

Newsletter



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THE NORTHCAP UNIVERSITY

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NCU Activities

University Level Summer FDP

To enhance our academic and intellectual environment and give opportunities to faculty members to update their pedagogical and research skills, a University level six day Faculty Development Programme (FDP) was conducted on different topics from 1-7 June 2018. Faculty from all the Schools/Departments participated in the FDP and gained from the insights of senior academicians and subject experts.

- The Vice-Chancellor, Prof. HB Raghavendra explained 'Context Learning' in which teaching-learning takes place through real-life examples rather than theoretical concepts. It involves problem solving, internship and service learning. He shared the characteristics of Contextual Learning, its current perspectives and how it was useful in child development. Prof. Raghavendra showed that Contextual Learning can be used as a form of formative assessment and can help give educators a stronger profile on how the intended learning goals, standards and benchmarks fit the curriculum.



FDP session by the Vice Chancellor

Prof. Raghavendra explained the concept of the 'Tinkering Lab' as a space where youngsters can experiment, learn, develop and conceptualize different scientific ideas. Science was something to be 'felt and experienced' rather than just read and learnt as Newton did not 'learn' about gravity from books but 'experienced' the apple falling upon his head that led him to discover the Law of Gravity. He informed the members that the 'Tinkering Lab' had proper equipment to facilitate experimentation, a perfect ambience where, in the company of peers

with the same interests, it would further speed up the learning process. The guides and lab assistants in the Lab ensure the safety of the students, avoid mishandling of tools and equipment and answer the queries of the students.

Prof. Raghavendra informed the members that we are trying to set up Centre of Excellence in important technology areas and Daikin Air-Conditioning India Pvt Ltd is the starting point. The Incubation Centre is already available and faculty should guide students to work on projects leading to incubation and commercialization. The Vice-Chancellor spoke about the Revision of Faculty Appraisal Form with a flexible format to exploit the full potential of the faculty. This is under process. Regarding 'Student Profile' he said that every student should have a profile where his/her strengths, achievements, passion, skills, hobbies goals etc. are captured, apart from just a CV, as this would help the faculty in shaping the student's career using his/her positive attributes and accomplishments, both academic as well as extracurricular. The FDP was organized on 2 June 2018.

- Prof. Swaran Ahuja, Dean Academics, delivered a session on 'Curriculum Structure'. He discussed the salient features of the model curriculum of AICTE and NCU's BTech programmes which broadly aligned with AICTE along with additional features. He mentioned that SOM programmes had also adopted certain best practices from AICTE/UGC. Prof. Ahuja highlighted NCU's approach, modules of the two week induction programme and shared the proposed credit structure with the members of the faculty. It was highlighted that through these initiatives NCU's effort is always to stay ahead of the competition. The talk was delivered on 1 June 2018.
- Prof. Amitava Sen Gupta, Honorary Distinguished Professor & Mentor, RDIL, gave a presentation on 'Navigation using Indian Constellation NavIC'. He introduced the basic principles of satellite navigation and the basic requirements for a Satellite Navigation Receiver. He explained the critical need for using Atomic Clocks on-board navigation satellites and the satellite navigation systems presently operational around the world. The lecture was held on 7 June 2018.
- Major Gen CM Seth (Retd) conducted a session on 'Soft Skills' and the

key aspects that must be remembered for effective communication. He spoke on the various modes of communication viz., written, verbal, public speaking and one-on-one communication. He stressed on keeping the language simple, crisp and understandable and the main motive should be to cater to the audience. The FDP was organized on 4 June 2018.

Major Gen CM Seth (Retd) shared his views on 'Dependability and Time Management'. Influence of thoughts on our daily lives and decision making was discussed and it was highlighted that a person's thoughts play a significant role in shaping his/her destiny. A session on meditation was conducted and the stress levels of the participants were measured. The FDP was conducted on 5 June 2018.

Rankings



Ranked No.1 amongst Top Engineering Colleges in Haryana and Ranked No.3 amongst Top Engineering Colleges of Eminence in India in the CSR-GHRDC Ranking Survey 2018 published in the July 2018 issue.



School of Law NCU, Ranked No. 9 amongst Top Law Schools of Eminence, All India and No. 1 in Haryana by GHRDC Law Schools Survey June 2018.



The NorthCap University was ranked No.1 Engineering College in Delhi & Haryana and No. 55 All India in a survey of India's Top Professional Colleges by Outlook in their June 2018 issue.

International Yoga Day

NCU celebrated the fourth International Yoga Day on 19 June 2018 by organizing a special yoga session in which all students, faculty and staff of the University, along with the Pro-Chancellor, Prof. Prem Vrat and the Registrar, Col. Bikram Mohanty (Retd) learnt some basic yoga 'asanas'. The main aim was to raise awareness and ignite a passion for fitness and yoga among the members. Yoga is supreme harmonization of physical, mental, psychological and spiritual aspects of an individual. By practicing simple 'asanas' one can help dispel stress, tension, fear etc.

