

UG Courses in Anna University

Faculty of Civil Engineering

S.No	Department	Course	2016 Cut off marks (BC)	2016 placement	Opportunities
1	Civil Engg (CEG)	B.E Civil Engineering	197	26	Civil engineers design, plan, organise and oversee the building of structures such as dams, bridges, gas and water supply systems, sewerage systems and roads. Chances of getting a job as a civil engineer are good due to a shortage of people in the role and increasing construction activity.
		B.E Civil Engineering (Tamil medium)	183	5	
		B.E Geo Informatics	194	14	The geoinformatics field is in its early stage and expanding at a rapid pace as more industries are employing spatial data to manage their activities. Most of the countries in the world have started specializing in Geographical Information System (GIS) after understanding its future impact. It is a key emerging and evolving industry in the 21st century that offers an excellent career avenue with immense potential and many as-yet undiscovered opportunities like in spatial data visualization, spatial Intelligence, augmented reality in Geo-space and conservation of the earth data.
		B.E Agricultural and Irrigation	193.25	7	Employment of agricultural engineers is projected to grow 8 percent over the next ten years, about as fast as the average for all occupations. The need to increase the efficiency of agricultural production systems and to reduce environmental damage should maintain demand for these workers. Typically, graduates of engineering programs have good job prospects and can often enter related engineering fields in

					<p>addition to the field in which they have earned their degree. Agricultural engineering offers good opportunities, but it is a small occupation, and engineers trained in other fields, such as civil or mechanical engineering, also may compete for these jobs. Graduates of biological and agricultural engineering programs may have some advantage when applying for agricultural engineering jobs, but some may also find good prospects outside of the agricultural sector.</p>
--	--	--	--	--	--

Faculty of Mechanical Engineering

S.No	Department	Course	2016 Cut off marks (BC)	2016 placement	Opportunities
1	Mechanical Engg (CEG)	B.E Mechanical Engineering	198	89	<p>Employment of mechanical engineers is projected to grow 9 percent over the next ten years, as fast as the average for all occupations. Mechanical engineers can work in many industries and on many types of projects. As a result, their growth rate will differ by the industries that employ them. Prospects for mechanical engineers overall are expected to be good. They will be best for those with training in the latest software tools, particularly for computational design and simulation. Such tools allow engineers and designers to take a project from the conceptual phase directly to a finished product, eliminating the need for prototypes.</p>
		B.E Mechanical Engineering (Tamil medium)	185.5	9	

		B.E. Material Science and Engineering	192.5	15	Materials science and engineering graduates are employed in a range of sectors, including: aerospace, armed forces and defence, automotive, manufacturing, nuclear industry, oil and gas, pharmaceuticals, telecommunications and utilities. Developments in the field of nanotechnology and in the use of biomedical materials, high-performance textiles, composites and sustainable materials, are also creating more job opportunities.
2	Department of Mining Engineering (CEG)	B.E Mining Engineering	194.75	7	There are various opportunities that a mining engineer will obtain, considering that many countries are focused on mining the resources in their geographical boundaries. Countries in the middle east like Qatar, Saudi Arabia, and Kuwait provide excellent job opportunities for job aspirants with good qualification.
3	Department of Printing Technology (CEG)	B.E Prining Technology	189.25	19	Print communication is one of the strongest and powerful media of mass communication which is growing very rapidly. Books, newspapers and magazines come to mind most often when people think about printed products. There is a huge opening for qualified printing professionals in India.
4	Department of Manufacturing Engineering (CEG)	B.E Manufacturing Engineering	194.5	23	The top-tier positions in this career field are typically found in aerospace products and parts manufacturing , and the highest salaries are found in computer and electronic product manufacturing .

