

# Newsletter



Vol. 50 December 2015



## THE NORTHCAP UNIVERSITY (FORMERLY ITM UNIVERSITY, GURGAON)

### NCU Activities

#### University awarded degrees to its students at the Annual Convocation Ceremony



The University held its fourth Annual Convocation Ceremony for various undergraduate and postgraduate courses on 21 December 2015. The ceremony was a memorable one for the students and was presided over by the Chief Guest Shri Balmiki Prasad Singh, IAS (Retd), Ex-Governor Sikkim, Former Union Home Secretary and Executive Director, World Bank. The Pro-Chancellor, Professor Prem Vrat and the Pro Vice-Chancellor, Brig (Retd) SK Sharma conferred the degrees followed by Shri Balmiki Prasad Singh who presented the awards to the meritorious students. In his convocation address, Shri BP Singh appreciated the facilities and support provided to the students in different streams of study. He was glad to see the level and quality of education provided by the University.

A total of 897 students were awarded degrees in their respective disciplines, including 629 from BTech, 140 from MTech, 31 from BBA, 47 from MBA and 12 from LLM. The first two PhD scholars from the University were also awarded degrees during the Convocation. Gold, silver and bronze medals were awarded to 37 students, who topped the list in their respective streams.



Earlier, amidst the chanting of mantras the convocation started with the academic procession. Later, the Pro Vice-Chancellor, Brig SK Sharma (Retd) presented the Annual Report of the University and mentioned that the University has consistently been ranked No. 1 University in Haryana, North India and NCR by leading surveys and ranking bodies.

#### Annual Scholarship Distribution Ceremony held at the University

The University held its Annual Scholarship and Fee Concession Distribution Ceremony on 16 December 2015 and awarded scholarships on merit and means basis to deserving students. The ceremony was graced by the presence of Prof. Ranbir Singh, President of Association of Indian Universities (AIU), and Vice-Chancellor, National Law School, Delhi as the Chief Guest.

Students from all the three Schools of the University participated in Scholarship Distribution ceremony. Prof. (Dr) Ranbir Singh distributed the Scholarship awards to the outstanding scholars and students of Dean's List, while the Pro-Chancellor, Prof. Prem Vrat presented the fee waiver awards to the students on merit and means basis. Presenting the awards, Prof. Singh appreciated support provided to the students through the scholarships.



A total of 222 students from the Schools of Engineering, Management and Law were provided Scholarships amounting to over Rs. 1.6 crores. Earlier, the University staff and students accorded a warm welcome to Prof. (Dr) Ranbir Singh on his arrival at the campus.

## University signs agreement with Mitsubishi Electric India for student training

THE NORTHCAP UNIVERSITY entered into an agreement with Mitsubishi Electric India Private Limited (MEL), a well-known brand and global leader in electric and electronic equipment for residential, commercial and industrial use, in a bid to align its teaching and training process with the best of industry practices.

The Memorandum of Understanding was signed by Col Bikram Mohanty (Retd), Registrar, NCU and Mr Makoto Kitai, Managing Director, MEL with Mr Pradeep Rohilla, Asst Professor, Dept of Mechanical Engineering as the coordinator from NCU.

The objective of the agreement is to establish collaboration between the University and MEL to spread awareness about automation amongst engineering students and provide training to them. As a part of the MoU, MEL will supply the Mitsubishi FA training equipment to NCU for demonstration, learning and training purposes. MEL has provided software for simulation and programming of training equipment which will be used for student training and demonstration. They will also support the University in student projects and training.



## Faculty Development Programme

Six day Faculty Development Programmes on different themes and topics were organized by all the Departments of the University in December 2015. Faculty from different Departments participated in the FDPs and learned from the insights of the eminent speakers. The aim of this workshop was to motivate and inspire the faculty members in academics. Interaction with the speakers was highly enlightening for the attendees.