Members learnt various 'asanas' such as Sukshma Vyayam (subtle exercise) followed by Surya Namaskar and Yog Nidra. In another session students started by chanting 'Om' and performed 33 rounds of Surya Namaskar in 35 minutes followed by guided meditation. The 'asanas' were performed under the guidance of Mr Madhav Goyal, certified by Ministry of AYUSH and a Level 2 Yoga Trainer.

Speaking on the occasion Prof. Prem Vrat said, "Yoga is an age-old tradition of India with tremendous health benefits. It enhances both the mental and physical well-being of the individual." He also motivated the members to make Yoga an important part of their daily routine to stay fit, healthy and realize their full potential.



World Environment Day

To encourage awareness and promote action for the protection of our environment, NCU celebrated the World Environment Day on 5 June 2018 with full enthusiasm and vigour. Speaking on the occasion the Vice-Chancellor, Prof. HB Raghavendra exhorted members of the faculty and staff to target moving towards a plastic free future. A pledge was taken to control at least one of our activities which was causing pollution and damage to the environment and nature. Saplings were planted to contribute to a greener environment by Prof. Raghavendra, Col Mohanty (Retd) Registrar, Prof. Ravindra Ojha, Director, SOET, Wg Cdr Manohar Vasudev (Retd) COE, HODs, faculty and staff. The event was coordinated by the Department of Civil & Environmental Engineering.



Internship in Virtual and Augmented Reality by Mages Studio, Singapore

To ensure better employment opportunities for the students in both the local and overseas job market, the University in association with Mages Studio, Singapore is providing six weeks of summer internship starting 4 June 2018 in

Virtual and Augmented Reality to BTech, CSE and ECE students. During the first week students presented 3D games designed and developed by them in front of a panel comprising of NCU's Vice-Chancellor, Prof. HB Raghavendra, Dean Academics, Prof. Swaran Ahuja, Dr Kavita Khanna, Head CSE&IT. The association with Mages Studio, Singapore has provided a wonderful platform to students of The NorthCap University to learn the latest technology, think out of the box and provide solutions to real world problems. Experts from Mages Studio, Singapore appreciated the innovative ideas and enthusiasm displayed by NCU students during their internship.



Swachh Bharat Summer Internship

Ministry of Human Resource Development (MHRD), Govt of India, launched 'Swachh Bharat Summer Internship – 100 Hours of Swachhata' under which college students are to perform at least 100 hours of 'Swachhata' related activities in rural areas in-between the period 1 May to 31 July 2018. 34 students from across the three Schools i.e. SOET, SOM and SOL are on internship in 19 selected villages. All participants will receive a 'Swachh Bharat Internship Certificate' along with the provision of getting two curriculum credits, on completion of this internship.



NCU students educating about swachhata in village Dhanakot

Farewell to Prof. Ravindra Ojha



A farewell function was organized to bid farewell to Prof. Ravindra Ojha, on 7 June 2018. At the time of leaving he held the position of Director, School of Engineering & Technology and Head, Department of Mechanical Engineering. He served the

University for five years and made immense contributions to the University's School of Engineering & Technology and to the Dept of ME.

Speaking on the occasion the Pro-Chancellor, Prof. Prem Vrat said that Prof. Ojha was instrumental in the signing of MoUs with reputed industries and

arranging of summer internships for students in leading MNCs and industries. He defined a system for streamlining employability assessment tests for enhancing placement of students. He headed the NCU-ASQ Chapter and facilitated a series of activities for the benefit of the students and members of the faculty. Vice-Chancellor, Prof. HB Raghavendra thanked Prof Ojha and wished him all the best in his future endeavours.

Thanking everyone Prof. Ojha said, "These five years have been a great learning experience for me. I take this opportunity to thank my guides and mentors who have helped me in my PhD work." He advised everyone to put in their best and strive towards excellence in all that they do.

QEEE Programme of IIT Madras

In a tie up with IIT Madras for the 'QEEE Programme' 250 students of all the departments of SOET attended and took the online exams for the following QEEE courses which results are awaited:

APS

- Introduction to Data Sciences

CEE

- Limit State Design of Reinforced Concrete Beams - Design of Reinforced RCC Structures
- Limit State Design of Reinforced Concrete Columns - Design of Reinforced RCC Structures

CSE

- Process Management-Operating System
- Network Security

EECE

- Discrete Time Signals - Digital Signal Processing
- Digital Signaling for Fading Channels - Wireless Communication

ME

- Gas Power Cycle - Thermal Engineering - 1
- Fits and Tolerance - Computer Aided Machine Drawing

Spoken Tutorials of IIT Bombay

The Spoken Tutorial Project is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, JAVA, Python etc. via an easy video tool. 71 students of ECE 4th Sem enrolled for JAVA and 30 students of ECE 6th Sem enrolled for Python. The workshops and online tests of these subjects were conducted in the Dept of EECE and results are awaited. Five students of ECE 4th Sem were offered internships at IIT Bombay under FOSS. The whole process was coordinated by Ms Pooja Sabherwal.



