

# Newsletter

Vol. 57 July 2016



## THE NORTHCAP UNIVERSITY

(For internal circulation only)

### NCU Activities

#### Students' Orientation 2016

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

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



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

The event was coordinated by Dr Payal Khurana, CLL.

#### Faculty Orientation Programme



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

workbooks. In practicals and lab work, there will henceforth be more self-work by students and zero tolerance to copying will be enforced.

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

## Workshop on Data Analysis

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

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

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

## Fire Fighting Training to Security Staff

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



protection systems in the campus, safety measures, evacuation procedures, emergency procedures etc.

## News from the School of Engineering and Technology

### Department of EECE

#### Departmental Activities

#### Faculty Development Programme

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



*EECE Faculty during the Faculty Development Programme*

#### Orientation Programme

The Department organized an Orientation Programme for 1st year ECE Students on 23 July 2016. The students were made aware of credit programme details, outcome based learning concept, attendance rules

and other information about the Department. They were taken to Departmental labs to give them an overview of the practical exposure they are going to have in their BTech programme.

## Department of CSE and IT

### Departmental Activities

#### Faculty Development Programme

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

#### Faculty Activities

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

#### New Faculty on Board

Dr Kavita Khanna joined the Department as Associate Professor.

Ms Jyoti Sahni joined the Department as Assistant Professor.

We welcome them to the Department.

## Department of Civil and Environmental Engineering

### Departmental Activities

#### Alumni Interactions

- ❑ The faculty of the Department interacted with Mr Mayank Gupta (2009-2013) who is currently pursuing Masters in Construction Technology and Management from IIT Delhi. They had a discussion regarding preparations required for cracking GATE/ IES. Mr Gupta highlighted various important aspects of

preparations required for competitive exams and suggested that the Department should plan for providing certification in specialized areas. [CEE2016O012]

- ❑ The faculty of the Department interacted with Mr Dilpreet Singh (2009-2013) who has completed his Masters in Civil Engineering with specialisation in Structures from The NorthCap University. They had discussions on preparations required for cracking GATE/ IES. Mr Singh highlighted the use of white board in teaching practices and stressed that there should be interactive learning and discussions between students and teachers rather than only teachers giving instructions to the students. [CEE2016O013]

#### SRC Meeting

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

#### Summer Internship Visits

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

Site Visited	Faculty
National Highway Authority of India	Ms Megha Kalra
DLF Home Developers	Dr Anil Kumar Mishra
M3M India	Ms Garima Srivastav
CSMRS, Mahindra Eluminare & CPWD	Mr Lokesh Choudhary

#### Faculty Activities

Dr Anil Kumar Misra was invited to join as a member of Advisory/ Organising Committee of Asian Advanced Materials Congress (ASAMC) and solicit his advice and support in organizing the Congress to be held during 11 - 16 March 2017.

#### New Faculty on Board

Mr Akx Malik joined the Department as Assistant Professor.

We welcome him on board.



## Department of Mechanical Engineering

A group of 25 students participated in the SUPRA-SAEINDIA national competition organized by SAEINDIA and Maruti Suzuki Ltd. from 4-9 July 2016 at Buddha International Circuit, Greater Noida. The competition was about design, fabrication, innovation and testing of Formula type racing vehicle. The aesthetics of the NCU vehicle were appreciated at all levels. [MED2016O017]



Vehicle designed by NCU SAEINDIA Team

### Faculty Activities

- ❑ Mr Ashwini Sharma attended a 3D Design summit of Solid Edge organized by Siemens and Sapcon Systems at Crown Plaza, Okhla, Delhi on 15 July 2016. [MED2016WA004]

Mr Sharma is selected as the member of Academic Advisory Board by Fraternity of Mechanical Engineers (FMAE), a national level society involved in improving the degree of learning and the standard of design challenges such as Formula kart design challenge in the country. [MED2016O018]

- ❑ Dr K Mathiyazhagan has been nominated as an examiner to evaluate the PhD thesis and was invited to conduct the public viva-voce examination at Anna University, Chennai. [MED2016O019]
- ❑ Dr Feras Al-Hakkak visited Honda Cars India factory at Greater Noida on 21 July 2016 to supervise the industrial training of University's Mechanical Engineering students. [MED2016O020]

### New Faculty on Board

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

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

We welcome them on board.