### Department of EECE

A six-day Faculty Development Programme was organized on 14, 15, 19, 22, 23 and 24 December 2015 for the faculty members of the Department. The theme of the FDP was Latest Trends in Industry and Research. The FDP covered lectures on diverse aspects including talks on emotional intelligence, smart cities and sustainable development, satellite communication trends and its growth, challenges in industries, smart grid & grid integration of large capacity renewable energy sources, optical wireless communication: challenges and solutions, basics of electronic warfare, latest technology trends in IP multimedia system, etc. by eminent professors from NCU, IIT Delhi and experts from industries. The programme also included software training of image processing tool box in Matlab by Matlab experts. The programme was very informative for all to know the latest trends of industry as well as academics in order to bridge the gap between the two. [ECE2015WO12]



### Department of CSE&IT

A six-day Faculty Development Programme on 'Emerging trends in innovative education delivery' was held at the Department of CSE&IT during 7-14 December 2015. The FDP aimed to provide opportunities to faculty members to enrich their teaching skills and research in the field of emerging industry expectations from Computer Science Engineering, emerging trends in teaching pedagogy, role of research & development (R&D) in delivery of quality education, report writing, quality of BTech projects and value added courses etc. The FDP was attended by 35 faculty members of the Department of CSE&IT.

Dr Latika Singh delivered talks on Emerging Trends in Teaching Pedagogy and flipped classrooms. Dr Divya Sharma delivered an interactive lecture on Emerging Industry Expectations from Computer Science Engineering. Achievements of IIIC (Industry Institute Interaction Cell) were also discussed in the FDP. Dr Prachi Ahlawat and Dr Divya Sharma focused on Good Quality internship. An enlightening lecture on Trends and innovations in student assessment techniques was delivered by Ms Meghna Sharma. An informative lecture on Role of research and development in delivery of quality education was delivered by Dr Supriya P



Panda. Dr Usha Batra delivered a talk on emergent learning strategy i.e. Microlearning known for quickly closing skill and knowledge gaps. She also discussed about insights on BTech Major Projects. Dr Deepti Gaur presented on the topic Quality of report writing. Dr Akansha Singh focused on Innovative education delivery of VA courses. Dr Yogita Gigras explained Innovative Technologies & Trends in Cyber Security.

The sessions were very informative and benefitted the participants as the topics matched the current working domain and latest information. Participants were enlightened with the most widely used advance technologies. [CSE2015FO001]

### Department of Mechanical Engineering

A Faculty Development Programme was organized by the Department for faculty members and associated technical staff member from 19-24 December 2015. The FDP was based on the Analysis Software ANSYS, having three major modules – Mechanical, Computational Fluid Dynamics and HF (Electronics). The FDP was organized in order to upgrade the faculty members for research and to take up a regular audit course for 4th Semester Mechanical Engineering students. The training was conducted by professional trainers from ANSYS, Inc. and coordinated by Dr Pramod Bhatia, Mr Deevesh Sharma and Mr Abhishek Pratap Singh. [MED2015FO001]

### Department of Civil and Environmental Engineering



A six-day Faculty Development Programme was organized by the Department during 14-19 December 2015. The FDP comprised a number of events like expert sessions by the faculty mentors, senior professors, external and internal faculty members, excel training sessions, industrial visits, and an extensive two day workshop on 3D Max software.

The FDP included lectures on design of a pumping main and research methodologies pertaining to environmental studies by Prof. PK Swamee, and training on advanced excel software by Dr Amit Srivastava. During the FDP, the faculty members also made an industrial visit to the Unitech Signature Tower II & III construction site. Other sessions at the FDP included lectures on personality assessment techniques by Ms Perna Chauhan from CLL, on air pollution by Prof. Pramila Goyal, on modern construction techniques and practices by Mr Ashok Garg from Engineers India Limited (EIL) and a workshop on 3D Max software conducted for all faculty members through CADD Centre Dwarka. [CEE2015FO002]

### Department of Applied Sciences and Centre for Languages Learning

A six-day Faculty Development Programme on Effective Teaching and Learning was organized by Dept of Applied Sciences and Centre for Languages Learning during 14-22 December 2015 which was attended by 27 faculty members of APS and CLL. Eminent academicians delivered expert lectures on varied topics. Prof AK Yadav talked on Enhancing