NPTEL

Ritik Kandhal (CEE) successfully completed the 12 week (Jan-April 2018) course on 'Soil Mechanics/Geotechnical Engineering'.

NavIC Lab

The NavIC Lab at the University which was inaugurated on 1 May 2018 is recording data from IRNSS satellites 24*7 and after analyzing it sending it to SAC-ISRO, Ahmedabad on a weekly basis. Research work on the following topics is planned in the NavIC Lab:

- IRNSS disciplined Oscillator
- Common view time transfer
- Positioning accuracy using IRNSS
- Time Synchronization technology using IRNSS
- Study of ionosphere using IRNSS
- Difference in positioning accuracy with and without 7th satellite IRNSS-11.

News from the School of Engineering and Technology

Department of EECE

Training Programme

A six day FDP was organized by the Dept of EECE on 'Cutting Edge Competencies' from 1-7 June 2018. The objective of the FDP was to make faculty aware of new technology areas for enhancing the teaching-learning process and self-development. The new scheme designed for the course curriculum includes subjects from new technology areas like Deep Learning, 5th Generation of Mobile Communication, Machine Learning, Software Defined Radio, Navigation using Indian Constellation (NavIC). The FDP included hands-on sessions and interdisciplinary talks by industry professionals and senior in-house members on these topics.

The programme was inaugurated by Dean Academics, Prof. Swaran Ahuja and attended by the faculty, lab technicians and research scholars of the Department. He encouraged the faculty to enthusiastically participate in the FDP, learn new skills and about new upcoming fields. Subject experts delivered lectures such as scientist Mr Sumeet Saurav, CEERI, Pilani, on 'Resource Constrained Machine Learning'; Mr Rajeev Bansal, Sr Consultant, TCS, on 'Financial Literacy'; Ms Chanda Sindhwani, Corporate Trainer, on 'Team Building'; Mr Sandeep Sharma, GM, Ericsson India Pvt Ltd, on Massive MIMO in 5G and Dr Rekha, Akhil Vishwa Gayatri Pariwar, on 'Yagyopathy'.



Mr Rajeev Bansal conducting FDP

Hands-on sessions were conducted by Dr Rishu Gupta, Sr Application Engineer, MathWorks, on MATLAB: Deep Learning and Mr Hitu Sharma, Application Engineer, MathWorks, on MATLAB: Software Defined Radio (SDR). Sessions were conducted by the Brahma Kumaris on 'Thought Process', 'Meditation and Spiritual Consciousness' and 'Enhancing Mind Power'.

Industrial Visit

- Mr Pankaj Rakheja, Assistant Professor, visited Engineers India Ltd, Gurugram, for internship feedback. Future possibility for industrial visits and internships were explored. (ECE2018O007)

- Ms Amanpreet Kaur, Assistant Professor, visited Bharat Sanchar Nigam Limited (BSNL), Gurugram, for internship feedback. Future possibility for industrial visits and internships were also explored. [ECE2018O008]

- Dr Rekha Vig, Associate Professor, visited Reliance Jio, Gurugram, to take feedback of BTech ECE student interns, Aparna Sharma and Amritansh Bakshi. She also visited RITES, Gurugram, and met student intern Vinit Jaiswal to discuss the work allotted to him and the various site visits made by him. (ECE2018O009)



Department of CSE & IT

Faculty Development Programme

The Dept of CSE&IT organized FDP on 'Machine Learning and Deep Learning', sub-areas of Artificial Intelligence, from 1-7 June 2018. The technical sessions of the FDP comprised of nine sessions which were conducted by experts such as Mr Ritwik Chaudhuri, IBM Research Lab, on 'Problem solving strategies leveraging machine learning techniques'; Mr Ravi, Brain Mentor Pvt Ltd, New Delhi, on Machine Learning and Deep Learning using Python, Tensorflow and Keras, Tensorflow basics, Graphs and variables



and using Tensorflow to build neural networks. Ms Manisha Narula, Soft Skill Trainer (Certified by SQA & NABET) spoke on 'Emotional Intelligence' and a session was conducted by Brahma Kumaris on 'Our thought process, Enhancing Mind Power, Supreme Power and Meditation, Stress Loops in Adults' in the 'Thought Lab'. The FDP was coordinated by Dr Vijendra Singh and Dr Jagdeep Kaur.



