



NARAYANA ENGINEERING COLLEGE::NELLORE

FRESHMEN ENGINEERING DEPARTMENT

EVENTS

Foundation Courses

Freshmen Engineering Department has conducted foundation courses for I .B.Tech students of all branches in the odd sem in the academic year 2019-20. The basic concepts of all subjects were taught to the students by the respective faculty members. Purpose of Student Induction Programme is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration.

The term induction is generally used to describe the whole process whereby the incumbents adjust to or acclimatize to their new roles and environment. In other words, it is a well planned event to educate the new entrants about the environment in a particular institution, and connect them with the people in it. Student Induction Programme engages with the new students as soon as they come into the institution; before regular classes start.

At the start of the induction, the incumbents learn about the institutional policies, processes, practices, culture and values, and their mentor groups are formed. Students Induction could cover a number of different aspects.

Socializing: meeting other new students, senior students, students union, Lectures by Eminent People;

Associating: visits to University / college, visits to Dept./Branch/ Programme of study & important places on campus, local area, city and so on;

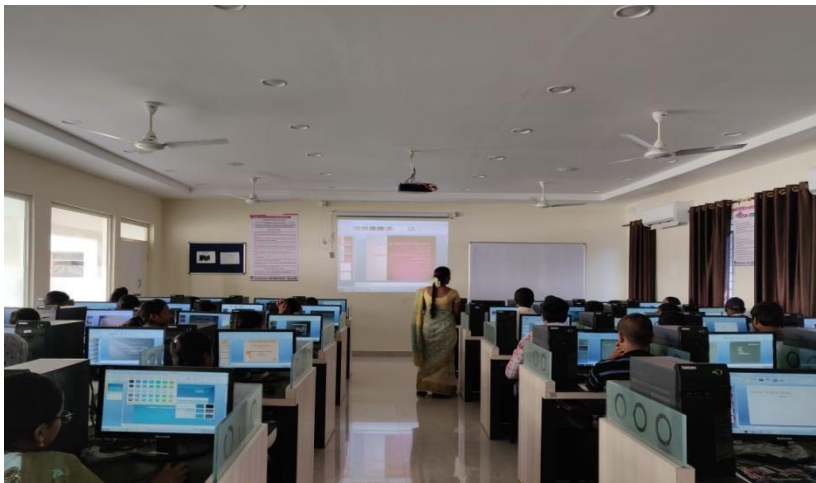
Governing: rules and regulations, student support etc;

Experiencing: Subject lectures, study skills, small-group activities, physical activity, creative and performing arts, literary activities, universal human values, etc.

FOUNDATION COURSES ::

It is a fact that many students admitted to B.Tech course in Engineering colleges are not able to study well all the subjects in the first year. Because the students admitted to the first year B.Tech may not have a strong foundation in the subjects like Mathematics, Physics, chemistry etc. The foundation course organized by PRSCET helps to develop a strong foundation for the beginners so that they will be able to pass B.Tech. course successfully.

The lack of proficiency in English is also a major problem for students hailing from different backgrounds. The foundation course therefore, gives utmost importance for developing communication skills in English. Further, the program includes courses in Mathematics, Physics, Chemistry and Engineering Drawing so that the students will have the basic knowledge and skills to undergo the B.Tech course successfully.



Aptitude

Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Aptitude Sessions for first B.tech students of 2019-20. We conducted the classes on Aptitude and conducted many tests on Aptitude to assess our students in logical reasoning or thinking performance. We explained the formulas and the easiest ways to find the answers for the difficult questions. We also explained them that the role of aptitude questions in competitive exams also. Students have actively participated and took notes on Aptitude.



Local Area Visit to Vijaya Diary

As a part of Induction Program, Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Local Area Visit to Vijaya Diary, Nellore. First Year Students of EEE, Civil and Mechanical have participated in the visit. Sri. K. Ramurthy garu, General Manager of Vijaya Diary explained the step by step process of extraction of Ghee and Other products from Milk. He also explained the working of Machinery and how the dispatch the Milk from one place to another and how they get Milk from villagers. Staff and students have actively participated in the visit.