Student Engagement-An Interactive Session while Prof. Kehar Singh delivered a lecture on Laser Speckles: Basics and Applications. Ms Shivani took a session on Listening and Interpersonal Skills. Honorary Distinguished Research Professor IK Verma delivered a lecture on Biodegradable polymers and Prof Sushil Kumar Jain presented his study on Uncertainty in Measurements and its Importance. Prof. Prem Vrat in his lecture on Improving Teaching and Research Effectiveness through ICT enabled learning briefed the participants about the powerful impact of ICT in teaching and learning process. Ms Perna Chauhan conducted a session on Basic Assertion Skills. Prof. RB Bapat, ISI Delhi and Prof. VD Sharma, IIT Bombay gave lectures on how to introduce topics to students and how to make them interactive. The organizing team comprised Dr Sunanda Vashisht, Dr Pranati Purohit and Dr Divyabha. [APS2015FO001]



### School of Management

School of Management organized a Faculty Development Programme on Developing World Class Teaching Competencies: A New Perspective from 11-17 December 2015. Resource persons during the FDP included Ms Jiveta Chaudhary, Prof. DR Agarwal, Dr Ruchi Nayyar, Dr Shilpa Sindhu and Mr Deepak Sharma. The speakers covered different topics like moderation process for grading of students, how to write a teaching case, plagiarism and introduction to database, familiarization to OTMS and least square estimation. The coordinators of the FDP were Ms Karishma and Ms Parul Munjal. [SOM2015FO001]



### School of Law

With an aim to analyse and discuss contemporary legal issues, School of Law organized a 5-Day Faculty Development Programme from 14-18 December 2015. Mr BK Gupta, Director, SPA, NCU; Prof. Pushpesh Pant, Professor & Dean, NCU Law School; Ms Chandrakala Chauhan, Dy Librarian, NLU, Delhi; Prof. Saligram Bhatt, Professor Emeritus, NCU Law School and Dr Rahul Nikam, Asst. Professor, NCU Law School delivered lectures on various contemporary legal issues during FDP.

Mr BK Gupta discussed on 'Changing paradigms of industry oriented

education system' pointing out essential elements which must be incorporated in the contemporary legal education for making students well versed with the substantive law and prepare them to interact with the industry. Prof. Pushpesh Pant spoke on 'Emerging trends in criminology in India' giving an insight of the recent development in the criminal law. He discussed issues which are in the forefront and a cause of concern for entire legal fraternity. Ms Chandrakala Chauhan talked about 'Turnitin and plagiarism' providing intricacies of anti-plagiarism software Turnitin and purpose of plagiarism in legal research. Prof. Saligram Bhatt talked on 'Sustainable development in Haryana' and explained the significance of sustainable development and environment protection. He shared his views on how to bring sustainable development without hampering the economic growth especially focusing on Haryana. Dr Rahul Nikam lectured on 'Space law and its intricacies' and apprised the faculty members with a very nascent and emerging area of law. He discussed the content and jurisprudence of space law sharing his experience of working at space centre of India.



## News from the School of Engineering and Technology

### Department of EECE

#### Departmental Activities

- As briefly reported earlier, Ms Mona Aggarwal, Assistant Professor participated in Research Opportunities Week (ROW) held from 26-30 October 2015 at the Technische Universität München (TUM), Germany. Ms Aggarwal received a Postdoc Mobility Travel Grant of 1000 euros including travel expenses, accommodation etc. The ROW is held once a year where 50 international postdoc candidates are given the opportunity to gain first-hand insights into the research opportunities at TUM, Germany.
- Prof. ML Kothari visited the Department for mentoring the faculty on 22 December 2015. Prof. Kothari is Emeritus Fellow of Department of Electrical Engineering, IIT Delhi. Faculty members discussed their research areas and methods to improve their teaching skills with him. Mr Mandeep Singh coordinated the mentoring meeting.
- Prof. Ved Prakash Sandlas, Distinguished Scientist and Former Chief Controller (R&D) DRDO; Project Director-Satellite Launch Vehicle, Vikram Sarabhai Space Center-ISRO visited the University on 23 December 2015 for mentoring the faculty. He discussed about the research areas of the mentees and guided them on improving their teaching skills. The meeting was coordinated by Ms Amanpreet Kaur.



