

FOUNDATION COURSES

For I-B.Tech students in all areas, the Freshmen Engineering Department offered foundation courses during the odd semester of the 2022–2023 academic year. The corresponding faculty members taught the pupils the fundamentals of each subject. The Student Induction program's goals are to assist new students in settling in and becoming comfortable in their surroundings, to introduce them to the institution's ethos and culture, to assist them in forming relationships with other students and faculty members, and to expose them to a sense of greater purpose and self-exploration.

The process by which incumbents settle into or acclimatize to their new responsibilities and environments is typically referred to as induction. In other words, it is a carefully thought-out event to instruct the new participants.

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 son

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 reality that many students accepted to B.Tech programmes in engineering colleges are unable to adequately prepare for all of their classes during the first year. Because the first-year B.Tech students admitted may not have a solid background in areas like mathematics, physics, chemistry, etc. The PRSCET-organized foundation course aids in building a solid basis for newcomers so they can successfully complete the Btech programme.

For students from various origins, a big issue is their lack of English competence. Therefore, the foundation course places a high priority on improving communication abilities in English. that the students would possess the fundamental information and abilities needed to effectively complete the B.Tech degree.

DEPARTMENT WISE ORIENTATION

In the odd semester of the academic year 2021–2022, the Freshmen Engineering Department of NECN held a Branch-Wise Orientation Program as a component of the Induction Program for the I B. Tech student. The department's head of staff and staff members led the orientation programme. In each class during the orientation, there was a prayer service to begin. The staff members informed the students about the industry's expectations as well as the preparation required for students to get hired by MNCs. Additionally, the necessity of the student's holistic development was touched with, and the significance of morals was clarified.

The orientation covered various areas. They are:

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

The HODs and the staff members of respective branches shared their views and educated the students of their departments about this professional course.

COMPUTER SCIENCE ENGINEERING

In his address, the branch's HOD described to the students the significance of the branch, the subjects, the employment chances, the value of the library, labs, and project work. According to him, Computer Engineering requires practical expertise in order to be employable, just like all other engineering professions. For those working in the field of computers, there is no fast cut; one must put their knowledge into practice, and flaws will only surface when they are subjected to projects and other real-world situations. In order to function effectively, applicants who want to work in the IT business should be exposed to as much practical information as possible. To increase their chances of landing a job, students should take additional certification courses provided by Microsoft, Oracle, Redhat, etc. There ar



The orientation program for Ist B.Tech CSE



CSE HOD explains the importance of the Branch

ELECTRICAL AND ELECTRONICS ENGINEERING

The students have received a thorough explanation from the HOD of the EEE branch regarding the significance of the branch, subjects, employment opportunities, the value of the library, labs, and project work. Electrical engineers create, develop, and evaluate electrical and electronic systems and equipment using mathematical and physics principles. They work with a variety of technologies, including satellite communications, home appliances, building lighting and wiring, power transfer, and telecommunications. In areas including electronics, microelectronics, signal processing, power, and telecommunications instruments, many electrical engineers specialize.

The staff has been made aware of the relevant periodicals, journals, and reference works for the relevant areas and themes.



The orientation program for 1st B.Tech EEE and EEE HOD explains the importance of the
Branch

CIVIL ENGINEERING

In the first place, the HOD of the EEE branch has plainly made sense of, to the understudies, the significance of the branch, subjects, Open positions, the significance of library, Labs, and task works. The essential abilities which are expected for breaking structural designing position are not many, yet on the off chance that one can dominate these abilities, then the future potential is astounding. Everything begins with dealing with the basic information you want to have about your structural designing subjects.

Next is the capacity to plan. How great you are? On the off chance that you believe you are sufficient, might you at any point introduce an unfinished copy of the plan in something like an hour of inquiring? Provided that this is true, then you would deal with no issues in breaking interviews, yet while perhaps not then you want to work on planning and thoroughly considering a few plans and how you can make them tick. In basic terms, you really want to hold all that under your sleeve before attempting to land any affable designing positions.

The last expertise which is of complete significance is the capacity to deal with an emergency. Under changed requirements and crises, you should be adequately shrewd to simply decide and keep up the work. It needs a profound separation from the result and needs an impartial fixation on the work within reach. On the off chance that you can dominate the above abilities, what's in store is sublime for you as a structural specialist. The staff individuals have been educated about the connected magazines, diaries, and reference books of the concerned branches and subjects. This was gotten by the understudies with attention.



