
<td></td>
<td>Praveen Mehta (14CSU146)</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>Nipun Kalra (14MEU054)</td>
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<tr>
<td>2</td>
<td>Smart office automation using ICT</td>
<td>Akhil Sharma (15CSU017)</td>
<td>Dr. Latika Singh</td>
<td>Rs 30,000/-</td>
<td>Rs 30,000</td>
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<tr>
<td></td>
<td></td>
<td>Abhishek Chauhan (15CSU007)</td>
<td>Vinay Solanki (Aeris)</td>
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</table>

Total funds required and granted under VCIF Scheme Rs 85,000/-

September 2018

<table>
<thead>
<tr>
<th>No.</th>
<th>Project Title</th>
<th>Student Details</th>
<th>Mentor</th>
<th>Fund Required</th>
<th>Fund Granted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Virtual Reality integrated robotic car</td>
<td>Paaksh Singh – 15CSU144</td>
<td>Dr. Jyotsana Singh</td>
<td>Rs 50,000/-</td>
<td>Rs 50,000/-</td>
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<td></td>
<td></td>
<td>Mannik Kumar – 15CSU109</td>
<td>Ms Suman Bhatia</td>
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<td></td>
<td></td>
<td>Vinay Gang – 15CSU258</td>
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<tr>
<td></td>
<td></td>
<td>Vineet Jain – 15CSU259</td>
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<tr>
<td>2</td>
<td>Water leakage detection system using pressure sensor ball</td>
<td>Simran Sejwal (15CSU235)</td>
<td>Ms. Garima Sharma</td>
<td>Rs 13,000/-</td>
<td>Rs 13,000/-</td>
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<td></td>
<td></td>
<td>Akalikendra Sharma</td>
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<td></td>
<td></td>
<td>(15CSU270)</td>
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<tr>
<td>3</td>
<td>Automated Farming Monitoring System</td>
<td>Amneekhul Vij-16CSU048</td>
<td>Dr. Vjendra Singh</td>
<td>Rs 55,000/-</td>
<td>Rs 45,000/-</td>
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<td></td>
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<td>Abhishek Jain-16CSU115</td>
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<td></td>
<td></td>
<td>Aarushi Sharma-16CSU095</td>
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<td>AshimaBasai-16CSU006</td>
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<td></td>
<td></td>
<td>Shilam Bajaj-16CSU347</td>
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<tr>
<td>4</td>
<td>Smart Fit</td>
<td>Nikhil Mudgal-15CSU128</td>
<td>Dr. Shilpa Mahajan</td>
<td>Rs 86,000/-</td>
<td>Rs 70,000/-</td>
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<tr>
<td></td>
<td></td>
<td>Nimit Badak (15CSU133)</td>
<td></td>
<td></td>
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<tr>
<td>5</td>
<td>Design and fabrication of low cost 3D printer</td>
<td>Shubham Atreya (15MEU077)</td>
<td>Dr. Satnam Singh</td>
<td>Rs 50,500/-</td>
<td>Rs 46,000/-</td>
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<tr>
<td></td>
<td></td>
<td>Shubham Gagal (15MEU078)</td>
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<tr>
<td></td>
<td></td>
<td>Vikas Chauhan (15MEU087)</td>
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</table>

Total funds required and granted under VCIF Scheme Rs 2,54,500/-

Workshop by MAGES Institute of Excellence Singapore

MAGES Institute of Excellence Singapore conducted a workshop for NCU faculty, subsequent to the MoU between NCU and MAGES Institute, from 17-19 Sept 2018 at Taj Hotel, Dwarka, New Delhi. Upcoming technologies in the domain of Computer Science and Engineering were discussed and industry experts shared their experiences and futuristic needs of the industry. The workshop was a platform for discussion on the ways and means to improve student employability and thus giving them better value and a competitive edge. The workshop was conducted by Ms Neeru Bahl, Dr Rajesh Chakravarthi, Mr Atul Verma (industry expert – IoT & Software) Mr Manuj Kumar (industry expert - Data Science ), MAGES Institute. Prof. Swaran Ahuja, Dr Manoj Gopalayi, Dr Rekha Vij, Dr Rita Chikara, Dr Jyoti Sahani, Ms Prema Singhal and Ms Kanika Gupta (NCU) participated in the workshop.

