



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A REPORT ON "Career Confusions"

1	Name of the Activity/Event	Webinar on "Career Confusions"		
2	Date of Activity/Event	19/11/2021		
3	Organized by/Name of the committee	Dept. of Electronics & Communication Engineering		
4	Place of Activity/event	Narayana Engineering College, Nellore		
5	Resource person/guest/organization	Ms. Sree Mayusha Senior Software Engineer, Robert Bosch, Bangalore.		
6	Type of activity/Event	Virtual Seminar(IIC)		
7	Activity/Event Objectives	<ol style="list-style-type: none"> To understand various opportunities after B.Tech. To make their decision easier after their engineering studies. To obtain a challenging position in a high quality engineering environment. 		
8	Participation	Students	Faculty	Total
		88	-	88
9	General remarks	The sessions are helpful to the students about selecting the right path after B.Tech.		
10	Suggested Improvements	It would be useful if there is face to face interaction.		
11	Enclosures	<ol style="list-style-type: none"> Request letter Circulars Report Attendance 		
12	Signature of In charge/convener			

A BRIEF DESCRIPTION OF THE EVENT:

Department of Electronics and Communication engineering has conducted a virtual seminar on "Career Confusions" under IIC for IV B-Tech ECE students on 19-11-2021. The Resource Person for the event is Ms. Sree Mayusha, Senior Software Engineer, Robert Bosch, Bangalore.

The Head of the Department Dr. K. Murali introduced the resource person. The Resource person started her lecture by stating that Engineering is one of the brightest and evergreen profession which has a great demand. Every year lot of students try hard to crack the entrance exams and select the engineering stream which they have an interest in. A degree in B.Tech (also known as engineering degrees) is one of the most popular fields of education these days.



Dr. K. Murali, HOD of ECE introducing the resource person.

The 4-year B.Tech course is offered by many engineering colleges across India. Once you have completed engineering, what next? But what to do after studying B.Tech? Which course or programme should you study after B.Tech that will help you get a job in future? What kinds of job opportunities are available after completing B.Tech? These questions are faced by many engineering students in the fourth year of B. Tech.

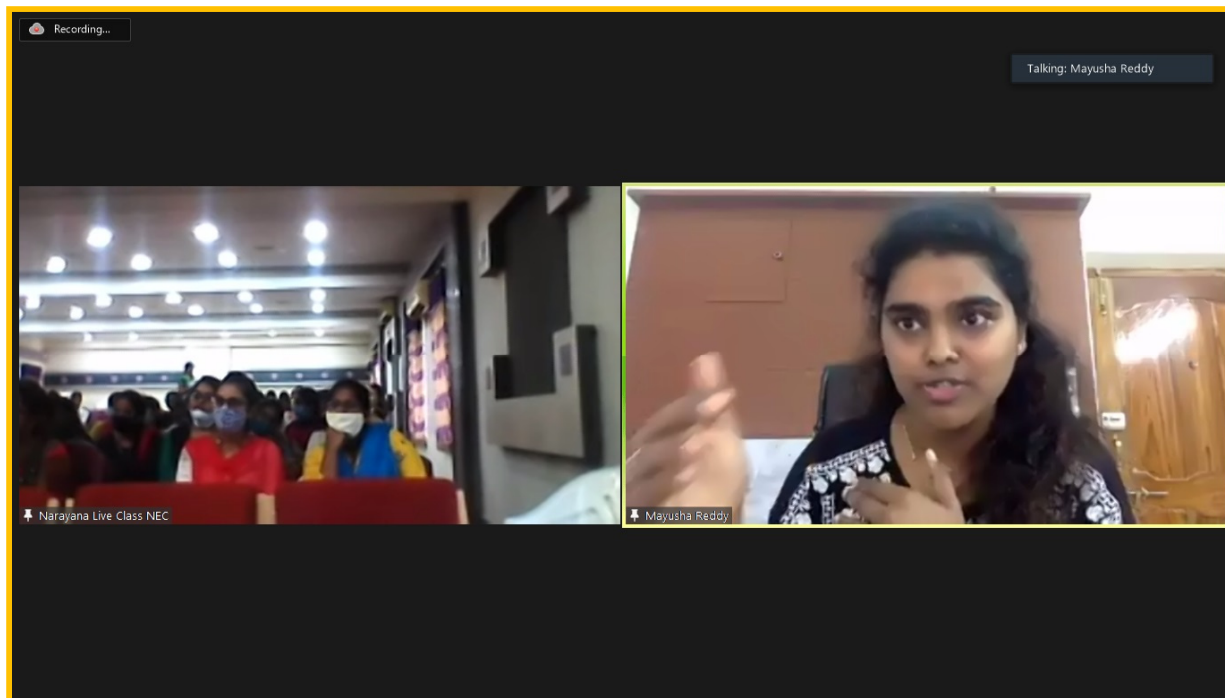
There are few myths that are common regarding engineering. Some of the myths of engineering you should know are,

- Engineers have super-powers
- Engineering is more valuable than science
- Requirement of more IITs
- A person having B.E/B. Tech graduate is an “Engineer”
- Management degree along with engineering is a great compilation.
- R&D engineering is best done by foreign MNCs.

Well... There are many routes you can take after completing your B.Tech. However, with the huge number of career options available, it is natural that you may feel confused about which one to select. Choosing the right career is a very important step and should be taken carefully.