The orientation program for Ist B.Tech Civil and Civil HOD explains the importance of the Branch

ELECTRONICS AND COMMUNICATION ENGINEERING

In the first place, the HOD of the ECE branch has obviously made sense of, to the understudies, the significance of the branch, subjects, Open positions, the significance of the library, Labs, and task works. As a center ECE engineer, you'll have the option to go after the jobs of Configuration Designer, ASIC Specialist learner, Jr. Installed Architect, or Organization Backing Designer. In the event that you figure out how to sack the positions, you'll be able to work in the field of circuit plan, remote correspondences, advanced mechanics, gadgets, VLSI, Nano Innovation, Implanted Frameworks, Computerized Hardware, Optical Interchanges, Signal Handling, Control Frameworks, Simple Gadgets, Systems administration, etc. The staff individuals have been educated about the connected magazines, diaries, and reference books of the concerned branches and subjects. This was noted by the understudies with fixation.



The orientation program for Ist B.Tech ECE and ECE HOD explains the importance of the Branch

MECHANICAL ENGINEERING

The HOD of the ME branch, as a piece of direction, made sense of, to the understudies, the significance of the branch, subjects, Open positions, the significance of library, Labs, and task works. He said that making machines are very nearly a fantasy for each youngster. The Requirement for Speed game series for instance is much more than quick vehicles. It has a ton to do with the mechanical subtleties of the vehicle. Mechanical designing is similarly as tomfoolery. Being the broadest of the designing fields, occupations proposed to gifted mechanical architects are in abundance and ceaseless. Enterprises like vehicles, space research, bio-mechanical, aeronautical, and so on are continually searching for mechanical architects. In broad terms, a mechanical engineer can be hired under the following segments:



The orientation program for Ist B.Tech ME and ME HOD explains the importance of the Branch



The resource person explaining the importance of R and D cell

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 investigate and test various kinds of machines and their parts to guarantee that they capability faultlessly. The staff individuals have been educated about the connected magazines, diaries, and reference books of the concerned branches and subjects. The understudies, with incredible interest, got the data.