Tinkering lab

Students from the Depts of CSE, ECE and ME are enthusiastically using the Tinkering Lab for projects that require different types of microcontrollers and sensors. The project of ME students is on ‘Earthquake Resistance Building’, CSE projects include ‘Drone Delivery System’, ‘Secret Coded Door Lock’, ‘Portable Emergency Light’, ‘Automatic room lock and light On-off system’; ECE projects include Automatic Smart Parking System and Gesture Controlled Car.

Viva-Voce

- The PhD viva-voce of Ms Anuradha, PhD scholar, Department of Computer Science & Engineering on the topic ‘Hybrid decision tree classification for medical diagnosis’ was held on 4 Sept 2018 under the guidance of Dr Kavita Khanna, Dr Akansha Singh and Dr Gaurav Gupta, Dept of CSE&IT.
- The PhD viva-voce of Ms Anuradha, PhD scholar, Department of Civil & Environmental Engineering on the topic ‘Physical, Mechanical and Micro-Structural Behaviour of Quaternary Binders, Motors and Concrete Mixes’ was held on 15 Sept 2018 under the guidance of Dr Anil Kumar Misra and Dr Amit Srivastava, Dept of CEE.

News from the School of Engineering and Technology

Department of EECE

NITTTR conducts training programme

Dept of EECE, NCU (Nodal Centre), organized a faculty training programme on ‘4G and 5G through ICT’ which was conducted by NITTTR, Chandigarh from 17-21 Sept 2018. NITTTR has been offering faculty training programmes in a wide variety of areas to propagate ICT skills among faculty in order to improve quality of technical education.

The focus of the training programme was on advanced concepts, architecture and research areas of new communication techniques in Evolution of standard from 2G to 5G, SC-FDMA, OFDMA Concepts - 4G Uplink and Downlink,
A workshop was conducted on the topic ‘Group Discussions’ for students of BTech ECE, 5th and 7th Sem on 27 Sept 2018. The trainer for the workshop was Ms Shikha Malhotra, a Certified Image Consultant (Conselle Institute of Image Management, USA), Soft Skills Facilitator and Trainer (Scottish Qualifications Authority) and Certified Train the Trainer-TTT (National Accreditation Board for Education & Training). Details of Group Discussions, its importance, how to start it with an introduction and how to end it with its summarisation, were discussed. Important and useful tips, do’s and don’ts, way to prepare for GDs, importance of current affairs etc. were also discussed. The workshop included two mock GDs in which students participated enthusiastically and benefitted by the review comments from the trainer. The workshop was coordinated by Dr Vandana Khanna and Dr Rekha Vig, Dept of EECE.

Workshops

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- A workshop on Arduino Projects & Career Counselling session for schools was organized on 24 Sept 2018. A total of 50 school students from in and around Gurugram namely Drona Public School, Euro International School and Rotary Public School, participated in the workshop. It involved hands-on projects based on Arduino, project demonstrations followed by interaction with students and a campus tour. It was an excellent opportunity for school students to see the pace of live projects. The workshop was coordinated by Mr Pankaj Rakheja, Ms Amanpreet Kaur under the guidance of Dr Sharda Vashisth.

- A workshop on VLSI Design was conducted by TrueChip, a leading provider of Design and Verification solutions in VLSI Design for BTech (ECE) 3rd & 4th Sem and MTech (ECE) 1st & 3rd Sem students on 6 Sept 2018. It provided information about VLSI industry, Chip designing, SoC Design Flow/ SoC Architecture, HDL, Verilog, Modeling, Sequential Circuit Coding using Behavioral Modeling, Testbench creation, writing sample Testcase to verify the design etc. The workshop was organized by the Dept of EECE and coordinated by Dr Neeraj Kumar Shukla, Associate Professor.

