Departmental Industry Interaction Cell

The Department of Civil & Environmental Engineering has formulated the Departmental Industry Interactive cell to facilitate an interaction between the department of Civil & Environmental Engineering, The NorthCap University and the Industry which is the need of the hour. This will have great bearing on the Engineering Curriculum, exposure of industrial atmosphere to engineering students and subsequent placement of young graduating engineers in industries across the country. With the advent of globalization and opening up of Indian economy to outside world, competition among industries has become stiff. Similarly, there is an urgent need to prepare engineering students for jobs in multinational companies and increase their employability by exposing them to latest technologies and engineering methodologies.

These objectives can only be achieved well by bridging the gap between industry and the academic institute. However, to bridge a gap between the theoretical and practical aspects of the curriculum, Corporate Interaction is extremely important. The Department Industry Interaction Cell recognizes this need and addresses it through the regular associations and meeting with Corporate and provides industry exposure to the students and enables them to pick up skills besides what is being imparted in the classrooms.

Guest lecture by Ms. Savita Bradoo

The Department of Civil & Environmental Engineering had organized a mentoring session by Ms. Savita Bradoo, Director of quality at Convergys on effective communication and enhancement of employability. She has also been associated with US Enterprise as Sales Trainer and I-Energizer as its Team Leader for operations. Her key competencies include Training Delivery & Operational Excellence, Consulting & Curriculum Design, Process Improvement, Quality Assurance, Communication Coaching and Organization Development.

Ms Savita is one of the very few women in this country that made it to the Leadership position for one of the largest Business Process Outsourcing Company serving Fortune 500 Companies at the age of 32.

The lecture focussed on corporate communication and enhancement of leadership skills. She focussed on the importance of hard work and technical as well as managerial efficiency and how one can develop these skills at University level. The lecture was highly motivating and encouraging. This lecture was attended by all batches of Civil Engineering Department and a few faculty members from Applied Science and was organized by Ms Purnima Bajpai.

[ CEE2015G008]
Faculty Seminar

Faculty Seminar got initiated in the Department of Civil & Environmental Engineering on 14-08-2015 (Friday). The first session for the month of August was on the topic “Geotextile Reinforced Unpaved Roads Resting on $c-\phi$ Subgrade: Analytical and Finite Element Based Design” taken by Mr. Lokesh Choudhary. The seminar was attended with great enthusiasm by the faculty members and the presentation was followed by healthy discussion on the research work presented highlighting its future scope and applicability in the avenue of Geotechnical and Transportation Engineering.

Industrial visit to Unitech Signature Tower

The Department of Civil & Environmental Engineering had organized an Industrial Visit to M/s Unitech Limited Project, Signature towers II & III project, Near 32 Milestone Gurgaon for 60 students of the 3rd semester, along with 2 faculty members Ms Purnima Bajpai and Ms Garima Srivastav. The project being executed at site was the construction of signature towers two and three, there were 11 towers being constructed in this area along with 3 residential complexes of G+11, G+12 & G+16 Storeys. This was a first time visit to the site by the 3rd semester students where they got the real life experience of how work is done at the construction site. The Project Head has ensured that at least 2-3 of our students will be given internship at this particular site.[CEE2015V005]
Visit to Ultratech Ready mix concrete plant

Under the coordination of Ms. Megha Kalra and Mr. Rohith P. Poyil an industrial visit was organised on August 18, 2015 for the third year B. Tech and first year M. Tech students to Ultratech RMC plant, Gurgaon. It is the second oldest RMC plant of ultratech in India which caters to the need of builders in gurgaon. This plant produces 60 m$^3$ of concrete per hour and have also manufactured concrete of M90 grade. They have kindly agreed to facilitate our students in their summer internship and also to visit university for guest lecture.

[CEE2015V006]

Mentoring Session by Construction Skill Development & Research Institute

The Department of Civil & Environmental Engineering had organized a session by Construction Skill Development & Research Institute (CSDRI) on 13.08.2015 and 19.08.2015. CSDRI is acting as a bridge between the Academies and the Construction and Infrastructure Industry in India & Overseas by providing young engineers with practical training courses recognized by ICMQ India (a Leading Italian certification and inspection body) within the certification scheme for persons “Site Engineers.”
This would be a good initiative by the Department in order to increase their placements and employability. The session was conducted for the 5th and 7th semester students.

**Student Seminar by final year students**

Department of civil and environmental engineering under the initiative of HOD Dr. Amit Srivastava started student seminar. The student's were encouraged to present the knowledge that they have gained during the summer internship with their classmates. It was a very interactive session during which students explained about the practical knowledge that they have gained in field. During the first session two students presented their work on "Analysis and Design of Diversion Canal of Jorethang Dam in Sikkim using HERCAS software" and "Analysis of industrial structure under EQ/WL condition using STAAD PRO".

**Alumni Interaction**

Under initiative of Mr. Lokesh Choudhary, Mr. Akash Singh (2008-12 batch), Site Engineer (Project Management Division at Puri Construction Pvt. Ltd. interacted with Vth semester students on August 21,2015. He guided students about their future perspective in various options that they can choose after their graduation. He had a discussion regarding Job profile in private sector, Options for post-graduation M.Tech/MBA/GRE (ME & MS). Students were highly enthusiastic about knowing the difference between the work environment at site and office.
Placement Update

Department of civil and environmental engineering congratulates Mr. Bharat Gaur (2011-15 batch) on his placement in Shobha Developers Limited.