## Department of Applied Sciences

### Departmental Activities

#### Faculty Development Programme

A six-day Faculty Development Programme on 'Enhancing Research and Teaching Capabilities' was jointly organized by Dept of Applied Sciences and Centre for Languages Learning from 1-8 July 2016. Expert lectures were delivered by eminent academicians including Prof. CV Baxi on 'How to Improve Teaching and Learning'. Padam Shree Prof. KL Chopra gave a



FDP in progress

talk on 'Solar Photovoltaics', while Prof. Prem Vrat spoke on 'How to Improve Research Productivity'. Prof. Kehar Singh spoke on 'Light with a Twist', Shri JC Kapoor on 'Understanding and Managing Health and Safety Issues of Nano-materials', Padam Shree Prof. Pushpesh Pant on 'Problems in Quality Research', Prof. Amitava Sengupta on 'Atomic Clocks: How do they work and why do we need them', Prof. SK Jain on 'Quality system Requirement of ISO 17025 as applied to Research Laboratory', Ms Praneet Kaur on 'Make a Difference' and Dr Sangeet Srivastava on 'Image Forensics'. The effective videos, impressive presentations and real time examples had immense effect on the audience. A total of 32 faculty members from Dept of APS and CLL participated in the FDP. Prof. AK Yadav gave concluding remarks and a vote of thanks. The programme was coordinated by Dr Sunanda Vashisth, Dr Pranati Purohit and Dr Divyabha Vashisth. [APS2016FO001]

### Orientation Programme for BSc (Hons) Mathematics and MSc Mathematics

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



Students during Orientation Programme

### New Faculty on Board

Dr K Gowri Navada joined the Department as Associate Professor. Ms Deepika Rani and Dr Anshu Malhotra joined the Department as Assistant Professors.

We welcome them on board.

## Centre for Languages Learning

### FDP on Communication Skills

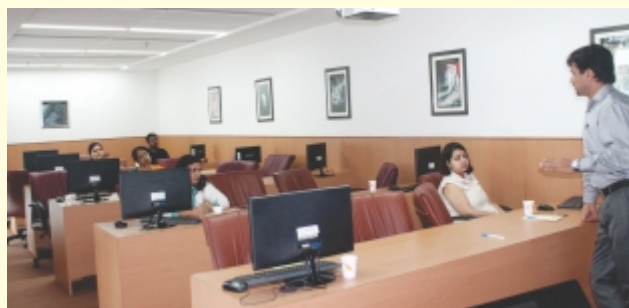
A session of Faculty Development Programme on Communication Skills titled 'Make a Difference' was conducted by the Centre on 8 July 2016. The session was conducted by Ms Praneet Kaur, Visiting Faculty, CLL. The session highlighted the need to harness intrinsic motivation for the individual faculty members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

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

## News from the School of Management

### Faculty Development Programme

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



*FDP in progress*

### New Faculty on Board

Dr Sanjay Goyal joined the Department as Professor and Dean, SOM. Mr Pushkal Pandey joined the Department as Professor.

We welcome them on board.

## News from the School of Law

### Faculty Development Programme



*Mr Manoj Gopaliya interacting with faculty members during FDP*

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

### Law Quiz-Fresher Edition, 2016

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

### New Faculty on Board

Dr Kanu Priya, Mr Bilal Ahmed Kuchey and Ms Manika Kamthan joined the Department as Assistant Professors.

We welcome them on board.

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

- ❑ Placements for 2016 batch have been good and we have achieved an impressive placement record across all Schools and their respective branches. This in turn gave a boost to the confidence of new entrants to our University during the Orientation program, where Director SPA, Mr BK Gupta shared the various activities for engaging students with SPA.
- ❑ On 25 July 2016, SPA team welcomed all the final year students of Engineering and MBA. Mr Gupta congratulated them on

completing their internship. We feel proud that some of our students have strengthened our relationship with the hiring companies after demonstrating a promising spirit during their stay as intern.