### Department of CSE and IT

#### Departmental Activities

- The Department organized a two-day workshop on Android App Development on 22 and 23 December 2015 in which 12 faculty members and 3 students participated. During the workshop, the participants learned about different issues related to Android App development and its deployment. The event was coordinated by Dr Akansha Singh and Ms Neha Sahu. [CSE2015W010]



#### Industry Institute Interaction Cell Activities

- Mr Anuj Saini, Head IT from ANNIK visited the Department on 15 December 2015 and interacted with Dr Latika Singh and IIC exploring opportunities for joint projects, placements and research in big data analytics. The interaction turned out to be very fruitful and satisfactory.
- Protinus Infotech Pvt. Ltd had conducted a session for project on their newly launched mobile wallet 'Trupay' on 9 December 2015. Three members, including co-founder of the company, Mr Narender Kumar visited the Department and floated the opportunities for the students to work on their mobile wallet to make some android/ios application. Dr Meena Kumari, Dr Prachi and Ms Anuradha attended the briefing session along with the 3rd year students. Five students of 3rd year have been identified for the sponsored project.
- The Department has signed MoUs with Protinus Infotech Private Limited, Gurgaon and Ingeniocity, Noida providing technical and process based solutions to different segments of industries. Under the MoUs, students will be taken as summer interns and joint projects would be undertaken.
- IIC organized stipend based Summer internship for three students in vDoIT Technologies Private Limited, Gurgaon; for four students in Protinus Infotech Private Limited, Gurgaon and for two students in Doctor Insta, Gurgaon.
- Mr Praveen Dahiya, Director Netrika made a visit to the Department on 17 December 2015 to explore opportunities for joint projects and summer internships for our students.

### Department of Civil and Environmental Engineering

#### Departmental Activities

##### SRC Meeting

Research scholars' progress evaluation meeting (SRC) of five PhD students was held on 18 December 2015. The progress of the research scholars was found satisfactory. Pre-PhD seminar was conducted for three research scholars, Ms Vaishali Shau, Ms Anju Bala and Ms Geetha Varma V. Ms Monica Rani Malhotra defended her research proposal which was approved by the SRC.

## Procurement of software PLAXIS 2D

The Department has procured PLAXIS 2D software for two dimensional analysis of deformation and stability in geotechnical engineering. It was procured under project titled 'Experimental and numerical study of a single pile capacity adjacent to existing buried pipe system' sanctioned by DST (WOS-A). The training for the software was held on 22 December 2015 by RAM Caddsys Pvt. Ltd, Chennai.



## Faculty Activities

On 10 December 2015, Dr Amit Srivastava, Associate Professor & Head, Department of Civil & Environmental Engineering attended one day workshop on National Institutional Ranking Framework (NIRF) organized by Eloit Innovations Pvt. Ltd. The workshop helped in understanding the new methodology for ranking of Engineering & Management Institutions of India. By NIRF, the HRD Ministry intends to publish a rank list of all the universities, Engineering and MBA colleges in India.

## Department of Mechanical Engineering

### Departmental Activities

#### Industry Interactions

- ❑ Prof. Ravindra Ojha and Mr Lalit Upadhayay visited M/s Goodyear Pvt. Limited, Faridabad on 02 December 2015 to meet Mr Paresh Mishra, HR-Head, Faridabad Plant to find out possibilities for future engagements with the company.
- ❑ Prof. Ravindra Ojha and Mr Lalit Upadhayay visited M/s Bharat Gears Ltd., Faridabad to evaluate the progress of projects by B Tech students.