Faculty Activity

Dr Shaveta Arora attended a two-day instructor-led hands-on training programme on ‘Simulink for System and Algorithm Modelling’ from 2-3 Aug 2018. Simulink is a graphical programming environment for modeling, simulating and analyzing multi-domain dynamical systems. The training was conducted by The MathWorks India Pvt Ltd, New Delhi. It focused on how to apply basic modelling techniques and tools to develop Simulink block diagrams. [ECE2018O014]

Department of CSE & IT

Guest Lecture

A special lecture was delivered by Dr Dhananjay, DRDO, to CSE PhD scholars and members of the faculty, working in the domain of Cyber Security, on 28 Aug 2018. Dr Dhananjay is working with the scientific analysis group (SAG), DRDO. He discussed about trends in Quantum Computing, upcoming areas in Cyber Security research and applications of Cryptography in Quantum Computing. He also clarified doubts regarding problems faced by PhD scholars during research and suggested some potential research topics. The lecture was organized by Dr Geetika, Ms Anjali and Ms Mehak. [CSEG2018009]

Alumni Interaction

Departments of CSE&IT and EECE organized an Alumni Meet on 1 Sept 2018 and 70 alumni graced the occasion. The event was inaugurated by the lighting of the lamp by the dignitaries and Alumni Mr Adish and Mr Archit (Class of 2000). Vice-Chancellor, Prof. HB Raghavendra motivated the alumni to stay connected with the University and help build a stronger campus to corporate connection.

Anisha, BTech, 3rd Year gave a scintillating Odissi dance performance and an audio-visual game was organized in which all alumni participated with zeal and enthusiasm. Ms Jyotika Pruthi, Dept of CSE and Ms Amanpreet Kaur, Dept of
The Department organized a workshop for all engineering students of 1st, 2nd and 3rd Years, members of the faculty and scholars in the area of Machine Learning (ML) which was conducted by Mr Prateek Narang, Co-founder Coding Blocks, New Delhi, on 6 Sept 2018. The workshop included different machine learning approaches for classification, clustering, regression and forecasting using Python programming platform. Students learned about various real time applications of different ML approaches and performed practical implementation on sample datasets. The workshop was coordinated by Dr Jyoti Sahni, Associate Professor. (CSEW2018002)

Career Counselling of school students

A workshop on IoT was conducted on 4 Sept 2018 in the Dept of CSE&IT for school students. The objective of the event was to create interest in technical education and to publicize the academic programmes offered by various Departments and Schools at NCU among senior secondary students. Getting acquainted with programme objectives will help them choose the right field for their graduation. 30 students of classes XI & XII from Salwan Public School, Sector-15, Gurugram, and SD Memorial School, Madanpuri, Gurugram participated in the workshop. It was conducted by Ms Prerna Singhal along with Final-year students. Mr BK Gupta, Director, SPA, also interacted with students and guided them regarding choosing the right career after school. Participation Certificates were distributed to all participants of the workshop. Students were also taken on a tour of the University and they visited the library, labs, workshops and sports arena. The coordinators of the event were students Ansh, Aman and Anchit, BTech, 3rd Year under the guidance of faculty coordinators Dr Jyotsna Singh, Mr Sandeep Singh and Ms Prema Singal. (CSEW2018003)

Faculty Achievement

Dr Vijendra Singh was the Guest Editor of the Special Issue on 'Data Mining and Decision Sciences in Healthcare Informatics and Systems' of International Journal of Healthcare Information Systems and Informatics (IJHISI), IGI Global USA, indexed in SCOPUS and Web of Science. (CSEO2018047)

Industrial Visit

A group of 23 students accompanied by Dr Vijendra Singh and Ms Priyanka Rastogi visited IBM Research Lab, Delhi, on 24 July 2018 to see their R&D lab and latest innovations in the areas of Artificial Intelligence. IBM researchers made a presentation of innovations at IBM during last 50 years. They also discussed about technology areas such as IoT, Robotics, Big Data, Machine Learning and Artificial Intelligence. The visit was coordinated by Dr Vijendra Singh. (CSEI2018014)

MoU with Ansyst Consulting Pvt. Ltd

Dept of CSE&IT renewed its MoU with Ansyst Consulting Pvt Ltd on 6 Sept 2018. As a part of the MoU currently CSE students are working on 24 different projects with industries like Universal Technical Systems, C-DAC, DNA Automation, Townsquare etc. (CSEO2018048)

