

FED has organized Branch wise Orientation programme as a part of induction programme for the I.B.Tech student in the odd sem of academic year 2019-20. The orientation program was conducted by the HOD and staff members of the department. The orientation was started with a prayer service in every class. The staff members briefed about the expectation of the industry and also they explained about the preparation the students have to carry out for placing themselves in the MNCs. Also the need for holistic development of the student was discussed and the importance of morality was explained.

The orientation was given to the students in the following areas.

- Department Vision and Mission
- Roles and responsibilities of respective year students
- Academic preparation
- Exam preparation
- Decorum and discipline to be followed inside the lab
- Inplant training/Internship
- Techniques for getting placed in MNC.

COMPUTER SCIENCE ENGINEERING

Like all other engineering professions, Computer Engineering too requires practical knowledge to be employable. There is no short-cut for computer professionals, whatever one knows needs to be put into practice and loopholes would come out only when exposed to projects and other practices. Therefore, candidates who are willing to make a career in IT industry should have maximum exposure to practical knowledge so that they can perform efficiently. Most of the top IT colleges impart practical knowledge and offer internship programs which enlarge the chances of getting hired. Additionally, candidates from not so known colleges should do add-on certification courses offered by Microsoft, Oracle, Redhat, etc. so that they have higher chances of getting hired.



ELECTRICAL AND ELECTRONICS ENGINEERING

Electrical engineers use mathematics and physics principles to design, develop and assess electrical and electronic equipment and systems. They work with a range of technologies, including household appliances, the lighting and wiring systems of buildings, power transmission, telecommunications, and satellite communications. Many electrical engineers specialize in a particular field, such as **electronics, microelectronics, signal processing, power, telecommunications, and instrumentation.**



CIVIL ENGINEERING

The basic skills which are required for cracking civil engineering jobs are few in numbers, but if one can master these skills, then the future potential are amazing. It all starts off taking care of the foundational knowledge you need to have about your civil engineering subjects..

Next is the ability to design. How good you are? *If you feel you are good enough can you present a rough draft of the design within an hour of asking?* If so, then you would face no problems in cracking interviews, but if not then you need to practice designing and thinking through about several designs and how you can make them tick. In simple term, you need to keep everything under your sleeve before even trying to get any civil engineering jobs.

The final skill which is of utter importance is the ability to *manage crisis*. Under varied constraints and emergency situation, you need to be sagacious enough to make decisions and keep up the work. It needs an emotional detachment from the outcome and needs an unbiased concentration on the work in hand. If you can master the above skills, the future is glorious for you as a civil engineer.



Electrical and Electronics Engineering

As a core ECE engineer, you'll be able to apply for the positions of Design engineer, ASIC Engineer trainee, Jr. Embedded Engineer or Network Support Engineer. If you manage to bag the jobs, you'll get a chance to work in the field of circuit design, wireless communications, robotics, electronics, VLSI, Nano Technology, Embedded Systems, Digital Electronics, Optical Communications, Signal Processing, Control System, Analog Electronics, Networking and so on.



MECHANICAL ENGINEERING

Making machines are almost a dream to every child. The Need for speed game series for example is way more than fast cars. It has a lot to do with the mechanical details of the vehicle. Mechanical engineering is equally as fun. Being the broadest of the engineering fields, jobs offered to skilled mechanical engineers are in plenty and unending. Industries like automobiles, space research, bio-mechanical, aeronautical etc. are constantly looking for mechanical engineers.

In broad terms, a mechanical engineer can be hired under the following segments:

- **Research and Development (R&D):** Engineers who conduct research and then plan for new machines and their constituent parts.
- **Design:** Professionals whose responsibility is to draft technical drawings, manually or with the aid of computers.
- **Production:** Engineers who supervise the manufacturing of mechanical components and machines.
- **Analysis and testing:** Engineers who analyse and test different types of machines and their parts to ensure that they function flawlessly.



The HOD's of respective branches have clearly explained to the students about the importance of the branch, subjects, Job opportunities, importance of library, Lab's and project works. They have also explained the importance of regular attendance and discipline. They have also informed about the related magazines, journals and reference books of the concerned branches and subjects.