#### Faculty Activities

- ❑ Mr Anuj Kumar Jain, Asst. Professor attended 12th International Conference on Vibration Problem - 2015 organized by Department of Mechanical Engineering, IIT Guwahati from 14-17 December 2015. [MED2015CA001]
- ❑ Ms Shilpa Mahajan and Ms Neeti Kashyap attended Cisco Instructor Training Program on CCNA Module 1 & 2 at Amity University, Noida from 7-18 December 2015.
- ❑ Dr Akansha Singh chaired a session in 5th International Conference on Soft Computing for Problem Solving (SocPros 2015) organized by Saharanpur Campus of IIT Roorkee, India from 18-20 December 2015.
- ❑ Dr Vijendra Singh has been appointed as a member of Editorial Board for the reputed journal 'Information systems', Elsevier and Journal of Next Generation Information Technology, Korea. He has also been appointed as a reviewer of International Conference on Computational Techniques in Information and Communication Technologies (ICCTICT 2016) being organized by Indraprastha University, Delhi from 11-13 March 2016.

## Department of Applied Sciences

### Departmental Activities

- ❑ Dr Sunita Sharma participated in SPIE one day workshop on Optics to celebrate the International Year of Light on 14 October 2015 held at THE NORTHCAP UNIVERSITY. The lectures by the eminent scientists were inspiring and motivated the participants to think beyond imagination in the field of Optics. [APS2015WA001]
- ❑ Preeti Yadav, research scholar in the Department of Applied Science has defended her PhD in Physics from THE NORTHCAP UNIVERSITY on 11 December 2015. She was awarded the degree during NCU convocation ceremony on 21 December 2015. She pursued her PhD on the topic 'Linear and Nonlinear Optical Properties of Ternary and Quaternary Chalcogenide Thin Films' under the guidance of Dr Ambika Sharma, Asst Prof., Dept of APS.



## News from the School of Management

### Faculty Activities

- ❑ Mr Mohd Hussain Kunroo, Asst Professor attended the EBSCO Information Services Seminar on 7 December 2015 held at Hyatt Residency, New Delhi. The main focus of the seminar was Discovery Services, eBooks and Research Databases. [SOM2015CA005]
- ❑ Dr Sushmita Biswal Waraich was invited to attend the Innovation and Entrepreneurship Summit, 2015, organized by CII at Hotel Shangri-La, New Delhi, on 14 December 2015. [SOM2015CA006]
- ❑ Dr DR Agarwal, Professor Emeritus was invited as an expert panelist in the Third International Conference on Skill Development and Technological Innovations for Economic Growth (ICST-2015) held on 28 November 2015 at IMS Ghaziabad. Dr Agarwal got an appreciation letter from the Director IMS Ghaziabad, for sharing his insights during the sessions. He also presented his research paper on the theme of the conference. [SOM2015I003]



- ❑ Ms Parul Munjal successfully completed two online courses on Coursera, i.e. Financial Markets offered by Yale University, USA with a score of 95.6% and Financial Accounting offered by University of Pennsylvania, USA with a score of 76% [SOM20150002]
- ❑ Dipanjan Goswami was awarded PhD degree during NCU Convocation Ceremony on 21 December 2015. He pursued his PhD on the topic 'Impact of Communication on Adoption of Drugs'.

## News from the School of Law

### Departmental Activities

#### First Parliamentary Debate



School of Law organized its 1st Asian Parliamentary Debate on 30-31 October 2015, which witnessed participation from 12 teams from all over the country. The event was judged by core adjudicators invited from reputed colleges of Delhi/NCR such as St. Stephens and LSR. The final round was held between NIRMA University, Ahmedabad and joint team of Jamia Milia Islamia and West Bengal National University of Juridical Sciences (WB NUJS), Kolkata. In a hard-fought final, NIRMA University emerged winners. [SOL20150003]

#### Inter-college Quiz Special

School of Law organized an inter-college quiz competition 'NORTHCAP Quiz 2K15' on 31 October 2015. 32 teams from different colleges across Delhi/NCR participated in the event. The finals were contested between 6 teams in which YMCA University of Science and Technology, Faridabad emerged winners and Amity University, Noida stood as runners-up. [SOL20150004]

#### Faculty Activities

Dr Arvind P Bhanu, Associate Professor chaired 2nd technical session during one day National Conference on 'An audit of the 10 years of Right to Information Act 2005: Issues and challenges' organized by Modern College of Law, CCS University, Meerut on occasion of Constitution Day on 26 November 2015, held at Law College, Mohan Nagar, Ghaziabad.