Mentor Mentee Interaction

Prof. Karmeshu interacted with his associated mentees and delivered a talk on ‘Stochastic Modelling’ on 29 Aug 2018. (CSEO2018039) on 21 Sept 2018 Prof. Karmeshu reviewed the LMS of his mentees and emphasized on the usage of authentic study material to be uploaded on LMS. He advised mentees to use online student material only after due permission from the copyright owner. Apart from LMS, he discussed the progress of research papers and projects of his mentees. (CSEO2018049)

CCNA Module

The Department is pleased to announce that 33 students have enrolled for the certification course of CCNA module 2 which commenced in Aug 2018. This module is coordinated by Ms Neeti Kashyap and Ms Hitesh Yadav. (CSEO2018050)

Department of Civil & Environmental Engineering

Workshop

A workshop on ‘Role of Mathematics and Science in Civil Engineering’ was organized by the Department for BTech and MTech, CEE students on 7 Sept 2018. The workshop was conducted by Dr PV Dilip Kumar, Assistant Professor, Mahindra Ecole Centrale, Hyderabad, and his research scholars, Mr Ajay Sreerama and Mr Bharat.

The workshop enlightened and motivated the students on connecting Civil Engineering with basics of Mathematics and Science and through practical
PhD scholar Ms Niragi Kalpesh Dave's thesis on 'Physical, mechanical and micro-structural behaviour of quaternary binders, mortars and concrete mixes' is very relevant in the present scenario as it solves the scarcity of good construction material by using industrial by-products like fly ash, granulated blast furnace slag, silica fume, metakaolin and lime powder. The suggested quaternary binder and concrete will not only meet the huge demand for construction work but will also reduce the environmental pollution due to manufacturing of cement. This is certainly a way forward for the sustainable development of the society. Four publications have been derived from her research work in Web of Science/Scopus indexed journals. Ms Niragi Kalpesh Dave is the fourth doctoral student of the Department of Civil & Environmental Engineering, NCU. (CEE2018O0013)

Research

Department of Applied Sciences

Mentor-Mentee Interaction

Faculty Mentor, Prof. IK Varma, Honorary Distinguished Research Professor, discussed the research progress of her mentees and research scholars of the Dept of APS on 31 Aug 2018. She suggested that mentees should be more focused on present research and real life application of chemistry in various fields. She motivated her mentees to submit research proposals to government funding agencies and for consultancy projects. She also reviewed the content on LMS of all mentees and gave her valuable suggestions for further improvement. She discussed the work of new PhD scholars and gave them her valuable suggestions for their research work. (APS2018O0028)

Faculty Achievements

- Ms Tarul Garg, completed her PhD in Mathematics from IIT Roorkee on 'Rate of convergence of certain positive linear operators' on 6 Sept 2018 under the supervision of Prof. PN Agrawal. She joined the NorthCap University in July 2018. (APS2018H001)
- Ms Rajni Rohilla completed her PhD in Mathematics from IIT Roorkee on 'Efficient Numerical Solutions of Some Linear and Nonlinear Diffusion Equations' on 14 Aug 2018 under the supervision of Prof. RC Mittal. She joined the NorthCap University in July 2018 (APS2018H002)

Department of Mechanical Engineering

Alumni Interaction

The Department organized an Alumni interactive session for Final-year ME students on 28 Aug 2018 on the topic 'Diversified Career options for Mechanical Engineers'. The session was conducted by Alumni Mr Nakul Chadha (Class of 2015), System Engineer, TCS and Mr Hitesh Kumar (Class of 2015), Business Analyst, Crystal Travels. They spoke about the different career options available for Mechanical Engineers and also shared their work experiences with the students. The session proved beneficial as the students were able to resolve their queries regarding the same. The session was coordinated by Mr Anmol Bhatia, Assistant Professor. (MED2018O018)

Workshop

The Department organized a workshop on Solar PV training on 13 Sept 2018 in collaboration with BeGenesis Skills Academy (Brand of GreyBeez Pvt Ltd) for 3rd and 4th Year BTech students. The session started with Solar PV basics of Safety, Solar radiation, PV cell and Mounting Systems. Topics about grid-connected and Off-grid connected, Matching Array and Inverter, Site Assessment, Cable sizing and Losses in PV array systems were discussed. The students got hands-on training in ‘PVsys’ software which is a PC software package for the study, sizing, simulation and data analysis of complete PV systems. There was practical demonstration of equipment used in Solar Power plant, Irradiance measurement and temperature measurement with defining best orientation of modules for particular location. Experiments to see effect of
News from the School of Management