Mr Ravi, Brain Mentor Pvt Ltd conducting FDP

Faculty Achievement

- Dr Rita Chhikara, was awarded for 'Teaching and Research Excellence' by Innovative Research Developers and Publishers (IRDP) group of journals at Chennai on 30 May 2018. IRDP selected 75 professionals to receive awards in different categories from all over the world. The

purpose of these awards was to recognize, honour and encourage experts from various fields. (CSEO2018026)

- In recognition of advanced level instructor excellence and contributions to the CISCO Networking Academy Programme, Assistant Professors Ms Hitesh Yadav and Ms Neeti Kashyap, have been certified as Advanced Level Instructors. This award recognizes the achievements of the top 25% instructors globally in student feedback and performance. (CSEO2018022)



Ms Neeti Kashyap



Ms Hitesh Yadav



- Dr Jagdeep Kaur reviewed a book proposal on 'Artificial Intelligence to Solve Pervasive IoT Issues' to be published by Elsevier, in May 2018. (CSEO201803)
- Ms Jyotika Pruthi featured in HostYourVoice.org's list of 30 individuals from across India or of Indian heritage that are changing the world with their voice. HostYourVoice is a community accelerator for changemakers. (CSEO2018030)

Departmental Activity

- A Summer School for CCNA was organized under the guidance of Ms Neeti Kashyap and Ms Hitesh Yadav, Advanced Level Instructors, from 15 June to 16 July 2018. Around 55 students enrolled in this programme and on successful completion of this course they are eligible to attain the CISCO Certification for Module-1.
- The Department conducted the International Conference on Computational Intelligence and Data Science (ICCIDS) in April 2018, the proceedings of which have been published by Elsevier. (CSEO2018032)
- To ensure better employment opportunities to students in both the local and overseas job market, NCU in association with Mages Studio, Singapore provided six weeks of summer internship in Virtual and Augmented Reality to 20 B.Tech, CSE and ECE students. The training commenced from 4 June 2018 wherein students are creating solutions for the healthcare industry in Singapore using emerging technologies to gain an industry relevant portfolio. Through this internship they have got an opportunity to be mentored by experts from various countries. During the first week students designed and developed 3D models which they presented before a panel. After the initial phase of training, the teams



were divided into teams and students were engaged in live-projects, which were games where they were directly dealing with the client. The final presentation is scheduled for 13 July 2018.



Department of Civil & Environmental Engineering

Placements

The following students were placed in reputed organisations:

Yash Gupta – COWI and Prateek Kumar - Windchimes Constructions Pvt Ltd.

Board of Studies

The 10th Board of Studies meeting of the Dept of CEE was conducted on 30 May 2018. The meeting was chaired by the Vice-Chancellor, Prof HB Raghavendra and External Expert, Prof. S Krishnamoorthi. It was attended by Prof. Ravindra Ojha, DSOET, Prof. Swaran Ahuja, Dean, Academics and all faculty members of the Department. Everyone gave their valuable suggestions regarding improvement of the scheme as per the new AICTE guidelines issued in January 2018. The new scheme of study for Civil Engineering (2018-19) now incorporates more credits for project based learning and has provision for MOOCs, Learning through Tinkering and General Proficiency. (CEE20180011)



Faculty Development Programme

The Department organized an FDP on skill enhancement from 1-7 June 2018. It was inaugurated by Mr Lokesh Choudhary, Departmental Coordinator, and Dr Payal Khurana, HoD, CLL, with a brief talk on the FDP layout and the programme commenced with a Webinar on 'Top 10 rules for success' by Dr APJ Abdul Kalam. Mr Lokesh discussed the importance of FDPs in the growth of the University/Department and also upgrade the individual skills of the members of the faculty.

Expert speakers such as Ms Lipika, Client Specialist & Trainer, Westlaw, gave a talk on 'Utilization of available online resource material using the online portal WestLaw'. Westlaw is an online legal research service for lawyers and legal professional. Dr Kanupriya, HoD, SOL spoke on 'Importance of sound knowledge of Constitution and Laws' and also suggested a common ground for inter-departmental projects.

Mr Rajeev Bansal, Sr Consultant, Tata Consultancy Services, delivered a lecture on 'Importance of Financial Literacy in day to day life', Ms Chanda Sidhwani, Corporate Trainer, discussed 'Importance of a team in an organization', Mr Allan Anderson, Program Manager, Chetanalya, New Delhi gave a talk on 'Inclusivity in Society', Dr Rohit Singh Lather, Associate Professor, Dept of ME, NCU, spoke on 'Renewable Energy and Sustainable Development' and highlighted the 17 sustainable development goals which every country has to achieve by 2030. Ms Lata Singh Dasila, ICF Certified Life Coach, conducted a session on 'Social Emotional Assessment vis-à-vis Community Perspective'. Dr Rekha and Mr Gunjan Vohra, Akhil Vishwa Gayatri Pariwar, conducted a session on 'Scientific aspects of Yagyopathy'. A session was conducted by the Brahma Kumaris on 'Thought Process' in the Thought Lab followed by meditation. The Dept of CEE organized a webinar on 'Interview and Interpersonal Skills' and an inspirational movie 'October Sky'. A line from the movie "I would like to believe in the unlucky one" highlights the mentality and attitude a teacher should have towards students who are weak/slow learners. [CEE2018O013]