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

THE NORTHCAP UNIVERSITY has experienced a satisfying placement session for all the three schools of the University in this calendar year. TCS being one of the prominent hiring partners of the University has offered the highest record placements for 172 students. Other prestigious companies e.g. Deloitte, EY, CB&I, Sapient, Gemini Solutions have given offer letters to our students from different streams.

- ❑ CB&I, a dream organization for core branches of engineering visited the University on 11 December 2015 for on-campus placement drive and made offer to five students. CB&I was inceptioned 126 years ago in US and has bagged many international major projects since then.



- ❑ General Street conducted a placement drive for Management students on 10 December 2015 and offered placement to two students.
- ❑ SMS-Siemag a renowned organization based in Gurgaon conducted a session of their placement drive on 21 December 2015, for which results are awaited.
- ❑ Honda Cars Pvt. Ltd. conducted a placement drive for our students in their office on 21 December 2015 of which results are awaited.
- ❑ AuthBridge Research Services Private Limited, a decade old IITian startup, has made their maiden visit to the University for an on-campus placement drive on 22 December 2015 and has offered placement to one student.
- ❑ Mr BK Gupta, Director SPA addressed the senior students of Salwan Public School, Gurgaon on 30 December 2015 on the topic 'Career in Engineering'. The session was appreciated by the students who were enthusiastic and also curious to know about career opportunities beyond engineering.
- ❑ The Department of Civil and Environmental Engineering congratulates the following students of the final year on their placement:
  - Mr Vishesh Arora placed in CB&I
  - Mr Brighu Joshi placed in CB&I
  - Mr Inder Singh Chaudhary placed in AuthBridge Research Services Private Limited

## Research Papers Published

### Book Chapters

#### National

- **Archana Sarma** (2015) 'Commutation of Death Penalty in India: Revisiting the Death Row Phenomenon' in Human Rights Challenges: Issues and Perspectives, Chapter 1, pp. 1-10, Rajiv Gandhi National University of Law, Patiala, ISBN - 978-93-84166-08-3, **SOL2015BC001**.

#### Journals

##### International

- **Nutan Sharma, Tejpal Singh, Manish Jain and Sunita Bhagat** (2015) 'Synthesis Of Novel Fused 1, 2, 4-Triazino (5,6-B) Indole Systems and Their Fluorine Containing Analogues of Biological Interest', International Journal of Advances Science and Engineering, Vol. 4, No. 1, pp. 106-116, **APS2015J018**.
- **Salman A Khan, Abdullah M Asiri, Hadi Mussa Basiri, Muhammad Nadeem Arshad and Kamlesh Sharma** (2015) 'Microwave Assisted Synthesis, Physicochemical, Photophysical, Single Crystal X-ray and DFT Studies of Novel Push-Pull Chromophores', J Fluorescence, Vol. 25, pp. 1585-1593, **APS2015J019**.
- **Nipun Verma and AK Misra** (2015) 'Bond characteristics of reinforced TMT bars in Self Compacting Concrete and Normal Cement Concrete', Alexandria Engineering Journal, Vol. 54, No. 4, pp. 1155-1159, **CEE2015J023**.
- **Supriya Raheja, Reena Dadhich and Smita Rajpal** (2015) 'Designing of Vague Logic Based Fair-Share CPU Scheduler: VFS CPU Scheduler', International Journal of Fuzzy System Applications, Vol. 4, No. 3, pp. 25-49, **CSE2015J056**.
- **Suman Sharma, Sharda Vashisth** (2015) 'Entropy analysis based differential evolution approach for emotion classification for EEG', Current trends in signal processing, pp. 40-44, **ECE2015J062**.
- **Ashu Gautam and Nidhi Sharma** (2015) 'ANN Based Direct Modeling of Permanent Magnet DCTachogenerator Sensor', International Journal of Hybrid Information Technology, Vol. 8, No. 10 (2015), pp. 163-176, **ECE2015J063**.
- **Rajesh Yadav, Neeraj Kr Shukla and Rajesh Gupta** (2015) 'All-Digital Phase Locked Loop (ADPLL) as an Intellectual Property (IP) Core for an Application-specified Integrated Circuit (ASIC) Product: A Survey', Journal of VLSI Design Tools & Technology, Vol. 5, No. 1, pp. 12-17, **ECE2015J064**.