After completing the B.Tech course, candidates can either pursue higher studies (one popular exam that they can give for this is GATE) or consider pursuing a job after B.Tech in the field of their choice. Although M.Tech is a natural course choice after completing a B.Tech course, these days many students opt to take up an MBA course after completing their B. Tech degree program.

Other options that aspirants can consider include picking up a job at a PSU (Public Sector Undertaking), taking the Civil Services entrance exam, or joining a private company.



Resource person explaining overview of career opportunities after B.Tech.

What to do after B.Tech – Top Career Opportunities:

It is a dream for most of the Science stream school students to become an engineer. Most students get into engineering without knowing what they like or what they want to do after B.Tech, which is why India has a huge number of B.Tech graduates.

In such a scenario, where the Indian job market seems to be saturated with engineers, this is the time for you to decide – which career option to choose after B.Tech. Later the resource person explained the most comprehensive list of career opportunities and ***jobs after B.Tech:***

1. B.Tech College Placements

College placements are one of the most popular career options after engineering. They have become an integral part of the offerings of good engineering institutes. Campus placements take you directly to recruiters without much effort and offer you a chance to get a lucrative job. Candidates who want to take part in B.Tech campus placement need to keep the following points in mind:

- Keep your resume ready and up-to-date
- Maintain a good score in their subject and be well-aware of what all you did in your internship and your B.Tech project
- Participate in extracurricular activities
- Prepare for group discussions
- Do proper research and study about the companies you are applying for

2. Higher Studies – Courses after B.Tech:

Pursuing higher studies is another most popular career option after engineering. After completing the B.Tech course, the natural flow is that aspirants take admission in an M.Tech program. You can prepare for the GATE (Graduate Aptitude Test in Engineering) exam that will test your comprehensive understanding of undergraduate engineering subjects and help you enter the IITs and NITs for M.Tech. Another option is to prepare for the JAM exam to take admission in some of India's top colleges for Master's in Science courses. Apart from these degree courses, candidates can pursue short-term and diploma courses after completing their B.Tech course. There are many benefits of certifications, such as they:

- Expand knowledge and skills
- Increase earning potential
- Give you a competitive advantage
- Boost professional credibility
- Enhance the pay scale

3. A Job at a PSU (Public Sector Undertaking):

PSUs include the companies that are partially owned by the state or central or both government sectors. Some of the popular PSU companies include BHEL, LIC, Hindustan Copper Limited, and NALCO. PSUs recruit employees based on two categories:

- with a valid GATE score
- without a GATE score

4. Study Management:

Studying management is a popular career choice among engineering graduates. B.Tech and MBA is a great combination that recruiters look for, which is why many students take up an MBA course after B.Tech.

An MBA degree in your resume can help you get management roles in renowned organizations like Accenture and TCS. To enter the management field, you can give the CAT exam (Common Aptitude Test) and get a good score to enter into the management college of your choice.



Students listening about the various career opportunities after B.Tech

5. Take the Civil Services Entrance Exam:

If you aspire to serve the nation, then taking the Civil Services Exam is the best option that you can take up after engineering. For this, you will have to clear the UPSC civil services exam. It is considered one of the toughest examinations. Thus, it is recommended that you start preparing for at least a year before applying. On getting a high rank in the examination, you can get the prestigious positions of IAS, IPS, or IFS. The UPSC Engineering Services selection process is divided into three stages:

- Stage-I: Engineering Services (Preliminary/Stage-I) Examination (Objective Type Papers)
- Stage-II: Engineering Services (Main/Stage-II) Examination (Conventional Type Papers)
- Stage-III: Personality Test

6. Serve the Nation – Join the Defense:

If you are patriotic and are eager to serve the country, then you can join the Indian Army or Navy, or Air Force after B.Tech. Indian army has a highly skilled technical wing that supports the troops on the field. Thus, there are many opportunities for engineers in the technical wings of the Indian army. You can take up the University Entry Scheme (UES), Air Force Common Admission Test (AFCAT), or Short Service Commission (SSC) Entrance Test after B.Tech to enter this field.

7. Entrepreneurship:

You can also choose the path of entrepreneurship after engineering. Gone are the days when engineering graduates used to stay away from entrepreneurship. Nowadays, the success of many startups inspires many engineers to set up their own businesses. As an engineer entrepreneur, you will have the freedom to express your creativity and ideas

8. A Job in Private Sector:

The career opportunities after B.Tech are more in technical fields. Apart from the public sector, any engineering graduate can secure a good job in the private sector as well. Besides getting hired as engineers, B.Tech graduates are also recruited as researchers, consultants, subject matter experts, and more.

Later, the resource person concluded that for any student thinking to enroll in a Bachelors in Technology, the best way to approach the situation is to find out what you like. You can do anything after B.Tech with the number of career options available. In case of any doubts, read about the courses, reviews, and how particular courses helped individuals achieve what you're planning.

Finally, the resource person clarified the queries asked by the students. Some of the queries asked by students are as follows:

- Which is the most popular B.Tech entrance exam conducted in India?
- Which specializations can B.Tech students opt for?
- What career opportunities are available for B.Tech graduates?
- What is the average salary offered to a B.Tech graduate?



Resource Person clarifying student's queries

At the end Dr. K. Murali, HOD of ECE expressed gratitude to the resource person for giving valuable suggestions regarding various career opportunities that are available after B.Tech.

Total Number of participants:88