Session on Thought Process



Session on Financial Literacy by Mr. Rajeev Bansal, Sr Consultant, TCS



Session on Social Emotional Assessment vis-à-vis Community Perspective

Department of Applied Sciences

Faculty Development Programme

An FDP was organized by the Department from 1-7 June 2018 in which eminent speakers delivered lectures such as scientist Dr Sailesh Narayan Sharma, NPL, Delhi, on 'Nanomaterials for Photovoltaic Applications'; Scientist Mr Yogesh Adhana, DRDO, Delhi, on 'Introduction to Cryptography'; Ms Bhavna Bhira, Art of Living on 'Health and Happiness Program'; Dr Rekha on 'Science of Yogyopathy' and Dr Ambika Devi, Head, Dept of CSE&IT presented the 'One year strategic plan of Department of Applied Sciences'. Members of the faculty were informed about their targets, roles and responsibilities, and the Department's focus on major initiatives like teaching-learning processes, quality intake of students, curriculum and research. A session was conducted by Brahma Kumaris on 'Our Thought Process'.

Faculty Activity

Dr Bharti Arora, Dy Dean, RDIL attended 'University & College Educators Conference on Values & Spirituality for Empowering the Self' organized by Education Wing of Rajyoga Education & Research Foundation, Mount Abu, Rajasthan, from 18-22 May 2018. The conference focused on the issues and challenges in teaching the young generation in universities and colleges. Mr Manish Sisodia, Dy Chief Minister, Govt of Delhi, the Chief Guest at the inaugural session, discussed about the key issues in teaching and learning in Higher Education. The idea of the Thought Laboratory was appreciated by him and other eminent participants across India including Prof. HM Maheshwaraiah, Vice-Chancellor, Central University of Karnataka, Prof. SP Singh, Vice-Chancellor, University of Lucknow. The conference also highlighted that value education acts as a foundation for educating young minds. (APS2018CA001)

Department of Mechanical Engineering

Faculty Development Programme

The Dept of ME conducted an FDP from 1-7 June 2018 to attain in-depth understanding about pedagogy of teaching Engineering and enhancing the research capabilities of faculty members. Members of the faculty had interactions with eminent people from the industry and academia. The interactive sessions helped them to gain firsthand experience from the learned experts. It also helped the faculty understand the importance of effective teaching, student centric learning processes and how to prepare quality research proposals for various ministries in the field of science and technology. Eminent speakers delivered lectures such as Mr Rajeev Bansal, Sr Consultant, TCS, on 'Financial Literacy'; Scientist Dr Sailesh Narayan Sharma, NPL, Delhi, on 'Nanomaterials for Photovoltaic Applications'; Dr Sanjeev Kumar Bakshi, Thapar University, on 'Arithmetic by using Vedic Mathematics'; Ms Chanda Sidhwani, Corporate Trainer, on 'Team Building'; Dr Arjyajyoti Goswami, Dept of ME, NCU, on 'Fabrication Methods and Applications'

A session was conducted by Brahma Kumaris on 'Our Thought Process, Enhancing Mind Power, Supreme Power and Meditation, Stress Loops in Adults'; and Dr Rekha, Akhil Vishwa Gayatri Pariwar, on 'Yagyopathy'.



Faculty Activities

- Dr Pramod Bhatia, Head, Dept of ME delivered an expert lecture on the topic 'Application of CFD in Neuroscience' in the Faculty Development Programme (under TEQUIP III sponsored by AKTU, Lucknow) at ABES Engineering College, Ghaziabad on 7 June 2018. The talk was attended by 30 participants. Dr Pramod Bhatia was felicitated with a certificate and a memento as a token of appreciation. (MED20181003)



Value Added Courses

Special Software Package Course MEV 220, was conducted for 2nd Year students. Three modules of ANSYS software package were covered in the course conducted from January to May 2018 and was attended by 76 students. A total of 75 students successfully completed the course.

Centre for Languages Learning

Faculty Development Programme

An FDP on 'Emerging Trends in Teaching and Learning' was organised by CLL from 1-7 June 2018. The programme started with the inauguration, followed by a motivational video of Dr APJ Abdul Kalam's 'Top 10 Rules for Success'. A Session was conducted by Brahma Kumaris on 'Our Thought Process, Enhancing Mind Power, Supreme Power and Meditation, Stress Loops in Adults'. Eminent speakers delivered expert lectures such as Mr Rajeev Bansal, Sr Consultant TCS on 'Financial Literacy'; Ms Chanda Sindhwani, Corporate Trainer, on 'Team Building'; Dr Rekha on 'Yagyopathy', Mr Allan Anderson, Programme Manager, Chetanalaya, New Delhi on 'Educating Young Minds:



Working towards Social Inclusivity'; Ms Praneet Kaur, Health and Happiness Programme, Art of Living on 'Capacity Building and Team work'. CLL organized webinars on 'Critical Communication Skills' by College of Continuing Education, University of Minnesota and on 'Interpersonal Skills and Interview Skills'. CLL also arranged a movie screening of 'The Marva Collins True Story-Great Teacher'. The effective videos, impressive presentations and real time examples had immense effect on the participants. The FDP was coordinated by Dr Divyabha.

