

CAREER GUIDANCE

Compiled by

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Dean Career Guidance



GOKARAJU RANGARAJU

Institute of Engineering and Technology

(Autonomous)

**Griet
SKILL
SERIES**

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Career guidance

Career Guidance is the guidance given to individuals to help them acquire the knowledge, information, skills, and experience necessary to identify career options, and narrow them down to make one career decision. This career decision then results in their social, financial and emotional well-being throughout.

What am I going to do after B.Tech

If you are an engineering student in your seventh semester, the big question would be "What am I going to do after B.Tech?". Every one has certain aspirations, plans and the selection of what they aspire to be in the future should be according to these emotions. This is the time when you have to decide where you want to be in the future and how you should go about it. Giving here various Career options that you can follow after completing your B.Tech.



Top 10 options for you to do after B.Tech

1. Campus Placement:

If you are someone who has no more interest in pursuing further studies, then the campus placements are the answer to your question of what to do after B.Tech. Most good engineering institutes like GRIET have the facility and do offer good placement opportunities. Try to apply for jobs which interest you while keeping in mind the field of engineering you are studying so that you can shine in your chosen career.

2.Higher Studies(M.Tech) in India:

This option is only to be taken if you are interested in specializing further. M.Tech or MS by research is the next step to look into with a focus on specialization you wish to take up and excel in. Specialization will provide an edge over others at a later stage especially during job interviews. To pursue M.Tech in the top engineering institutes such as IITs, NITs and CFTIs, Graduate Aptitude Test in Engineering (GATE) is the exam to appear for.



3. Higher Studies (MBA) in India:

Have you increasingly felt that engineering was not your true call? Well, then its time to look at other options to do after B.Tech. Management or Business are areas that are popular choices even amongst engineering graduates. CAT (Common Admission Test) is the most commonly taken entrance exam for entry to the IIMs and other leading institutes. Other popular and well known entrance examinations are XAT (Xavier's), NMAT, SNAP, CMAT, TISS, IRMA, ICFAI, ISB and more.



4. Adding expertise or certification –Courses

If you wish to make engineering your career but want to have an edge over the others without spending a lot of time on studying further, certification courses are the options for you. Courses such as embedded technology, VLSI, robotics, ethical hacking, protocol testing, machine designing, Artificial Intelligence, Machine Learning, Programming languages or Networking courses, or tool design courses, survey and construction management courses, or Electrical Transmission and power distribution certification courses and more are some specialized courses to name a few.



5. Higher Education in Abroad (MS & MBA)

One of the things on the wish list of students is to go abroad to study further. It is no secret that facilities provided by the foreign Universities are better than those that are available here. If your wish is to explore and experience an entirely new culture while studying then going abroad is the best option for you. While studying, you could also check the various fellowships in research and development category available abroad. Many scholarships are open to students with full or half funding. Start with the country you wish to go to, collate a list of courses/colleges/universities to apply to. Check the eligibility and see if you meet or take the necessary steps to fulfill the criteria. Apply for all available scholarships. Qualifying in exams like GRE, TOEFL, GMAT, MAT etc is generally a pre-requisite so apply to these and qualify as per the criteria. For



6. Be your Own Boss - Entrepreneurship:

With the success of many startups in recent years, setting up your own business could be a good idea especially if you are someone with such an intent. This is one option after B.Tech that will let you have the freedom to express your creativity and ideas. However, its not all sunshine and rainbows on this path. Starting your own business will require a lot of hard work, patience and the strength to put up with setbacks. The path will be full of challenges as well as ups and downs that you will need to overcome.



7. Crack the Civil Services Examination:

: One of the toughest and most attempted examinations of our country is the Civil Service Exam to go into the administrative side of the government. For engineering graduates, there is the Indian Engineering Services in addition to the civil services one. If you are someone who is inclined to a government job will provide you with much better facilities and a safeguarded future, then start preparing for the civil service examinations.



8. Serve your country:

Always been a patriotic one? Interested in serving the nation? Take this opportunity to join the Indian Army/Navy/Air Force or any other wing. So a career would assure you a good future while fulfilling your passion to serve the country. NDA Entrance Test, AFCAT are some exams that could be the next step after your B.Tech.



09. Bring a Change to the World:

If you are one of those people who strongly wish to bring a change, then you could start working for a Non-Governmental Organization (NGO). You could also start one of your own. These non-profit organizations are some means to change lives, help underprivileged people in the country. Through this option, you will be able to apply your technical skills to innovate the lives of the underprivileged masses and bring a change in them.



