ENGINEERING

INTRODUCTION

Engineering is the application of scientific knowledge to solving problems in the real world. Engineers can be distinguished from other professions by their ability to solve complex problems and implement solutions in cost effective and practical ways. This ability to face a problem, work through various thoughts and abstract ideas and then translating them into reality is what is so exciting about engineering.

Engineers are Inventors!!

BRANCHES

- Mechanical Engineering
- Computer Science Engineering
- Electronics and Communication Engineering
- Electrical Engineering
- Civil Engineering
- Information Technology
- Aeronautical Engineering
- Aerospace Engineering
- Automobile Engineering
- Software Engineering
- Chemical Engineering and many more

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ENTRANCE EXAM

- **JEE-Main** [for admission to (NITs), (IIITs) and Centrally Funded Technical Institutes (CFTIs)]
- **JEE-Advanced** [for admission to (IITs), and Indian School of Mines Dhanbad, an institute that will be converted to IIT]

ELIGIBILITY

- **JEE (Mains)**: Pass 10+2 with at least 75% mark (65% in case of candidate belonging to reserved category) in PCM.
- **JEE (Advanced)**: Number of top candidates as per the requirement of JEE (Advanced) (including all categories) will be eligible to appear in JEE (Advanced)

SOME OTHER ENTRANCE EXAMS AND COLLEGES

- **VITEEE**: Vellore Institute of Technology Engineering Entrance Examination Vellore Institute of Technology, Vellore
- **BITSAT**: Birla Institute of Technology and Science Admission Test, Birla Institute of Technology, Pilani, Birla Institute of Technology, Dubai
- **SRMJEE**: SRM Engineering Entrance Examination, Chennai
- **AMUEEE**: Aligarh Muslim University Engineering Entrance Exam, Aligarh Muslim University, UP
- **MET**: Manipal Entrance Test, Manipal Institute of Technology
- **MAHCET**: Maharashtra Common Entrance Test
- **WBJEE**: West Bengal Joint Entrance Exam
- **COMEDK**: Karnataka Engineering Colleges Entrance Exam
- **UPSEE**: Uttar Pradesh State Entrance Exam

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ENGINEERING BEYOND NON MEDICAL-

- **B Tech (Information Technology & Mathematical Innovations.), Delhi University (Cluster Of Innovation)**

Eligibility: Appear in CUET in subject combinations of Any one Language from List A + Mathematics + Section III of CUET (General Test)
Merit will be based on the CUET scores obtained from the above-mentioned combination.
Admission Mode: CUET

EMERGING TECHNOLOGIES

- Nanotechnology
- Leather Technology
- Mechatronics
- Robotics
- Photonics
- Aeronautical
- Food Technology
- Environment

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