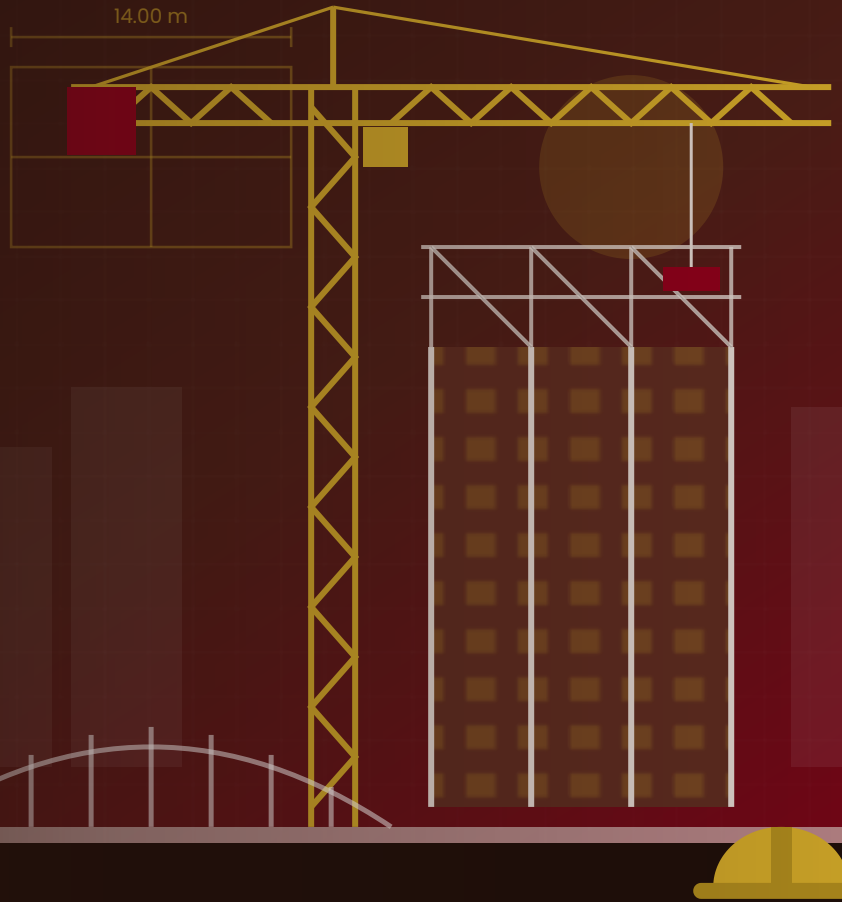




ASTER
ACADEMY

BACHELOR PROGRAMME
TECHNICAL EDUCATION



BACHELOR PROGRAM IN

Civil Engineering

DURATION

Regular – 4 Years

Fast Track Available



WORK EXPERIENCE
4 Years Minimum



ELIGIBILITY
3 Years Diploma or Above

*The right & deemed fit students will be provided with **100% placement assistance.***

Course Information

- Civil engineering is the practice of developing and designing infrastructure projects, on a large or a smaller scale.
- Every aspect of constructing a structure falls under the work of a civil engineer, including designing, planning, surveying, budgeting and analysing.
- Civil engineering blends many scientific areas, and these core elements are studied closely in the early years of the course.

Why Study BE Civil Engineering?

- The decision to pursue a BE in Civil Engineering depends on each individual's aspirations and goals. Some of the reasons to choose this course are:
- **Reputed profession:** Civil engineering is a high-demand field where skilled graduates can find open positions quickly. It is one of the oldest and most respected engineering disciplines, and any student with the passion to excel will find success.
- **Wide opportunities:** Civil engineers work on major construction projects undertaken by state and central government, private construction companies, the railways, engineering services, the military, consultancy services and more.

Course Description

The Bachelor Program in Civil Engineering prepares learners to plan, design, build and maintain the infrastructure that modern society depends on. Over four years, students progress from the fundamentals of surveying, materials and construction technology to advanced work in structural analysis, foundation design, water resources and transportation engineering.