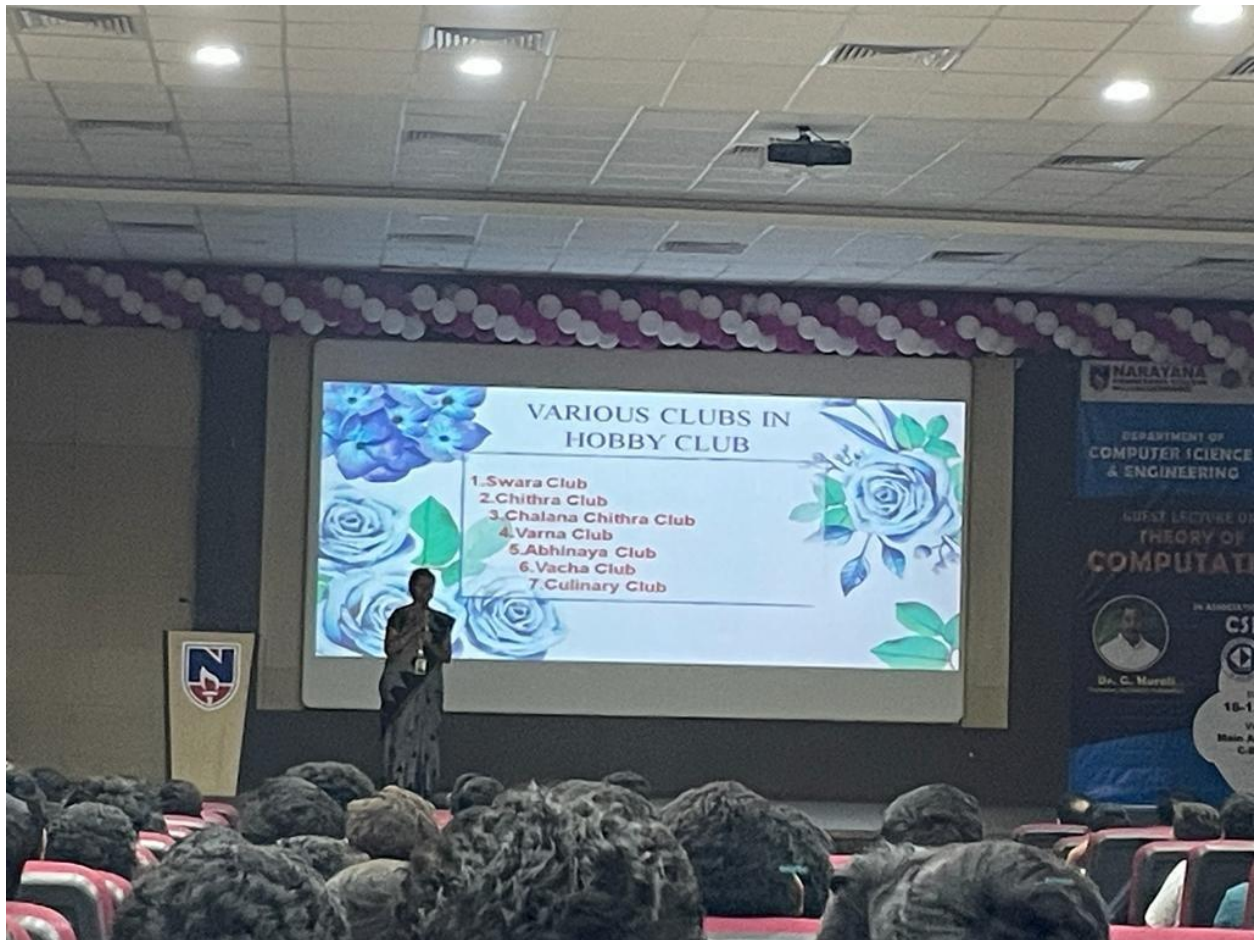


Honouring of resource person by Dr.D.Dhanunjaya sir.

HOBBY CLUBS

Rookies Designing Branch of Narayana Designing School, Nellore coordinated an Acceptance Program on Side Interest Clubs for the first-year understudies of Scholarly Year 2021-22. We visitor and organized a few studios for the understudies of NECN. Leisure activity Clubs of NECN have been shaped to foster the understudies' gifts and work on their abilities to help them in securing valuable information and to get the understudies familiar with partaking in friendly exercises, to cultivate fraternity among them.

Side interests Center is a stage to draw out the inert gifts of understudies, giving an enough of a chance to trade their thoughts, share their perspectives, and display their gifts. We made sense of for them the Rundown of Clubs under Side Interest Clubs, Swara Club Singing Melodies (with Track) Singing Tunes (without Track) Vachas Club: Address JAM, Chitra Club: Actually Photo Untamed life Photography Individuals and Spots Photography Nature Photography Varna club: Painting, Best from Squander, Mahanadi Plan and Rangoli, Chalana Chitra Club: Short Movies, Abhinaya Club: Play



The orientation program conducted for Ist B.Tech students and explains the importance of the Hobby club



Mrs. Shanti madam , Hobby club in-charge giving prizes to winners



Group photo with hobbies club incharge

HUMAN VALUES AND PROFESSIONAL ETHICS

The Rookies Designing Branch of Narayana Designing School, Nellore coordinated a Mindfulness Program on Human Qualities and Expert Morals on our grounds. We welcomed Sri. B. Sai Kumar, Part Ramakrishna Seva Samithi. He expressed that Human qualities and morals characterize the honest convictions and moral commitments of man. Values, morals, and ethics remain inseparable. Man's qualities and assume a fundamental part in assessing individuals' occasions and activities. As such, they are the personality of an individual

These qualities hold a pivotal job in profound development and social and self-improvement. Protecting them is the main point of support and groundwork of an extraordinary person. Because of that, the significance of human qualities and moral jobs' is unquestionable. This article will characterize human qualities and human morals. It will likewise get a stride ahead to feature the significance of human qualities and morals in the public turn of events and socialization among various people. Staff and understudies of Taken care of have effectively partaken in the occasion.