10. Change the World through Agricultural & Cultivation:



The livestock sector contributes to economic and social development as well as to food security. Due to its strong positive interrelations with agricultural production, livestock production is generally an integral part of farming systems. Agriculture is the mainstay of our economy. It provides food to our millions and raw materials for our industries. Work in agricultural sectors ranges from the totally academic pursuits of research and teaching to inspection and other supervisory work to commercial activities of establishing farms, plantations, orchards and carrying on exports of produce from them. The impact of agriculture is not only on the production of food grains, vegetables and fruits, but on so many agriculture dependent industries which get its raw material from agriculture sector.

Career Options in Agricultural and Food Management
Agricultural engineering, Food Processing
Horticulture, Forestry
Aquaculture, Dairy Farming
Plant Pathology, Environmental Engineering
Poultry, Dairy Technology & Management, Sericulture, Apiculture

About Various Engineering Branches and its Core areas

Civil Engineers are concerned with planning, investigation, survey, design, supervision, and all work connected with construction. They specialize in structural engineering, water management engineering, highway engineering, environmental engineering, geotechnical engineering, or environmental engineering

Mechanical Engineers are design, operate and maintain machines, components, machine tools, manufacturing systems and processes, components of thermal power stations, solar energy, air conditioning and refrigeration and industrial engineering.

Electrical Engineers are concerned with the generation, distribution, use of electrical power, control and instrumentation. They work with equipment that produces and distributes electricity such as generators, transmission lines, transformers, lighting and wiring in buildings. They design electric motors, machinery and ignition systems which are required by automobiles.

Electronic and Communications Engineers are concerned with electronic components, integrated circuits and microprocessors. Design, fabricate, test, maintain and supervise the manufacture of electronic equipment. Telecommunication Engineers deal with communication systems eg..satellite, communications, TV, Radar, navigational communications equipment, all types of information and transmission networks.

Computer science and engineers & Information Technology (CSE & IT) are concerned with Computer fundamentals, Organizational characteristics, functionalities of operating systems and programming concepts and its application designs. CSE programs also include core subjects of computer science such as theory of computation, design and analysis of algorithms, data structures and database systems.

Best Timeline Options

Sem/Year	I/I	1/II	II/1	II/II	III/1	III/II	IV/I	IV/II	
Placement									
GATE									
CAT									
GRE/GMAT/ TOEFL/IELTS									
CIVILS, IES									After B.Tech
Campus Training	CRT	CRT	CRT	CRT	CRT	CRT	CRT	CRT	
Swayam/ Certification Courses	C/Oxford/Microsoft/DS/JAVA /DBMS, C++/ CCNA Oracle /Swayam Courses				Swayam Courses Swayam Courses Swayam Courses				

Important Websites:

https://www.mygov.in/	Government of India
https://www.aicte-india.org/	AICTE
https://www.ugc.ac.in/	UGC
https://internshala.com/	AICTE-Internships
https://swayam.ac.in/	On-line Courses
https://www.edx.org/	On-line Int-Courses
https://www.swayamprabha.gov.in/	On-line Videos Lectures
https://www.nscindia.org/	NSDC
http://www.nsic.co.in/	NSIC
https://ndl.iitkgp.ac.in/	National Book Library
https://www.ets.org/gre	GRE
https://www.ets.org/toefl	TOEFL
https://www.ielts.org/	International English
https://www.mba.com/	MBA(GMAT)
https://iimcat.ac.in/	CAT
http://gate.iitm.ac.in/	GATE
http://mhrd.gov.in/	MHRD
http://www.upsc.gov.in/	UPSC
https://tspsc.gov.in/	TSPSC
https://www.tsche.ac.in/	TSCHE
https://www.task.telangana.gov.in/	TASK

Career Calendar 2020-2021

Name of the Exam(s)/ Process	Notification /Process	Exam/Process	Website for information
Placements	Throughout the Year	2020	www.griet.ac.in
GATE	Notification in September 2020	Exam in February 2021	www.gate.iisc.ac.in
CAT	Notification in July 2020	Exam in November/ December 2020	https://iimcat.ac.in/
GRE/ TOEFL/ IELTS/ GMAT/ MAT	Notification Throughout the Year 2020	Exams in Throughout the Year 2020	https://www.ets.org/gre , https://www.ets.org/toefl , https://www.ielts.org/ https://www.mba.com/
IES/ ESC (UPSC)	Notification in March 2020	Exam in June 2020	http://www.upsc.gov.in/
IAS/ IPS /IFS/ IRS etc....(UPSC)	Notification in February 2020	Exam in June 2020	http://www.upsc.gov.in/



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