- ❑ Kicking off the placement session for 2017 batch, SPA conducted an online aptitude test for all pre-final year students on 25 July 2016. The scores were later published on the placement portal of the University.
- ❑ Tata Consultancy Services conducted a pre-placement session on 27 July 2016 and interacted with students aspiring to appear in the current year placement session. Mr Sameer Sabarwal, Research Head, TCS also interacted with Heads of Departments and discussed about placement and internship opportunities.



Mr Sameer Sabarwal, Research Head, TCS being welcomed by Mr B K Gupta

### Placements during the month

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

## Research Papers Published

### Book Chapters

#### International

- ❑ Saloni Bhatia, **Sharda Vashisth** and Ashok Salhan (2016) 'Cellular radiations effect on human health' in Proceedings of First International Conference on Information and Communication Technology for Intelligent System, Chapter 23, pp. 213-219, Springer International Publishing Switzerland, ISBN - 978-3-319-30932-3, **ECE2016BC001**.

#### National

- ❑ **Anil Kumar Misra** (2016) 'Earth to air heat exchange systems for small houses and industrial buildings in changing Indian climatic conditions' in Emerging Energy Alternatives for Sustainable Environment, Chapter 22, pp.459-477, Teri Press, New Delhi, ISBN - 9788179934111.00, **CEE2016BC001**.

### Journals

#### International

- ❑ **Tejpal Singh Chundawat, Dipti Vaya**, Nalakathu Kolanadiyil Sini and **Indra Kumar Varma** (2016) 'Blast Mitigation using FRP retrofitting and Coating Technique', Polymer Composite, DOI: 10.1002/pc.24116, **APS2016J017**.
- ❑ **Satwanti Devi** and Anbu Swaminathan (2016) 'Inclusion Properties of Generalized Integral Transform Using Duality Techniques', Moroccan Journal of Pure and Applied Analysis, Vol. 2, No. 2, pp. 91-106, **APS2016J018**.
- ❑ **Phool Singh** and Vikas Poply (2015) 'Impact of Free Stream Velocity and Variable Heat Flux Over a Permeable Stretching Surface', International Journal of Applied Engineering Research, Vol. 10, No. 94, pp. 69-75, **APS2016J019**.
- ❑ **Amita Bhagat** and Madhu Jain (2016) 'N-policy for Mx/G/1 Unreliable Retrial G-queue with Preemptive Resume and Multi-services', Journal of Operations Research Society of China, DOI: 10.1007/s40305-016-0128-0, **APS2016J020**.
- ❑ Fong Fan Wang, **Amita Bhagat** and Tsian Ming Chang (2016) 'Analysis of Priority Multi-Server Retrial Queueing Inventory Systems With MAP Arrivals and Exponential Services', OPSEARCH, DOI: 10.1007/s12597-016-0270-9, **APS2016J021**.
- ❑ Ujjwal Prabhakar and **Purnima Bajpai** (2016) 'Understanding and modelling of key performance factors in the airport sector', International Journal of Science technology and management, Vol. 5, No. 6, pp. 175-183, **CEE2016J007**.
- ❑ Anjana Yadav and **Pankaj Rakheja** (2016) 'Integration of Elliptical Cryptography with RSA and Steganography using Biometric Authentication', International Journal of Computer Applications, Vol. 144, No. 4, pp. 32-36, **ECE2016J027**.
- ❑ **Saurabh Sachdeva**, Ashutosh Chandra and **Deepti Chahar** (2016) 'CNT Antennas: A Comparison Between GHz & THz Regimes', International Journal of Engineering Development and Research, Vol. 2, No. 2, pp. 1585-1589, **ECE2016028**.
- ❑ **Amanpreet Kaur, Rekha Vig and Swaran Ahuja** (2016) 'Biometrics: Analysis of Fingerprint using Hybrid Transformations', International Journal of Computer Applications, Vol. 144, No. 2, pp. 20-23, **ECE2016030**.
- ❑ Arindam Mondal and **Amanpreet Kaur** (2016) 'Comparative Study of Feature Level and Decision Level Fusion in Multimodal Biometric Recognition of Face, Ear and Iris', International Journal of Computer Science and Mobile Computing, Vol. 5, No. 5, pp. 822-842, **ECE2016031**.
- ❑ **Amanpreet Kaur, Mohit Ahlawat and Swaran Ahuja** (2016) 'Optimization of Femtocell Network Using Estimation Techniques', International Journal of Computer Science and Mobile Computing, Vol. 5, No. 6, pp. 466-475, **ECE2016032**.
- ❑ Komal, Mohit Saxena, Shashank Chaturvedi and **Neeraj Kumar Shukla** (2015) 'A Novel Optimal 2-D Layout for Cache