#### National

- **Anita Sharma, Swaran Ahuja and Moin-Uddin** (2015) 'Capacity of a Cognitive Radio Channel with Rayleigh Distribution in Presence of Noise and one Interfering Signal', Advanced Research in Electrical and Electronic Engineering, Vol. 2, No. 14, pp. 23-26, **ECE2015J065**.

### Conference Proceedings

#### International

- **Phool Singh and Vikas Poply** (2015) 'Impact of free stream velocity on a permeable stretching sheet with variable heat flux', 2nd International Conference on Recent Developments in Science, Engineering and Technology (REDSET 2015), pp. 50-57, **APS2015P005**.
- **Nankita Asija, Renu Saini, Pankaj Rakheja and Mandeep Singh Narula** (2015) 'A Unique circle cipher approach using audio steganography for network security', 2nd International Conference

on Recent Developments in Science, Engineering and Technology (REDSET 2015), pp. 96-100, **ECE2015P014**.

- **Saurabh Sachdeva, Anuj Mehta and Rodica Rameer** (2015) 'H shaped Microstrip Patch Antenna for broadband 60 GHz communications', IEEE Asia Pacific Conference on Post Graduate Research in Microelectronics and Electronics (Prime Asia 2015), **ECE2015P015**.

#### National

- **Vaishali Sahu and Geetika Gandhi** (2015) 'Effective ways to management construction and demolition waste for sustainable environment', Climate Change- Need for Global Partnership, pp. 157, **CEE2015P005**.

### Conference Presentation

#### International

- **Tejpal Singh** (2015) 'Synthesis of Novel Fused 1, 2, 4-Triazino (5,6-B) Indole Systems and their Fluorine Containing Analogues of Biological Interest', 2nd International Conference on Science, Technology and Management (ICSTM-15), Conference world, **APS2015C010**.
- **Tejpal Singh** (2015) 'Nickel catalyzed microwave assisted one-pot synthesis of 2,4,5-tri substituted imidazoles', International Conference on Nascent Developments in Chemical Sciences, Dept of Chemistry, BITS, Pilani, **APS2015C011**.
- **Kamlesh Sharma and Saatvik Kaushik** (2015) 'Rational designing of the organic photovoltaic materials by computation', Advances in Electrical, Power control, Electronics and Communication Engineering (AEPCECE), Krishi Sanskriti at Jawaharlal Nehru University, New Delhi, **APS2015C012**.
- **Hukum Singh** (2015) 'Optical cryptosystem of color image using random phase masks in the fractional wavelet transform domain', ICC 2015, Dept. of Physics Govt. Engg College Bikaner, **APS2015C013**.
- **Ashutosh Pandey** (2015) 'A Displaced Probability Model for Child Mortality for fixed parity', Statistics and Related Area for Equity, Sustainability and Development In Conjunction with XXXV Annual Convention of Indian Society for Probability and Statistics (ISPS), Department of Statistics, University of Lucknow, Lucknow, India, **APS2015C014**.
- **Srishty Banerjee** (2015) 'An Analytical Study of National and International Legal Instruments for Early Childhood Education: Groundwork for Lifelong Development', International Conference on Early Childhood Care and Education, Jamia Milia Islamia University & Save the Children, **SOL2015C014**.

