

# **Report**

## **on**

### **CV Raman College of Engineering**

### **Students Internship Program**

**Construction Industry Development Council (CIDC)** is a body established by the Planning Commission Govt. of India (now Niti Aayog) and the Indian Construction Industry. Among its many activities human resource is a major one on which the council is working since 1998. CIDC has been training construction professionals in vocational trades and has also worked with the Govt. specially CPWD which has made it mandatory to have trained & certified workers on site.

On similar lines CIDC has been working with Colleges & Universities regarding the internship of Diploma & Degree Engineers, as regular feedback is being received from Industry that the present lot of engineers are not employable and do not have any practical & hands on exposure. As a result due to extensive efforts of CIDC **AICTE** has decided to make internship mandatory from the session 2017 – 18 as a pre-condition for award of degrees.

**Engineering Council of India (ECI)** a professional body of engineers has entered in an MoU with AICTE for conduct of internship through its member organizations.

#### **Details of recently concluded Internship batch from CV Raman college of Engineering:**

A batch consisting of 14 candidates of B.Tech Civil, came from CV Raman College of Engineering, Bhubaneswar, Odisha to CIDC's training center Vishwakarma Pratham at Faridabad, where they were to undergo 1 month of training mainly focusing on practical, hands on, higher component of theoretical training, latest tools, plants, equipment, safety health & environment, soft skills, ancillary knowledge followed by site visits.



From the first day onwards the students were made to wear safety jackets, safety helmet, shoes, masks, gloves etc. to make them conversant and habitual to their use. The classes were held from 7.00AM to 8.30 PM each day to fully utilize the time at the center. Morning & evening classes were to re-kindle their theoretical knowledge and make its association with on-site needs.



During the day time i.e. from 9.00AM to 5.00PM they were to work on some project with their hands. It being winter & quite cold working in the sun was rather enjoyable. The students including two girls had lots of fun and were very proud of the construction they did.



To start with they were to construct a toilet with mud mortar. They had to do the measurement & layout, foundation excavation, brick work in sub-structure & super structure. They also did plastering, welding, bar-bending with their hands to fully understand the process and calculate the productivity maintaining safety & quality. They surveyed the area using Total station which they had not used earlier. They made some concrete and tested it themselves in the Building Material Testing Lab.



## Ancillary/ Auxiliary Knowledge

Ancillary/ Auxiliary Knowledge which are the need of the day like Solar Energy conducted by Advit Foundation and Drone Technology by Indian Institute of Drones. Post training a certificate of participation was also given to the interns

### Solar



### Drone





They were taken to working sites to expose them to actual working conditions and understand the expectations of the employers. It gave them immense confidence and made them look forward to the real world of construction to which they were sent on 24<sup>th</sup> & 25<sup>th</sup> January 2018.



The company “**Structwel Design & Consultant Pvt. Ltd. Mumbai**” interviewed and was glad to offer them internship for five months at their various locations and stream including.

- Architectural/Structural Design
- Repairs & Restoration
- Conservation of heritage structure
- Project management
- Lab testing etc.



### **Valedictory**

After completing one month of training, they received white helmets and blue safety jackets. The idea behind this was to acknowledge their first entrance towards the real construction world with our blessings.



### **Observations:-**

When the students came, they were very skeptical and unsure about the training and placement for 5 months for on job internship.

Now that they are working, they are very upbeat about the program and looking forward to a bright future in the construction industry.



We at Vishwakarma Pratham wish all the best for these new professionals entering the field.

### **Some pictures taken of various activities during the program.**