Placements
- MBA Final-year students Deepika and Shivani (Class of 2019) received job offers from Vegazva Engineering in HR profile on 10 Sept 2018. The process included an Aptitude Test, Group Discussion and Personal Interview. (SOM2018O016)

- MBA Final-year students Shubhangi Bhardwaj and Himanshu Yadav received job offers from HDFC Bank in Finance profile on 24 Sept 2018. (SOM2018O017)

News from the School of Law

Guest Lectures
- A lecture on a contemporary socio-legal issue was delivered by Dr Sangeeta, Pre-Marriage Counsellor, on ‘Pre-Marriage Counselling’ for BBA-LLB (H) students on 27 Aug 2018. She talked about various issues such as mismatch temperaments, false expectations, family adjustments etc. that the new generation is facing in their married life and the demand for counselling to diffuse such tensions. She explained the concept of pre-marriage counselling, its need and the issues faced by such counselling etc. The lecture was coordinated by Dr Balwinder Singh. (SOL2018G005)

4th National Client Consultation Competition 2018
The 4th National Client Consultation Competition (NCCC) was organized by SOL on 1 Sept 2018. The aim of the Competition was to promote greater knowledge and practical skills among student advocates in the preventive law and counselling functions of law practice.

It motivated students to develop interviewing, planning, and analytical skills in a lawyer-client relationship in the law office as interviewing and advising is a significant part of a lawyer’s work. The competition provided an opportunity for a valuable educational interchange between students, law teachers and legal practitioners. The competition simulated a law office consultation in which two law students, acting as lawyers (attorneys/solicitors/legal practitioners), were presented with a client matter. The students conducted the interview with a person playing the role of a client.

Students were expected to elicit the relevant information from the client, explore with the client his or her preferred outcome, outline the nature of the problem, and present the client with a means (or range of alternatives, if appropriate) for resolving the problem. The students were evaluated against specific criteria that emphasized the use of listening, questioning, planning, and analytical skills in a lawyer/client interview.

The Chief Guest Shri Surinder S Rathi, Director, NALSA, shared several real life incidents and how he advocated the same. 32 teams from across the country participated in the competition. After a tough fight University Institute of Legal Studies, Panjab University came out as Winners.

The Winning team received a cash prize of Rs 10,000, Winner's Trophy, certificates and three month's free subscription from Manupatra. The Runners-up Symbiosis Law School, Pune, received a cash prize of Rs 5,000, Runners-up Trophy, certificates and a free six month online course on Client Consultation from Lawskills. All the participants received participation certificates. (SOL2018O016)
A workshop on the topic ‘Impact of technology on citizens at the heart of Smart Cities: Behavioural aspects of their engagement’ was organized for 4th & 5th Year BBA-LLB (H) students on 10 Sept 2018. The workshop was conducted by Ms Mateja Geder, international education expert at Gravita Media, Republic of Slovenia. The workshop helped students understand the role that citizens play in a Smart City and the impact of technology on their behavioural aspects. Live examples were used such as signing of petitions over social networking sites and the response of authorities to that. Participants also did a brief live mobile survey on citizen’s engagement in the protection of the environment via internet, which is guaranteed under the Indian Constitution. The workshop was coordinated by Ms Unanza Gulzar, Assistant Professor. (SOL2017WO004)

Workshop

Fidelity International offers world class investment solutions and retirement expertise to institutions, individuals and their advisers. The company conducted its campus selection process on 29 & 30 Aug 2018 for BTech, CSE, ECE & MSc students and 11 students got job offers.

Fidelity International campus team being welcomed by SPA

Vegazva, an Engineering Services and Information Technology Services company, conducted its campus selection process on 10 Sept 2018 for BTech (all branches), MBA & Law students wherein eight students were extended job offers.

LIBSYS Ltd, a leading provider in library management systems across India, conducted its campus selection process on 17 Sept 2018 for BTech CSE students. Results are awaited.

Eckovation is an online education platform where teachers can launch a course and discover potential students and where students can discover courses of their interest. Eckovation conducted its campus selection process on 17 Sept 2018 for B Tech, M Tech (CSE), BSc & BCom students. Results are awaited.