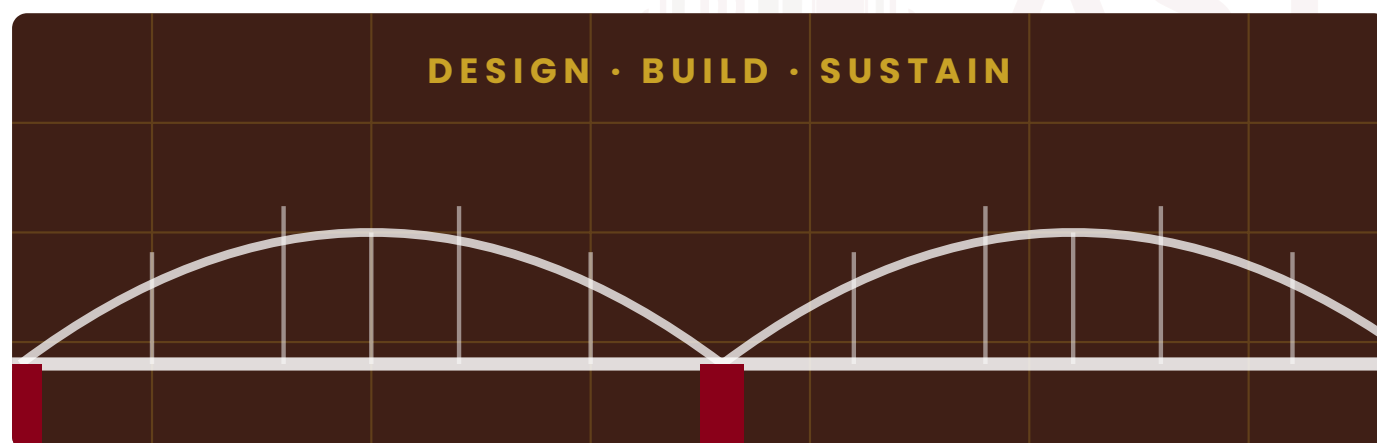
Alongside the technical core, the programme develops management, costing, quality and communication skills, so graduates can lead projects as well as design them. The course concludes with a project that brings together everything learned across the four years.

Career Opportunities

Graduates can build careers in government or private-sector organisations in roles such as:

Assistant Civil Engineer	Junior Construction Manager	Construction Project Assistant
Assistant Inventory Manager	Junior Plant Engineer	Consultant / Faculty

Areas of Specialisation



Our Subjects

YEAR**01**

- Essentials of Management
- Risk & Value Analysis
- Quantity Survey & Estimation
- Construction Technology
- Communication Skill

YEAR**02**

- Engineering Surveying
- Transportation Engineering
- Foundation Design
- Water Resource Systems
- Total Quality Management

YEAR**03**

- Solid & Hazardous Waste Management
- Structural Analysis
- Concrete Technology
- Hydraulics & Hydraulic Machine
- Organizational Behaviour

YEAR**04**

- Construction Laws
- Steel Structure
- Strength of Materials
- Control Systems
- Project

Key Skills

Common skills gained with a civil engineering degree include:

- ✓ Ability to analyse complex data sets, and general analytical skills
- ✓ Very strong numeracy
- ✓ Technology literacy
- ✓ Presenting findings in written and spoken form to an academic standard
- ✓ Problem identification and solving skills
- ✓ Project management and organisation skills
- ✓ Ability to approach issues from multiple perspectives
- ✓ Strong communication and teamwork
- ✓ Budgeting and costing skills
- ✓ Knowledge of current planning and construction laws and regulations
- ✓ Understanding of contemporary issues in construction, environment and urban development

Entry Requirements

Civil engineering skills are strongly rooted in mathematics and science, and a high level of proficiency in these subjects is needed to predict the performance and capability of the structures engineers create. Students with strong backgrounds in physics and mathematics who are interested in designing functional structures, from bridges to hydropower systems, are ideal candidates for civil engineering.

About Us

Aster Academy is an international business school dedicated to delivering excellence in management & technical education. With a strong online learning ecosystem, we offer short-term, Diploma, Advanced Diploma, Graduate & Post Graduate programs designed for students, entrepreneurs, and working professionals. Our courses are designed by industry experts, aligned with international standards, and focused on practical skills that ensure employability and business growth.

Exam & Fees

ONLINE EXAM

2 Hours / paper

TOTAL FEES (INDIAN RESIDENTS)

Rs. 66,080*

**Terms and conditions apply.*

Enrol Today

Speak to our admissions team for batch dates and Fast Track options.

+91 9048 395 411