News from the School of Management

Faculty Development Programme

A Faculty Development Programme was organized by SOM from 1-7 June 2018. Dr Sushmita B Waraich, Associate Professor, delivered lectures on 'Mentoring Relationship & its Implementation' (for students); 'Group Work – Designing a strategy for student mentoring at SOM'; 'Presentation by Groups on Mentoring' and 'Relevance of Liberal Arts in Education'. Lectures were delivered by Prof. Prem Vrat, Pro-Chancellor on 'Quality check for PhD'; Dr AP Dash, Dean, SOM on 'Writing a brief case study – Individual assignments' and 'Reengineering Management Education through Balanced Score Card'; Dr M Gopaliya, Dy Dean, NCU, on 'Grading System'; Mr DMR Panda, AGM, NTPC on 'Instructional Design'; Dr Girish Tripathi, Dy Director General (Academic), NTPC School of Business, on 'Application of Regression Analysis in Research'; Prof. J Mitra, Former Dean FMS, University of Delhi on 'Case development and case teaching'. There was a session by Brahma Kumaris on 'Our Thought Process, Enhancing Mind Power, Supreme Power and Meditation, Stress Loops in Adults'. Board of Studies (BOS) meeting was held on 5 June 2018. It comprised of external experts/senior professors from SRCC, University of Delhi; MDI, Gurugram and student invitees from D-School, University of Delhi. The objective of the BOS was to update the curriculum of the programmes in SOM i.e. BCom (H), BBA, BA Eco (H) and MBA in order to align it with the requirements of the industry as well as that of higher education. Few highlights of the review were: addition of courses in Liberal Arts, computer labs to hone computer related skills, e-commerce and general proficiency.



Consultancy Project

Through the initiative of Dr AP Dash, Dean, SOM, the School has bagged eight modules of MDP from Giriganga, an affiliate of Teesta Urja Ltd (TUL), Sikkim. The first module was conducted from 25-28 June 2018 on 'Managerial Skill for Decision Making'. The programme was held on-site for 50 engineers, from several departments, with experience ranging from 8 to more than 20 years. The sessions were conducted by Dr AP Dash and Dr Sushmita B Waraich, Associate Professor. Dr Dash took sessions on Essentials of Management, Managing Complex Organisations and Meeting Business Challenges. Dr Sushmita took sessions on Critical, Logical & Design Thinking, Conflict



Handling and Negotiation Skills. Based on theoretical concepts, the sessions included fun-filled activities such as games, role plays, exercises, case studies etc.

New Faculty

Dr Ambika Prasad Dash joined the Department as Professor and Dy Dean-MDP, School of Management. He is also the Officiating Dean, SOM. We welcome him to the University.

Student Speak



Satyarth, BBA-LLB (H)
Class of 2018
Legal Officer, Echelon India
Salary Package over Rs 14 LPA

I am extremely delighted to share the 'big news' of being placed at Echelon India, a culmination of the last five years' constant evolution of learning, perseverance and seizing opportunities. Altogether I had an amazing experience sitting through and securing this job during placement drive at Echelon India, and it was quite challenging at times. Emerson, the great thinker and writer said, "Life consists in what a man is thinking of all day." If you think of success, you create a climate in which success is probable but if you think failure, you set the stage for it.

Looking forward to start a new phase of life and my first professional stint. Beyond words can express, I shall always be thankful to my parents, The NorthCap University and members of faculty of School of Law who constantly motivated and supported me throughout my journey.

News from the School of Law

Faculty Development Programme

A Faculty Development Programme was organized by the Centre for Post Graduate Legal Studies (CPGL), SOL from 1-7 June 2018 for the all-round development of members of the faculty and young researchers. It aimed at inculcating the spirit of Capacity and Team Building, Social Emotional Assessment and Community Perspective, Social Inclusivity, Dependability as well as Refining the Thought Process etc. so that all these methods can be utilized as a step towards enhancing the future of student's in a better way. Subject experts delivered lectures such as Ms Lipika, Client of students Specialist & Trainer on 'Optimum utilization of available online resource materials in research'; Prof. GS Bajpai, Registrar, NLU, Delhi, on 'Drafting of Legal research proposals and insight of appropriate funding agencies'; Ms Lata Singh Dasila, ICF Certified Life Coach, on 'Social Emotional Assessment vis-à-vis Community Perspective'; Mr Anurag Arya, Superintendent of Police, Kanpur East, on 'Maintenance of Law and Order situations: Case analysis of ground realities'; Mr Allan Anderson, Programme Manager, Chetanalaya, New Delhi, on 'Educating Young Minds: Working towards Social Inclusivity' and Ms Parneet Kaur, Visiting Faculty, NCU, on 'Capacity Building and Team Work'. There was a session by Brahma Kumaris on 'Our Thought Process' in the Thought Lab.