Tata Consultancy Services (TCS), an IT services consulting and business solutions organization, conducted its selection process on 20 Sept 2018 for BTech & M Tech students (all branches). Results are awaited.

EY Global Delivery Services consisting of various service delivery centres, conducted its campus selection process on 21 & 24 Sept 2018 for BTech, CSE & ECE students and 10 students were extended job offers.

Alumni Meet 2018

Alumni Meet 2018 was held on 1 Sept 2018 which witnessed active involvement of the alumni with commendable suggestions and proposals. It was decided to strengthen the link with the Alumni and get their support for the students in the form of career counselling, training, placement etc. A total of 57 Alumni participated in the Meet.

Workshop

A workshop was conducted for Final-Year ECE students on ‘Fundamentals and Data Structures in Java’ by Coding Ninjas, New Delhi, a reputed programming

News from the School of Professional Attachment (SPA)

Placements

Gemini Solutions, a leading IT Consulting and Product Development firm, conducted its campus selection process on 27 & 28 Aug 2018 for BTech CSE students wherein five students were extended job offers.

Gemini Solutions campus team being welcomed by SPA

Nagarro, a custom software development and business consulting company, conducted its campus selection process on 6 & 21 Sept 2018 for BTech & M Tech, CSE and ECE students. Post the selection process five students were extended job offers.

Fidelity with selected students

Vegazva, an Engineering Services and Information Technology Services company, conducted its campus selection process on 10 Sept 2018 for BTech (all branches), MBA & Law students wherein eight students were extended job offers.

Interaction during the Alumni Meet
language training institute, on 14 Sept 2018. The workshop started with interesting brain teasers, generally asked in interviews to check the aptitude of candidates. It was followed by technical sessions on C++ and data structures. The focus of the workshop was to cover the type of questions frequently asked during placement interviews. Students were advised to learn concepts of coding as it is needed for ECE students at the time of placement. The sessions were interactive and the trainers could come up to the level of students and take them forward from that point. The workshop was organized by SPA and coordinated by Dr Sharda Vashisth and Dr Vandana Khanna.

Ms Manisha Khatkar, Coding Ninjas, during the workshop

Student Speak 2019

Vaibhav Rajput
B Tech, CSE (Class of 2019)
Software Engineer, Deloitte

My journey at NCU can be summed up as starting by sitting among strangers with no idea what it means to be in a University to celebrating the joys of receiving the offer letter from Fidelity, along with friends for life.

I had a lot of supportive teachers to guide and mentor me through all the courses and projects at NCU. They shared their precious knowledge and experience with me. The variety of courses, projects and activities have made me more and more adaptive, creative and inquisitive. Further, meeting deadlines have trained me to manage time and make good prompt decisions.

In all these years I’ve realized that NCU is not just a place, but means people who are highly skilled and with a wide range of experience, who have whole heartedly helped me throughout my college days so that I can climb the ladder of success in the corporate world, which awaits me!

Research Papers Published

Journals


Conference Proceedings

International

Library

- To manage students’ entry and exit at the library gate, LIRC has started biometric punching. It is in practice and functioning smoothly. Earlier it was done manually.
- The Library has started checking of books through Libsys software and barcode scanner at the Library gate. This has increased accuracy, efficiency, decreased chances of error and saves time. Earlier it was being done manually.

National

National

CALL FOR PROPOSALS

<table>
<thead>
<tr>
<th>S.No</th>
<th>Call for Proposal</th>
<th>Last Date</th>
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<tbody>
<tr>
<td>1.</td>
<td>Department of Science &amp; Technology (DST)- Indo-Russian Joint Research Call for Proposals 2018</td>
<td>14.09.2018</td>
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<td>2.</td>
<td>Department of Science &amp; Technology (DST)- Science and Engineering Research Board (SERB)- Augmenting Writing Skills for Articulating Research (AWSAR)</td>
<td>30.09.2018</td>
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<td>3.</td>
<td>Department of Science &amp; Technology (DST)-National Teachers Science Congress (NTSC)- Call For Papers - 9th National Teachers Science Congress</td>
<td>06.10.2018</td>
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Note: * for Corresponding Author

Conference Presentation

National


Hashtag

- Vibings Creative Solutions organised a launch event of HASHTAG magazine Issue No.3, on 27 Aug 2018. The event was based on the theme ‘Something Different’ and started with a poem by Riya and followed by a live performance by the students of The Asian Academy of Film and Television. Hashtag also organized an interactive session on ‘Unorthodox Career Choices’ by Mr Vikram Vijay Chandan, Associate Vice-President, Sony Pictures.