5	Department of Industrial Engineering (CEG)	B.E Industrial Engineering	193.75	22	Employment of industrial engineers is projected to grow 10 percent from 2016 to 2026, faster than the average for all occupations. This occupation is versatile both in the nature of the work it does and in the industries in which its expertise can be put to use. Many companies will be seeking to make use of new technologies to automate production processes in many different kinds of industries, including manufacturing industries. Those with knowledge of manufacturing engineering may find better prospects for employment.
6	Department of Aerospace Engineering (MIT)	B.E Aeronautical Engg	196.25	14	Most of the work of aerospace engineers involves national defense-related projects or the design of civilian aircraft. Research-and-development projects, such as those related to improving the safety, efficiency, and environmental soundness of aircraft, will help sustain demand for workers in this occupation. Engineers in this occupation will find employment in designing and perfecting these vehicles for specified uses.
7	Department of Automobile Engineering (MIT)	B.E Automobile Engg	194.5	33	This field requires lots of hard work and dedication to learn the profession and to achieve the success. Engineers in this field deals with creation, design, service, and manufacture of different vehicles which works efficiently and produce good result to satisfy the customers. Due to growth in automobile sector the job opportunities are also growing. There are opportunities lying in the area of manufacturing, service station, transport companies, defense services.
8	Department of Production Technology (MIT)	B.E Production Engg	194.25	23	Production engineers work in the sphere of manufacturing, overseeing the production of goods in many industries at factories or plants. Their main job is to ensure that all products are manufactured with utmost efficiency and quality, according to planned protocols using the appropriate technology.
		B.E Mechanical Engineering	197.25	Not applicable	

Faculty of Electrical Engineering

S.No	Department	Course	2016 Cut off marks (BC)	2016 placement	Opportunities
1	Department of Electrical & Electronics Engineering (CEG)	B.E Electrical and Electronics Engineering	197.75	48	The rapid pace of technological innovation will likely drive demand for electrical and electronics engineers in research and development, an area in which engineering expertise will be needed to design distribution systems related to new technologies. These engineers will play key roles in new developments with solar arrays, semiconductors, and communications technologies. The need to upgrade the nation's power grids will also create demand for electrical engineering services. Additionally, these engineers may play a role in assisting with the automation of various production processes.
2	Department of Instrumentation Engineering (MIT)	B.E. Electronics and Instrumentation Engineering	195.75	74	Opportunity exist in all industry. Nowadays, almost all industries are automated. Automation being one of the latest trend in all Industries, is therefore highly in need for expertise in the field of Electronics and Instrumentation to achieve their requirements.

Faculty of Information and Communication Engineering

S.No	Faulty	Course	2016 Cut off marks (BC)	2016 placement	Opportunities
------	--------	--------	-------------------------	----------------	---------------

1	Department of Electronics and Communication Engineering (CEG)	B.E Electronics and Communication Engineering	197.5	148	<p>ECE students can develop an exciting career in industries like consumer electronics manufacturing organization, Telecommunication & IT industries, Health care equipment manufacturing, Mobile communication (2G,3G,4G), Internet technologies, Power Electronics, and other industries like steel, petroleum and chemical industry etc.</p> <p>Graduates in Electronics Engineering also have lots of opportunities in Government and private companies in the areas of design, manufacture, installation, operation, and maintenance of electronics equipment and systems.</p>
		B.E Biomedical Engineering	195.75	28	<p>Students interested in becoming biomedical engineers should take high school science courses, such as chemistry, physics, and biology.</p> <p>Biomedical engineers likely will see employment growth because of increasing possibilities brought by new technologies and increasing applications to medical equipment and devices. Smartphone technology and three-dimensional printing are examples of technology being applied to biomedical advances.</p>
2	Department of Computer Science and Engineering (CEG)	B.E Computer Science and Engineering	197.5	143	<p>The opportunities are vast for a cse graduates. They may chose any of the following area: Software developer, Software tester, Network administrator, Database administrator, Database designer, Database operator, Website designer, Website developer, Teacher, Mobile application developer, Robotics expert, Software analyst, Mobile expert, Software support analyst, Startup</p>

3	Department of Information Science and Technology (CEG)	B.Tech Information Technology	196.5	88	IT & ICT professionals work in a variety of sectors including finance, property and business services, as well as the primary IT & ICT sectors. Employment opportunities for ICT graduates are strong. The ICT industry did not succumb to the effects of the recent Global Financial Crisis as compared with many other sectors, and ongoing investment in technology and IT infrastructure suggests strong employment growth in the coming years.
4	Department of Computer Technology (MIT)	B.E. Computer Science and Engineering	197	107	
5	Department of Information Technology (MIT)	B.Tech Information Technology	195.75	78	
6	Department of Electronics Engineering (MIT)	B.E Electronics and Communication Engineering	196.75	126	