Local Area Visit to Janani Orphanage, Nellore

As a part of Induction Program, Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Local Area Visit to Janani Orphanage, Nellore. First Year Students of ECE and CSE have participated in the event. We collected the amount and other provisions from our students and donated to Sri. K. Padmavathi Madam, Chairman of Sri, Janani Orphanage, Nellore. We invited Mr. K. Prabhakar Garu, DSP, Nellore as a guest of honor to Sri Janani Orphanage, Nellore. We donated the provisions and amount to the orphanage and interacted with the orphan people. We also assured that we will extend our services even in our future endeavors also. Staff and students have actively participated in the event.





Department wise Orientation and Career Counseling

Freshmen Engineering Department has organized Branch wise Orientation programme and Career Counseling as a part of induction programme for the I.B.Tech students 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

Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Career Counseling and Department wise Orientation Program for the academic year 2019-20. Dr.C. Rajendra, HDO, CSE stated that, 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. He interacted with the students and cleared their doubts.



ELECTRICAL AND ELECTRONICS ENGINEERING

Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Career Counseling and Department wise Orientation Program for the academic year 2019-20. Dr.G.Venkateswarlu, HDO, EEE stated that, [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**. . He interacted with the students and cleared their doubts.



CIVIL ENGINEERING DEPARTMENT

Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Career Counseling and Department wise Orientation Program for the academic year 2019-20. Sri. S. Brahmanaidu, HDO, Civil stated that, 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.

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. He interacted with the students and cleared their doubts.



Electrical and Communication Engineering

Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Career Counseling and Department wise Orientation Program for the academic year 2019-20. Dr.K.Murali, HDO, ECE stated that ,As a core ECE engineer, you'll 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. He interacted with the students and cleared their doubts.



MECHANICAL ENGINEERING DEPARTMENT

Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Career Counseling and Department wise Orientation Program for the academic year 2019-20. Dr.A.V.S Sreedhar, HDO, Mechanical Department stated that , 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 analyze and test different types of machines and their parts to ensure that they function flawlessly.



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SPORTS

As a part of Induction Program, Freshmen Engineering Department of Narayana Engineering College, Nellore organized various sports to first B.tech students of Academic Year 2019-20 in our campus Playground. We encouraged our students to participate in all the games both in door and out door.

BasketBall

Two teams, both with 11 players, take it in turns to bat and bowl. When one team is batting, they try and score as many runs as they can by hitting the ball around an oval field. The other team must get them out by bowling the ball overarm at the stumps, which are at either end of a 22-yard area called a wicket.



CHESS

chess is an ancient Indian sport and it has been very popular almost everywhere in India. On the day when this low-key sport is getting popular, we are giving our readers a brief introduction to chess.



VolleyBall

Volleyball, game played by two teams, usually of six players on a side, in which the players use their hands to bat a ball back and forth over a high net, trying to make the ball touch the court within the opponents' playing area before it can be returned. To prevent this a player on the opposing team bats the ball up and toward a teammate before it touches the court surface—that teammate may then volley it back across the net or bat it to a third teammate who volleys it across the net. A team is allowed only three touches of the ball before it must be returned over the net.



CAROMS

CAROM is an ancient Indian sport and it has been very popular almost everywhere in India. On the day when this low-key sport is getting popular, we are giving our readers a brief introduction to CAROMS.



Yoga Classes

Freshmen Engineering Department of Narayana Engineering College, Nellore had organized Yoga classes for the I-B.Tech students in the odd sem in the academic year 2019-2020. Sri. Ramesh Yoga Trainer stated that, In every student life they go from many ups and downs in their life. They are stuck between the work load, exams and many pressures. In their daily routine they go from the hectic and huge tasks which are very difficult for them to complete and in the end students go in the stress and depression which is not good for their health.

Practicing yoga for the students is necessary to keep away the stress and depression. The students of I. B.tech have participated in the yoga classes and learnt the importance of Yoga with the help of the Yoga Trainer. Staff and Students of NECN have actively participated in the event.