- Memory at 45nm CMOS Technology', International Journal of Advanced Science and Technology, Vol. 82, No. 4, pp. 33-44, **ECE2015J058**.
- ❑ Shipra Sharma, **Rakhi Nangia and Neeraj Kumar Shukla** (2016) 'Design and RTL Implementation for AHBAPB Bridge on SoC', Journal of VLSI Design Tools and Technology, Vol. 6, No. 2, pp. 44-52, **ECE2016J033**.
  - ❑ **Ravindra Ojha and Prem Vrat** (2016) 'Strategies to Accelerate Manufacturing Growth in India: A System Dynamics–Interpretive Structural Modelling Analysis', Vision: The Journal of Business Perspective, Vol. 20, No. 2, pp. 1-16, **MED2016J025**.
  - ❑ Yagya Dutt Sharma and **Pramod Bhatia** (2016) 'Review of Solar Powered Air Conditioning Systems', International Journal of Multidisciplinary and Current Research, Vol. 4, pp. 490-492, **MED2016J026**.
  - ❑ Ankit Kumar and **Pramod Bhatia** (2016) 'Review of Aircraft Emission Reduction', International Journal of Multidisciplinary and Current Research, Vol. 4, pp. 493-495, **MED2016J027**.
  - ❑ **Pramod Bhatia** (2016) 'Oxygen Enhanced Microgravity Ethane Flames', International Journal of Current Research, Vol. 8, No. 6, pp. 33322-33326, **MED2016J028**.
  - ❑ **Pramod Bhatia** (2016) 'Conditioning Monitoring of Gear Boxes in Real Time', International Journal of Current Research, Vol. 8, No. 6, pp. 33313-33321, **MED2016J029**.
  - ❑ Naveen Gaur, Darpan Dhaiya and **Rohit Singh Lather** (2016) 'Experimental Investigation of a Single Cylinder S.I Engine Fuelled with Gasoline-Butanol Blends', Carbon Science and Technology, Vol. 8, No. 4, pp. 36-45, **MED2016J030**.
  - ❑ **Shilpa Sindhu** and Anupama Panghal (2016) 'Robust retail supply chains-the driving practices', International Journal of Advanced Operations Management, Vol. 8, No. 1, pp. 64-78, **SOM2016J007**.
  - ❑ **Neha Sahu and Richa Chhabra** (2016) 'A Review on Hyper Local E-Commerce', Journal of Network Communications and Emerging Technologies, Vol. 6, No. 6, pp. 22-24, **CSE2016J049**.
  - ❑ **Neha Sahu and Richa Chhabra** (2016) 'Review on Search Engine Optimization', Journal of Network Communications and Emerging Technologies, Vol. 6, No. 6, pp. 19-21, **CSE2016J050**.
  - ❑ Sapna Kataria and **Meghna Sharma** (2016) 'A Review Paper on Predictive Analysis of Student Performance and Outlier Detection', Journal of Basic and Applied Engineering Research, Vol. 3, No. 6, pp. 528-531, **CSE2016J051**.
  - ❑ **Divyabha** (2016) 'The Changing Phase: Search for Individuality in Binding Vine', Global English- Oriented Research Journal, Vol. 2, No. 1, pp. 162-167, **CLL 2016J007**.
  - ❑ **Shrutimita Mehta** (2016) 'Globalisation and Multiculturalism in Contemporary Indian Literature: Reflections on the Works of Shashi Deshpande', Creative Writing and Criticism, Vol. 13, No. 2, pp. 77-85, **CLL2016J008**.
- ### Conference Presentations
- #### International
- ❑ **Ambika Devi** (2016) 'Substrate Dependent Optical Properties of Se-Te-Bi Chalcogenide Thin Films', International Conference on Engineering Physics Materials and Ultrasonics, NCU Gurgaon, **APS2016C013**.
  - ❑ **Ambika Devi** (2016) 'Temperature Dependent Structural and Optical Properties of CdSe Quantum Dots and CdSe/PVA Nanocomposite', International Conference on Engineering Physics Materials and Ultrasonics, NCU Gurgaon, **APS2016C014**.
  - ❑ **Pranati Purohit, Rahul Chawla, Neeraj Dahiya and Sushil Kumar Jain** (2016) 'Design and Fabrication of an Improved Piezo-force Actuator', International Conference on Engineering Physics Materials and Ultrasonics, NCU Gurgaon, **APS2016C016**.
- #### National
- ❑ **Sangeet Srivastava** (2015) 'Data Mining Techniques for Cardio Vascular Heart Diseases', CYNOSURE-2015, IIT Ropar, **APS2016C012**.
  - ❑ **Sanjay Yadav** and Rajan Arora (2015) 'Analytical Solution of Blast Wave Problem in Non-Ideal Medium', CYNOSURE-2015, IIT Ropar, **APS2016C015**.
  - ❑ **Pranati Purohit** (2016) 'Quantum Confinement Effect in a Spherical Quantum Dot', Advanced Materials and Nanotechnology AMN-2016, NIT, Durgapur, **APS2016C017**.
  - ❑ **Pallavi Bajpai** (2015) 'Will the dawn of the New Amended JJ Bill bring in a brighter future for Indian Delinquents', National Seminar on Juvenile Justice and Human Rights: Contemporary Issues, Challenges and Opportunities, Faculty of Law, The ICFAI University, Dehradun, **SOL2016C003**.
  - ❑ **Pallavi Bajpai** (2016) 'How far is the umbrella for the third gender protected in the Indian society? Myth and realities - A way forward', National Seminar on Third Gender Rights: Emerging Trends and Issue, IMS Unison University, Dehradun, **SOL2016C004**.
  - ❑ **Arvind P Bhanu** (2016) 'Gender Discrimination of Work Places', National Seminar on Corporate Sector in India: Socio Legal Issues and Challenges, University Institute of Law and Management Studies, Gurgaon, **SOL2016C005**.
  - ❑ **Arvind P Bhanu** (2016) 'A Critical Story of Surrogacy on Perspective of Human Rights', National Seminar on Science of Surrogacy and Prospect of Proposed Law in India, Indian Society of

