

Civil Engineering

What Civil Engineers Do?

Let us first understand the role of Civil Engineers - they conceive, design, build, supervise, construct, operate, and maintain infrastructure projects and systems in the public and private sectors. The infrastructure projects include roads, buildings, airports, tunnels, dams, systems for water supply, bridges, and many more.

There are many reputed technical colleges that impart state-of-the-art technical education to the students pursuing - undergraduate or/and post-graduate programs.

The career scope of civil engineers is huge worldwide - as according to a new research report by Global Marketing Insights, Inc, the market size of civil engineering is expected to grow up USD 11.72 trillion by 2025.

Here is the list of specialization to choose from:

Coastal and Ocean Engineering	Environmental Engineering
Geotechnical Engineering	Fire Protection Engineering
Construction Engineering	General Engineering
Structural Engineering	Irrigation Engineering
Bridge Engineering	Materials Engineering
Land Development	Urban Engineering
Hydraulic Engineering	Water Resources Engineering
Transportation Engineering	

How Do You Get Started?

If you are planning for your career in civil engineering then you should first go for an undergraduate program and you can also pursue a post-graduation program in civil engineering. Some colleges also offer a Diploma in civil engineering.

BTech Civil Engineering

It is a four-year full-time undergraduate program divided into 8 semesters.

Eligibility

- The aspirants must have passed 10+2 examination or equivalent examination with 45% to 50% marks in Physics, Chemistry, Maths from a recognized university.
- The admission process of the BTech program is done through the entrance exams such as - JEE Main, JEE Advanced, MHCET, KCET.

The top engineering colleges for civil engineering are - IIT Bombay, MVIT - Sri M Visvesvaraya Institute Of Technology, Karunya Institute Of Technology and Sciences, AMC Engineering College, IIT Madras, and many more.