News from the School of Professional Attachment (SPA)

Vivo Communication Technology Co, a Chinese technology company owned by BBK Electronics that makes smartphones and its accessories, software, and online services, conducted its campus selection process for BTech (ECE) students on 23 May 2018 wherein three students got the final job offer.

Knowlarity Communications India Pvt Ltd is a pioneer in cloud telephony in India and creates state-of-the-art products for SMEs and other enterprises. The company conducted its campus selection process on 25 May 2018 for BTech (CSE, ECE, EEE & ME) students and three students got the job offer.

Hi-Tech Gears Ltd, a leading manufacturer of Transmission Gears, Timing Gears and Shaft etc., conducted its campus selection process on 25 May 2018 for BTech (EEE & ME) students and extended job offers to six students.

EY, a global leader in Assurance, Advisory, Tax, Transaction Advisory Services (TAS) and Knowledge services, conducted its campus selection process on 26 May 2018 for BTech (all streams) students and four students got the final offer.

Outlook, India's most vibrant current affairs and news magazine, conducted its internship selection process for Engineering students on 8 June 2018.

Agile Cockpit is a decade old Dutch based IT MNC specialized in agile based software services, agile consulting and product development across the globe. The company conducted the campus selection process on 9 June 2018 for our MBA students. Results are awaited.

Dyson, a technology and engineering pioneer and currently operates in the categories of Floor care, Environmental Control ('Air Multiplier' bladeless fans / heaters / humidifiers / purifiers), Lighting, and Professional ('Airblade' hand dryers), conducted its campus selection process on 12 June 2018 for BTech & MBA (all streams) students.

COWI, a company known for multidisciplinary infrastructure projects and bridge design, conducted its campus selection process on 16 June 2018 for BTech (CEE) students and selected one student.

Cyber Group, a leading provider of Internet / Intranet technology solutions, conducted its campus selection process on 20 June 2018 for BTech (CSE) students. Results are awaited.

Thought Focus is a privately held IT services, software engineering and

business process management firm with offices in the US, India and the Philippines. It conducted its campus selection process on 27 June 2018 for BTech (CSE) students. Results are awaited.

Navisite, a Charter Communications Company, hosting, application management and managed cloud services for enterprises, conducted its campus selection process on 27 June 2018 for BTech (CSE) students. Results are awaited.

Student Speak



Aman Singla
BTech, ECE
(Class of 2018)
Graduate Engineer Trainee,
AVL India Pvt Ltd

It all started in July 2014 when I joined the EECE programme at The NorthCap University with an ambition of getting placed in a reputed MNC like AVL India Pvt Ltd and by Dec 2017 it has come true. Getting rejected by previous companies and still showing up for the next company with a smile is a very painful thing but with the continuous support provided by NCU, SPA, members of the faculty and my family I somehow managed it and the ending now is

fabulous. AVL is a market leader and is, therefore, a great start for me to enter into the corporate world.

After being shortlisted, we were invited to the company for the placement process which started with an aptitude test consisting of technicalities of CS, EC and ME. This was followed by the interview, which was purely technical, and then the final HR round. I cleared all the hurdles and got placed at AVL. It was a journey having many ups and downs but it will always remain close to my heart.

Research Papers Published

Book Chapters

International

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- ❑ **Preeti Chawla** (2017) 'Goods and Service Tax: Regulatory Albatross or Herald for Progress', All India Commerce Conference, pp. 127, **SOM2018P002**.
- ❑ **Preeti Chawla** (2017) 'Cash, Cash-Less or Less-Cash: A Distinctive Equilibrium for Every Economy', All India Commerce Conference, pp. 75, **SOM2018P003**.

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- ❑ Rakhi Nangia, **Neeraj Kr Shukla** and **Ambika Sharma** (2017) 'Preparation, Structural and Dielectric Properties of Solution Grown Polyvinyl Alcohol (PVA) Film', IOP Conference Series: Materials Science and Engineering, Hyderabad, **ECE2018C001**.
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- ❑ **Archana Sarma** (2018) 'Addressing False Charges in Criminal Justice System: Issues and Challenges in India', National Conference on Wrongful Prosecution: Rights, Protection and Assistance, KL Arora

Chair in Criminal Law and Centre for Criminology and Victimology in association with Indian Society of Victimology, **SOL2018C003**.