Resource person interacting with with I B.Tech students

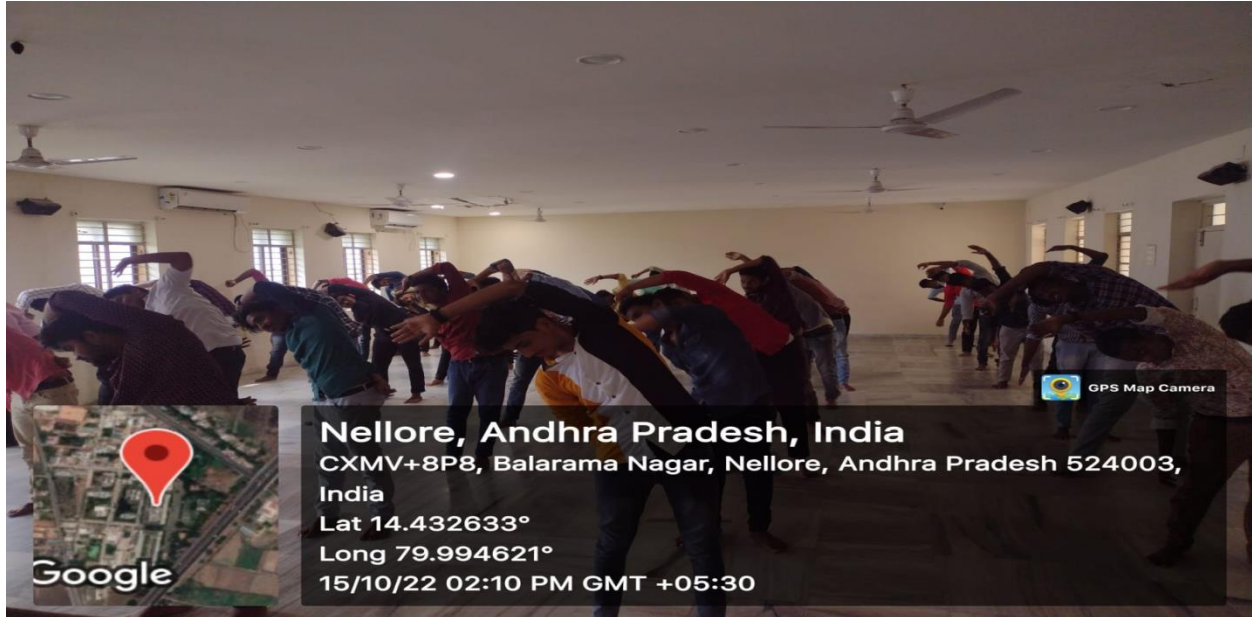


I B.Tech students participating in event

YOGA CLASSES

Green beans Designing Branch of Narayana Designing School, Nellore had coordinated Yoga classes for the I-B.Tech understudies in the odd semester in the scholastic year 2021-2022. Sri. Yoga Coach expressed that in each understudy's life they go through many high points and low points in their day to day existence. They are stuck between the responsibility, tests, and many tensions. In their everyday daily schedule, they go from furious and immense assignments which are extremely challenging for them to finish, and eventually, understudies go to pressure and wretchedness which isn't really great for their wellbeing.

Rehearsing yoga for the understudies is important to fend off pressure and melancholy. The understudies of I. B.Tech have taken part in the yoga classes and took in the significance of Yoga with the assistance of the Yoga Coach. Staff and Understudies of NECN have effectively partaken in the occasion.



I B.Tech students doing YOGA



I B.Tech students doing meditation



I B.Tech girl students doing YOGA



The Yoga program conducted for Ist B.Tech students and explains the importance of the yoga

SPORTS

As a part of the Induction Program, the Freshmen Engineering Department of Narayana Engineering College, Nellore organized various sports for to first B.Tech students of Academic Year 2021-22 in our campus Playground. We encouraged our students to participate in all the games both in the door and out the 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 is a 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 must be returned over the net.



I B.Tech students playing games



I B.Tech students playing throw ball

CAROMS

CAROMS 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



I.B.Tech students playing carroms



I B.Tech students playing Chess

LOCAL AREA VISIT

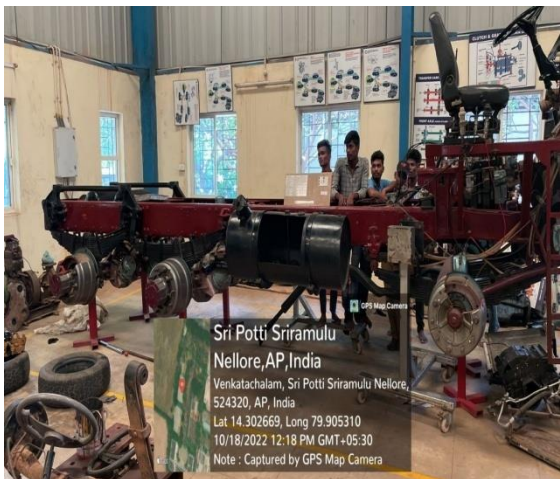
TO VIJAYA DIARY

Local Area Visit to Vijaya Diary As a part of the Induction Program, the 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 participated. in the visit. Sri. K. Ramurthygaru, 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 they 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 the Induction Program, the Freshmen Engineering Department of Narayana Engineering College, Nellore organized a Local Area Visit to Janani Orphanage, Nellore. First Year Students of ECE and CSE participated in the event. We collected the amount and other provisions from our students and donated them to Sri. K. Padmavathi Madam, Chairman of Sri, Janani Orphanage, Nellore. We invited Mr. K. Prabhakar Garu, DSP, Nellore as a guest of honour 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 endeavours also. Staff and students have actively participated in the event...