## Student Activities

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



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

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



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

## 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 was invited as Guest of Honour and Speaker on 1 July 2016 for a 3-day National Workshop on OBE and NBA Accreditation at Lucknow, organized by Engineering Staff College of India, Hyderabad.
- Prof. Prem Vrat was invited as Chief Guest during the inaugural function of Global Initiative of Academic Networks (GIAN) Course on Production Planning for Manufacturing Excellence organized by Department of Mechanical Engineering at Delhi Technological University, Delhi on 4 July 2016.

- Prof. Prem Vrat was invited by BML Munjal University, Gurgaon on the occasion of Invocation and Orientation Ceremony on 5 July 2016. On this occasion Prof. Vrat delivered a lecture on Leadership and his life experiences to the new batch of MBA Students.
- Prof. Prem Vrat attended a conference on 'Empowering Administrator for Good Governance and Sustainable Progress' from 8-10 July 2016 at Brahma Kumaris Headquarters, Mount Abu. He also delivered an address on 'Sustainable Progress' as Guest of Honour in the plenary session. Prof. Vrat had discussions with Executive Secretary BK Mrityunjay, Chairman of Education Wing to

have 'Thought Laboratories' in Universities to inculcate good human values among students. He also interacted with Dadi Janaki, the 101 years old Chief of the Brahma Kumaris at the World Head Quarters of Prajapati Brahma Kumaris Ishwariya Vishwa Vidyalyaya at Shantivan, Mount Abu.

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

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

- Prof. Prem Vrat attended a meeting of the Technology Foresight and Management Forum at Indian National Academy of Engineering (INAE), Gurgaon on 19 July 2016.
- Prof. Prem Vrat has been appointed as the Governor-Chancellor's nominee on the Executive Council of the YMCA University, Faridabad for a period of 2 years from 1 August 2016 by His Excellency the Governor of Haryana.
- Prof. Prem Vrat delivered a lecture on 'Rationality, Decision Science and Management' at IIT Delhi on 29 July 2016 as an Honorary Professor.