Note: * for Corresponding Author

CALL FOR PROPOSALS

S.No	Call for Proposal	Last Date
1.	AICTE- All India Council for Technical Education - National Doctoral Fellowship Scheme 2018	10 June 2018
2.	Malaysian International Scholarship (MIS) 2018	30 May 2018
3.	DST -Department Of Science & Technology: Call for Biomedical Device and Technology Development (BDTD)-TDT Division	15 June 2018
4.	DST -Department Of Science & Technology: Call for State Science and Technology (SSTP)- 2018-19	31 June 2018

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



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

- ❑ Prof. Prem Vrat was invited by the Chairman, Haryana Higher Education Council, Haryana to address delegates on the theme 'Human Values in Higher Education' on 1 June 2018 at DCRUST University, Murthal, Sonapat. The delegates comprised of VCs, Deans and Chairmans of BOS of State Government universities.
- ❑ Prof. Prem Vrat chaired the 1st meeting of Board of Governors (BOG) of the Women Institute of Technology (WIT), Dehradun, on 8 June 2018 at WIT, Dehradun.
- ❑ Prof. Prem Vrat attended the Higher Education Technology Conference 2018 on 21 June 2018 at Hotel Leela, Ambience Mall, Gurugram.
- ❑ Prof. Prem Vrat reviewed a paper entitled 'Technology and Manufacturing in China before the Industrial Revolution and Glimpses of the Future' for possible publication in POMS journal of USA.

*"Education is the most powerful weapon
which
you can use to change the world."*

- Nelson Mandela

From the Vice-Chancellor's desk

HEI Ranking System – Sector Specific University



In recent times Higher Education Institutes (HEI) are being established by many public and even private sector companies bearing sector specific tag e.g. Petroleum, Infrastructure, Communications, Health, Textiles and Skills etc. India needs HEI and skilled manpower in specific sectors which is obvious and thus sector specific universities to encourage excellence. Then, as seen over a short period, they diversify into other areas and these universities which are expected to become Centres of Excellence in their sector end up adding to university numbers thereby defeating the objective and not serving the purpose of creation of skilled manpower, research & development interest. It is also pertinent that the ranking awarded to universities by different agencies quantify achievement rather than recognizing fulfillment of objectives of establishment. This is encouraging the competition to be listed among elite by becoming big which can add to their quantity in terms of research output, outreach and so on. This raises a serious concern about sector specific institutions and their enactment process. Nevertheless, small universities are also doing well and serving the societal cause and contributing to creation of manpower even before embarking on the rank culture in education.

The latest HEI ranking by NIRF and other premier organizations for the year 2018 reveals that some sector specific institutions though doing much better than others, are not listed in these rankings because of their size, limited outreach & research accomplishments serving a particular sector. Quantity in terms of numbers might not be adequate in spite of good show and real service to the society. There are several institutions advertising their position depending on their ranking to attract students from all over the country. It is quite natural for HEIs to harness public perception through these rankings as the mandate of the Government of India is to have some of these universities in the World Ranking by 2020. The careful observation of the ranking pattern indicates that barring a few common names in the private sector, it is highly varied as per the parameters and data interpreted by surveying agencies.

It is pertinent that in the absence of a measurable scale in its own area any sector specific HEI can't continue to serve its own sector as this could not bring them visibility and required accreditations as the process of recognition of HEI is common and mandated by the Government. In reality, HEI serving a real particular cause might seldom get a place in this highly competitive elite ranking process because of size and number required to be listed on various parameters. This encourages sector specific universities to diversify and try to match the competition. Outreach activities of any HEI to an extent would depend on the number of students and the number of programmes they have. With these limitations the sector specific universities are slowly trying to diversify and thus there is always a threat of shifting the focus and compromising the objectives of their creation. It is high time for the Government to pay attention to such issues which would really help HEI to focus on their objectives and become Centres of Excellence.

It is also always discussed on many platforms of higher education that universities are to be universal and not to be limited to any specific discipline and the concept of sector specific university itself is under debate. However, it is seen from experience that a Centre of Excellence would emerge in a specific discipline by the concerted efforts of a group of faculty/scientists working on a focused specialty. It is to be noted that premier Higher Education Institutions which are known to impart good education are generally recognized in a particular discipline while still offering a large number of other programmes. This reinforces that there is definitely scope for establishment of sector specific or discipline centric HEI/ University to achieve objectives of skilled manpower and tangible outcomes of research in that discipline. It is always true that application specific focused effort brings tangible outcomes much faster as per current requirement.

The above discussion leads to an understanding that to really create Centre of Excellence in specific sector to harness total tangible outcomes through skilled manpower and applied research the HEI are one of the options cutting the time for R & D. Now comes the tweaking our HEI regulatory and Ranking system to allow these HEIs/ universities to develop and grow serving their specific objectives. Government of India and MHRD while going for such sector specific objectives to achieve specific time bound outcomes have to include necessary clauses in the HEI categorization process to make it robust and applicable to all categories of HEIs.

Prof. H B Raghavendra



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