Faculty of Technology

S.No	Faulty	Course	2016 Cut off marks (BC)	2016 placement	Opportunities
1	Department of Chemical Engineering (ACT)	B.Tech. Chemical Engineering	195	59	Demand for chemical engineers' services depends largely on demand for the products of various manufacturing industries. The need to find alternative fuels to meet increasing energy demand while maintaining environmental sustainability will continue to require the expertise of chemical engineers in oil- and gas-related industries. In addition, the integration of chemical and biological sciences and rapid advances in innovation will create new areas in biotechnology and in medical and pharmaceutical fields for them to work in. Thus, those with a background in biology will have better chances to gain employment.
2	Department of Ceramic Technology (ACT)	B.Tech Ceramic Technology	186.75	13	Ceramics play an important in our day to day life, some of the items that include ceramic are glass light bulbs, jet engines, computers, cars and many household appliances. A graduate in ceramic engineering can find numerous job opportunities in various domains like medicine, mining, aerospace, food and chemical industry, electronics, refinery, Industrial & Transmission Electricity and Guided Light Wave Transmission.
3	Department of Textile Technology (ACT)	B.Tech Textile Technology	190.25	7	Finding a job for a textile graduate isn't that hard as there ain't much textile engineering colleges in India compared to other engineering branches. Clothing being the second basic need the textile field may never abolish but, automation will play its role. Automation will bring down the labour requirements but even to operate/train robots we need humans. Technical Textiles which will be the leading sector of textiles in the coming future you have tremendous scope.

4	Department of Bio-Technology (ACT)	B.Tech Industrial Bio-Technology	194.5	22	Industrial biotechnology engineers can seek employment in chemical and textile industries, agricultural sectors, pharmaceutical firms and manufacturing industries.
		B.Tech Food Technology	192.75	7	A professional in the field of food technology can find the employment in the field of food manufacturing plant, research and development labs, catering companies, food whole sellers, restaurant and the hospital.
		B.Tech Pharmaceutical Technology	191.75	7	The pharmaceutical sector offers huge scope for engineers to work in the development and manufacture of drugs. A strong background in Chemistry is imperative, while Mathematics and Physics also play an important role in the subject matter of this course. Only those who are interested in entering the pharmaceutical industry are advised to take this course.
5	Department of Rubber and Plastic Technology (MIT)	B. Tech. Rubber and Plastics Technology	190.75	10	The Rubber and Plastic Technology graduates, can go for a varied range of career choices beginning from being a plastic engineer to be a lecturer in this field. The usage of plastic and rubber made goods in the modern days of the 21st century is unavoidable. Therefore, the industry is assured to grow and generate more job prospects for Bachelor's degree holders in this field.
6	Department of Leather Technology (ACT)	B.Tech Leather Technology	188	5	Leather has become a modern accessory in day to day life. Everybody uses it in some form or the other due to which it is always in demand for comfort, sports and fashion. Leatherwear constitutes a variety of products starting from belts, jackets, purses, luggage and bags, musical instruments, garment tags, gift items, etc. A career in leather technology is a lucrative option in India. There are mainly three areas of work in this industry: designing, manufacturing and marketing. This industry is mainly centered in and around Kanpur, Kolkata, Agra, Chennai, and Mumbai.
7	Department of Applied Science	B.Tech Petroleum Engineering and Technology	192.25	--	Oil prices will be a major determinant of employment growth. Because many petroleum engineers work in oil and gas extraction, any changes in oil prices will likely affect

	and Technology (ACT)				<p>employment levels. Higher prices can cause oil and gas companies to increase capital investment in new facilities and expand existing production operations. Typically, companies also expand exploration for new reserves of oil and gas when prices are high.</p> <p>Demand for petroleum engineers in support activities for mining also should be strong, as large oil and gas companies find it convenient and cost effective to contract production and drilling work to these firms on an as-needed basis.</p>
--	----------------------	--	--	--	--

Faculty of Architecture and Planning

S.No	Faulty	Course	2016 Cut off marks (BC)	Opportunities
1	Department of Architecture and Planning (SAP)	B.Arch	National Aptitude Test in Architecture (NATA) with a score of 80 out of 200	With a high number of students graduating with degrees in architecture, strong competition for internships and jobs is expected. Employment of architects is strongly tied to the activity of the construction industry. Therefore, these workers may experience periods of unemployment when there is a slowdown in requests for new projects or when the overall level of construction falls.