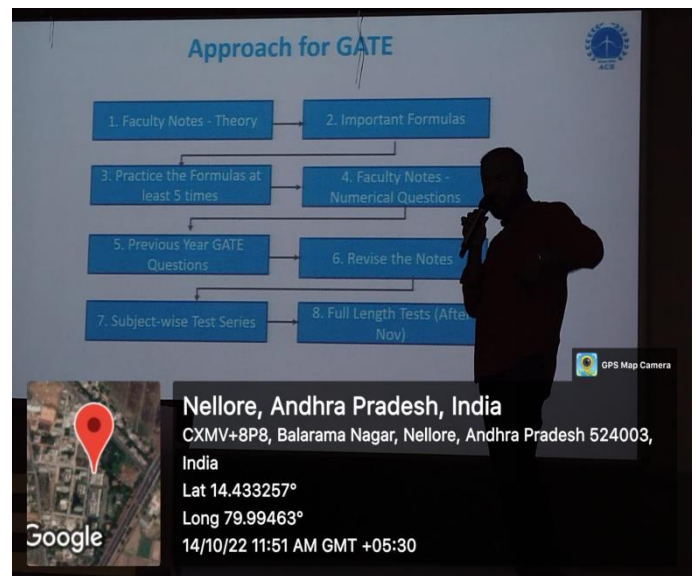
Industrial Visit for I.B.Tech students



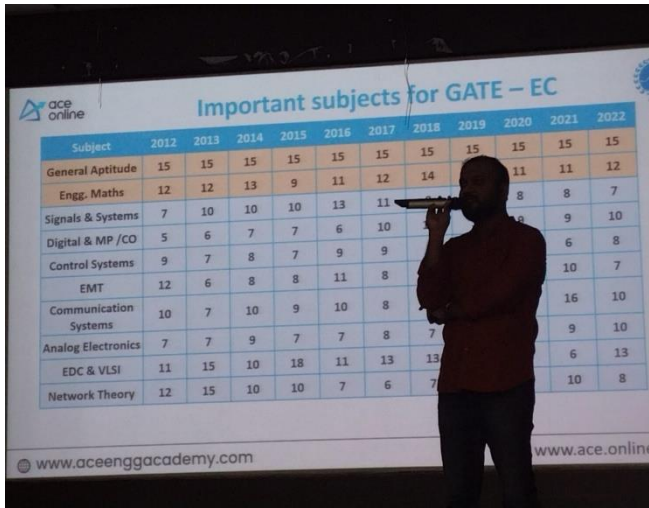
Industrial Visit for I B.Tech students

CAREER GUIDANCE

The carrier guidance given by ACE academy from **HYDERBAD** GATE examination generally stands for Graduate Aptitude Test in Engineering. It is the most famous national level engineering entrance examination. Numerous candidates from all over India attend this examination to successfully get admission in M. Tech engineering program. Well, the stakes and competition are high, so it is important for the students to get ready for gate exams. With the support of some awesome or cool tips and tricks only you can crack exams with ease. These tactics will definitely help you to optimize your confidence level and performance level at the same point of time for the GATE entrance exam. Careerguide.com has accumulated and represented the relevant tactics in the well-articulated format, so that students can refer to it for the preparation purposes. If aspirants follow tips and tricks obediently then the candidates can taste success definitely by scoring well. Read the full piece of information to get familiar with the tricks and tips to prepare for GATE



I B.Tech HOD with the resource person interacting with students regarding career opportunities



ace online

Important subjects for GATE – EC

Subject	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
General Aptitude	15	15	15	15	15	15	15	15	15	15	15
Engg. Maths	12	12	13	9	11	12	14			11	12
Signals & Systems	7	10	10	10	13	11			8	8	7
Digital & MP /CO	5	6	7	7	6	10				9	10
Control Systems	9	7	8	7	9	9				6	8
EMT	12	6	8	8	11	8				10	7
Communication Systems	10	7	10	9	10	8				16	10
Analog Electronics	7	7	9	7	7	8	7			9	10
EDC & VLSI	11	15	10	18	11	13	13			6	13
Network Theory	12	15	10	10	7	6	7			10	8

www.aceenggacademy.com www.ace.online



Conducted a program carrier guidance given by ACE academy from HYDERBAD for all the 1st B.Tech students at Nellore and felicitate Mr. M. Ramesh garu for organizing the program.

HOD-FED

Principal