#### National

- **Sandeep Kumar Mogha** (2015) 'Efficiency Measurement of Public Sector Hospitals of Uttarakhand', Mathematical and Statistical Techniques and their Applications to Science and Engineering (MSTASE-2015), DIT University, Dehradun, **APS2015C015**.
- **Srishty Banerjee** (2015) 'Right to Information: An Apparatus of Making Good Governance a Reality for We the People of India', National Seminar on Right to Information, Rajiv Gandhi National University of Law, Patiala & State Information Commission, Punjab, **SOL2015C013**.
- **Pallavi Bajpai** (2015) 'The sunshine law under a cloudy regime: Transparency and Accountability of Right to Information Act', National Seminar on Right to Information, Rajiv Gandhi National University of Law, Patiala & State Information Commission, Punjab, **SOL2015C015**.

## Student Activities

- To instill awareness about traffic rules amongst youngsters, Traffic Police, Gurgaon, in collaboration with Maruti Suzuki, organized the 'Gurgaon Road Safety Mega Festival 2015-16' at KR Mangalam School Gurgaon during which several competitions were organized. The NCU team comprising Mr Dhruv Pratap Singh Yadav, Ms Aakriti Bansal and Ms Rishika Deswal participated in the 'Road Safety Quiz' and bagged the first prize leaving behind other participating colleges and universities with a large margin. Mr Dalbir Singh, ACP, Traffic Division, Haryana Police congratulated the team and recommended the team for the 'State Level' of the quiz to be held in January 2016.



- NCU's Team Google Students' Club, led by Google Student Ambassador Palash Chhabra participated in the Google Youth Connect Session held on 17 December 2015 at SRCC, New Delhi. The event had an interactive session with Mr Sundar Pichai, CEO of Google who personally answered some questions from students across the country. The session witnessed over 3000 students representing various schools and colleges of the nation. Sushma, our student and an extended team member of NCU GSC, got the opportunity to ask a direct question from Mr Sundar Pichai. She asked about digital India to which Mr Pichai replied with a lot of interest. The clip for this can be viewed at <https://www.youtube.com/watch?v=al0cNGOuW0g&feature=youtu.be>



- Ms Pusti Gupta and Mr Anil Sharma, students of LLM at NCU School of Law presented research papers in National Conference on 'An audit of ten years of Right to Information Act 2005: Issues and challenges' organized by Modern College of Law, CCS University, Meerut on the occasion of Law day on 26 November 2015. Ms Pushpi Gupta presented a paper on 'Right to Information: A boon or bane' while Mr Anil Sharma presented a paper on 'Right to Information: A critical study of Achievement of RTI Act 2005'

## Outreach Activities of Brig. SK Sharma (Retd.), Pro-Vice Chancellor & Senior Professor



**Brig. SK Sharma**  
Pro Vice-Chancellor and  
Senior Professor

- Brig. SK Sharma (Retd) attended the North Zone Vice-Chancellor's Meet 2015-16 organized by Association of Indian Universities (AIU) at National Law School Dwarka, New Delhi during 19-20 December 2015. The New Education Policy of the universities was discussed.

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



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

- Prof. Prem Vrat attended an event organized by Confederation of Indian Industry (CII) on 'University Industry Congress Higher Education Summit 2015' at Scope Complex, New Delhi on 2 and 3 December 2015. During the event Prof. Vrat delivered a lecture on 'Impact of industry – academia collaboration in enhancing employability of technical graduates'.
- Prof. Prem Vrat was invited as the Chief Guest in International Conference on Research and Business Sustainability held at Greater Noida Campus of IIT Roorkee on 4 December 2015.
- Prof. Prem Vrat attended the meeting of Advisory Group of Experts on Upgradation of Technology and Leveraging 'Make in India' in the Railways held at Niti Aayog, New Delhi on 17 December 2015.
- Prof. Prem Vrat was invited by Dayalbagh Educational Institute, Agra for delivering a keynote address on Faculty development and employability in technical education during Landmark Workshop on 19 December 2015.