Student Activities

- A team comprising of students Ashmita Sharma and Prachi, BBA-LLB(H), participated in the Client Consultation Competition at Institution of Legal Studies, HP University, Shimla, during their Legal and Cultural Fest ‘Envision 2k18’ from 28-30 Aug 2018. Ashmita Sharma won the Best Advocate Prize and was awarded a trophy and a cash prize of Rs 3000. Out of a total of 30 participating teams, the NCU team bagged the 3rd Position. Parth Kumar participated in the Judgement Writing competition and won the 3rd Position. (SOL2018O014)

- Ms Vasundhra, Research Scholar, SOL, attended the book release of the first ‘User Guide on Foster Care in India’ on 29 Aug 2018 at the India International Centre, New Delhi, by Ms Stuti Kacker, Chairperson, National Commission for Protection of Child Rights (NCPCR). The User Guide has been jointly produced by NCPCR and the Centre of Excellence in Alternative Care (CEAC) in India. Copy of the book can be accessed at www.ncpcr.gov.in and www.alternativecareindia.org. (SOL2018O015)

- Ms Renu, PhD scholar under the guidance of Dr Tejpal Singh Chundawat, Dept of APS, won the 2nd Prize in Poster Presentation in a workshop organised by Sri Venkateshwara College, (DBT Star College), University of Delhi, from 8-9 Aug 2018.

Professional Societies

- Under the aegis of Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), a technical lecture was organized on 24 Sept 2016 for students of ME, particularly those enrolled for the course on Refrigeration & Air Conditioning. The invited speaker, Mr Kapil Chand Singhal, BR Refcool Gurugram, delivered an enlightening talk on past, present and future refrigerants. Mr Singhal is an industry expert with over 20 years of experience in HVAC&R (Heating, Ventilation, Air Conditioning and Refrigeration) industry. The lecture was organized with the aim to foster industry-academia interaction and to uphold the spirit of contextual learning. The event was coordinated by Dr Amit Arora and Mr Jagparvesh Daiiya. (MED2018G002)

Mathemactive Society

- The Mathemactive Society of NCU organized a multi-round aptitude-cum-math quiz named ‘THE MATHSTER’ for 1st Year students (all branches) on 28 Aug 2018. The event was a multilevel quiz-cum-game based on maths and mental ability. The participants were judged on the basis of their skill and their ability to cope up in time. The 1st round was a quiz named ‘Playing with numbers’ based on simple BODMAS questions with a time limit of 10 minutes. The 2nd round was ‘The Maze’ which had questions related to each other and a bonus
An Orientation-cum-Felicitation ceremony was organized by NSS at NCU on 29 Aug 2018 for 1st Year students wherein they were informed about the importance of NSS and its activities. Achievements of NSS were showcased by a video presentation which included blood donation, education drive, cleanliness drive, team building events, women safety and empowerment etc. The newly inducted members of the NSS were cognized about its moto, vision and functioning.

Volunteers were introduced to their respected domains and were informed about their roles and responsibilities in the NSS. They were apprised about the upcoming event 'Education Drive' and were asked to give their suggestions for it. Dr Jyotsna Singh, Dy Dean, Student Affairs & Programme Coordinator, NSS, welcomed the new volunteers and enlightened them about the importance of NSS in their careers and introduced them to the office bearers of NSS, for the year ahead.

To provide relief to those affected by the floods in Kerala, NSS raised awareness about the calamity among people on the campus and in the neighbourhood and organized a collection drive of monetary and material funds for them. Counters were set up in busy areas of the campus, especially at the Café 10. A list of materials required for flood relief was prepared and people were encouraged to contribute the same. Monetary aid was accepted in the form of hard cash or through Paytm. Nearby areas such as the markets were visited and the NSS team motivated the shopkeepers and residents to contribute and help in providing flood relief. The total amount of voluntary donation collected by NSS was Rs 29,800 which was sent to the Chief Minister's Distress Relief Fund, online, on 4 Sept 2018. The event was coordinated by Dr Jyotsna Singh, Programme coordinator, NSS.

