

Engineering Branch Guide

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A quick guide to popular engineering branches to help you choose after MHT-CET.

Computer Engineering / Information Technology

- Scope: software development, AI/ML, data science, cloud, cybersecurity, web/app.
- Skills: programming, logic, mathematics, problem-solving.
- Best for: students who enjoy coding and abstract problem-solving. Strongest placement demand today.

Electronics & Telecommunication (E&TC;) / Electronics & Computer

- Scope: embedded systems, VLSI, IoT, communication, signal processing.
- Skills: circuits, mathematics, some programming.
- Best for: students who like hardware + software. Flexible — many move into software roles too.

Mechanical Engineering

- Scope: design, manufacturing, thermal, robotics, automotive, HVAC.
- Skills: physics, mechanics, CAD, hands-on aptitude.
- Best for: students who like machines and applied physics. Broadest core branch.

Civil Engineering

- Scope: structures, infrastructure, construction management, transportation, water resources.
- Skills: mechanics, drawing, planning.
- Best for: students interested in construction, infrastructure and site work.

How to decide

- Prioritise genuine interest and aptitude over trends.
- Research placement records of the specific college, not just the branch.
- A core branch at a strong college can beat a trending branch at a weak one.

Get a personalised, ranked college shortlist for your percentile: <https://hunterx-1ou.pages.dev/>