



*Skycrapercracy*

Department of Civil Engineering  
Lords Institute of Engineering & Technology, Hyderabad

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## Civil Engineering Department Profile

### Editorial Board

- Dr. Mohammed Masood  
(Editor)
- Ms .Suebha Khatoon  
Assistant Professor  
(Sub-Editor)

### Inside:

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The department of **Civil Engineering** is one of the important departments of **Lords Institute of Engineering & Technology**. The department has been established in the year 2009. The department is presently offering Bachelor's Degree in **Civil Engineering**.

The present intake for the Bachelor's program is 180 students.

The department carries out a periodic review of its curricula to ensure concurrency and to keep abreast with the latest developments in science and technology.

### **INTERNSHIP AT NATIONAL ACADEMY OF CONSTRUCTION (NAC)**

Civil Engineering Department students had done an internship at NAC. Students had a great experience and have come up with good field experience.

This internship programme was very helpful to students emerging good civil engineering basic knowledge and good teamwork.

The programme was commenced from 3<sup>rd</sup> July 2017 to 1<sup>st</sup> August 2017.

### **Objectives:**

Students were given a month schedule in which they learnt different field works.



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The following were the field works :

- Supervisor skills in construction & safety.
- Land surveying.
- Quantity survey & contract Management.
- Electronic Total station.
- Plumbing & sanitation.
- Estimation & costing (Roads, culverts & bridges).
- Masonry.
- Formwork Carpentry.
- Bar bending.
- Store Keeper.
- Painting & Decoration.
- Material Testing.
- Electrical House wiring.
- Dry wall & False ceiling.



Students At Internship



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Students doing Plastering work



Students performing on field levelling work.

## WORKSHOP ON FRUGAL INNOVATIONS

A two day national workshop on “FRUGAL INNOVATIONS” , was held on 07<sup>th</sup>-08<sup>th</sup> July, 2017 at NIRD&PR Campus, Rajender Nagar, Hyderabad. It was jointly organized by National Institute of Rural Development & Panchayati Raj (NIRD&PR), Indian National Academy of Engineering (INAE) and Vijnana Bharati. Chief Guest was Shri M Venkaiah Naidu, Hon’ble Union Minister along with guest of honour Shri Konda Vishweshwar Reddy, Hon’ble Member of Parliament, from Chevella ,Dr V K Saraswat member of Niti Aayog,GOI, Dr B N Suresh President INAE and Dr W R Reddy IAS Director General NIRD&PR. The aim of the workshop was to encourage & support the rural innovators and create greater awareness. It provided an inclusive platform for ideas, innovations for facilitating new business models and workout the way forward with possible mentoring support by the experts of Organizations.

As the event was a National level event, entries were from different parts of the country. Participation was through a selection process by an expert committee. Few innovators from LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY, Hyderabad were selected and were a part of Frugal Innovations Workshop. Mr. Mohammed Safiuddin Professor and Head of the Civil Department was incharge for this event from the college. Few Students from Mechanical & Civil Department attended the workshop along with their prototype.

Mechanical Department Innovation, **“Portable device which produce Water from Air and simultaneous functions as an Air conditioning & a Refrigerator”** by innovators Mohammed Muzaffer





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Hussain, Mohammed Parvez Qureshi, Mohammed Salman, Syed Abubaker Pasha, Munawar uddin & Salman Khan. It was awarded an appreciation prize and placed at 2<sup>nd</sup> position from all the competitors.

Basically it is 3 in 1 machine & can produce 40 litres of drinking water from air. As it is first kind of machine in India and a patent has already been filed. It was explained by Mohammed Muzaffer Hussain, through Power point presentation to the vast number of experts.

Civil department innovators are Mohammed Imran, Shaik Mohammed Taj, Mohammed Majid, Mohammed Ilyas participated along with their prototype “Low Cost Home Security System”. It is operated using a mobile. If any thief try to enter the house through any opening, the system is activated and a call is made by the mobile to the owner of the house, so that he can take necessary action.

Moreover, Lords Institute of Engineering & Technology was given a memento by Dr. Mohammed Khan, Senior Consultant NIRD&PR for their active participation and encouragement of students towards development of rural India through innovations.



STUDENTS AND FACULTY OF CIVIL ENGINEERING RECIVING MEMENTO



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### **CONSULTANCY TO OTHER UNIVERSITY**

The Civil Engineering Department provided Consultancy services to the II<sup>nd</sup> YEAR Polytechnic Civil Students of Maulana Azad National Urdu University. The services provided was for Strength of Materials Lab, Concrete and Highway Materials Labs Fluid Mechanics lab for a consultancy amount of 1,75,500. The laboratory classes were conducted by our well experience faculty between 25 /sept/2017 - 5/OCT/2017 in which all experiments as prescribed in the MANUU syllabus were conducted to the satisfaction of the students and MANUU civil staff.

### **INDUSTRIAL VISIT TO ULTRATECH CEMENT READY MIX CONCRETE PLANT(RMC)**

3<sup>rd</sup> Year students from civil engineering department were taken to Ultratech Cement Ready Mix Concrete Plant on 17/10/2017 to experience the practical industry process of RMC manufacturing, to study the advantages and to analyze the difference between normal concrete and RMC. Students got first hand experience on the process involved in manufacture of Ready Mix Concrete



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