(OSA Student Chapter)

OSA Student Chapter welcomed its new members with an orientation programme on 29 Aug 2018 to create awareness about its activities and events. Members learnt about the work that is being carried out by OSA’s different sub-groups in various universities and schools.

The new members were assigned their respective groups and they learnt about the advantages of being a member of OSA, which includes attending international conferences, meeting distinguished professors, industry professionals, an opportunity to get their research work published and most importantly, a chance to hone leadership skills. Sourav Ahuja, President; Nishant Sachdeva, Executive Officer; and Neelam, Secretary, encouraged the new members to give their best to the Society.

OSA student chapter organized an outreach programme at NGO Rashtrahit Sewa Samiti on 1 Sept 2018. Science experiments such as transportation of water, expansion of gases, total internal reflection (using laser light) etc. were demonstrated for the benefit of students of classes 4-8 and they were explained their mechanism and relevance.
Outreach Activities of Prof. Prem Vrat
Pro-Chancellor, Professor of Eminence and Chief Mentor

Prof. Prem Vrat was invited as an expert in the Faculty Selection Committee meeting of Indian Institute of Management (IIM), Bodh Gaya, Bihar, on 2 Sept 2018 at IIM, Bodh Gaya, Bihar.

Prof. Prem Vrat delivered lectures to MTech Industrial Engineering and MBA students at IIT Delhi on 31 Aug 2018. On 14 Sept 2018 he delivered a lecture on ‘Industrial Engineering’ at IIT Delhi, as Honorary Professor.

BTech Girls team comprising of Rajyashree Chaturvedi, Purna Rustagy, Shubhashree Dash, Rupal Sharmo, Ritika Rao, Vibhuti Dahiya, Dept of CSE&IT; Shweta Dinit, Neelam, Dept of EECE, were declared the Winners while the SOL team was the Runners-up.

Prof. Prem Vrat attended the meeting of the Search-cum Selection Committee for scrutiny of applications for the post of a Director at the National Institute of Industrial Engineering (NITIE), Mumbai, at Shastri Bhawan, New Delhi, on 27 Aug 2018.

Prof. Prem Vrat attended the meeting of the Search-cum Selection Committee for conducting personal interviews of the shortlisted candidates for the post of Director at the National Institute of Industrial Engineering (NITIE), Mumbai, at Shastri Bhawan, New Delhi, on 11 Sept 2018.

Prof. Prem Vrat was invited as an expert in Search-cum-selection committee meeting for conducting personal interviews of the shortlisted candidates for the post of Director at the National Institute of Industrial Engineering (NITIE), Mumbai, at Shastri Bhawan, New Delhi, on 11 Sept 2018.

Prof. Prem Vrat was invited as an expert in the Faculty Selection Committee meeting of Indian Institute of Management (IIM), Bodh Gaya, Bihar, on 2 Sept 2018 at IIM, Bodh Gaya, Bihar.

Prof. Prem Vrat was invited as a panellist in the flagship event ‘Industry Day’ organized by IIT Delhi on the theme ‘Smart Manufacturing’ at IIT, Delhi on 22 Sept 2018.

Prof. Prem Vrat was invited by the National Board of Accreditation (NBA) to attend the 4th World Summit on Accreditation (WOSA-2018) on the theme ‘Challenges and Opportunities in Outcome Based Accreditation’ which was inaugurated by Hon’ble Minister of Human Resource Development, GOI, Shri Prakash Javadekar at The Ashok Hotel, New Delhi, on 8 Sept 2018.

Prof. Prem Vrat attended the 16th Executive Council meeting of Sharda University on 8 Sep 2018 at Sharda University, Greater Noida.

Prof. Prem Vrat was invited as an expert in the Faculty Selection Committee meeting for conducting personal interviews of the shortlisted candidates for the post of Director at the National Institute of Industrial Engineering (NITIE), Mumbai, at Shastri Bhawan, New Delhi, on 11 Sept 2018.

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