



(//)

[\(/about-us.aspx?mpgid=259&pgidtrail=259\)](#)[ABOUT US \(../ABOUT-US/GENESIS\)](#) [ACADEMICS](#) [PROGRAMS \(../PROGRAMS\)](#) [ADMISSIONS](#)[RESEARCH \(../PHD-SCHOLARS-AND-RESEARCH-AREAS\)](#) [LIFE@DIT \(../HOSTEL_INFRASTRUCTURE\)](#)[PLACEMENT & CDC \(../PLACEMENTS/PLACEMENT-HIGHLIGHTS\)](#) [IQAC \(../IQAC\)](#) [CIIES \(../CIIES\)](#)

About the program

Civil Engineering is a vital field that plays a critical role in shaping the built environment. It contributes to the development of infrastructure, the improvement of living standards, and the protection of the environment. Civil engineers work on a wide range of projects, including buildings, roads, bridges, airports, and water supply systems. They use advanced technologies such as computer-aided design (CAD) and building information modeling (BIM) to design and analyze structures and systems. A significant aspect in the realm of Civil Engineering is Construction management. It is concerned with the planning, coordination, and control of construction projects. It involves the management of resources such as labor, materials, and equipment, and the implementation of safety and quality standards. Civil Engineering is a complex and challenging field that requires a strong foundation in Mathematics, Physics, and other sciences. It offers numerous career opportunities and contributes significantly to the development of society.

M. Tech in Civil Engineering is a postgraduate program that provides advanced knowledge and training in various sub-disciplines of Civil Engineering. This program is designed for individuals who possess a Bachelor's degree in Civil Engineering and wish to enhance their technical skills and knowledge in this field. The coursework is structured to provide students with a strong foundation in the theoretical aspects of Civil Engineering, as well as real-life experience in the application of engineering principles and practices. The program offers several opportunities for research and development in the field of Civil Engineering. Students are encouraged to undertake research projects that address pragmatic problems of the world and contribute to the advancement of the field. The program also provides students with the opportunity to work closely with industry professionals and academics, allowing them to gain valuable insights.

Graduates of M. Tech in Civil Engineering are well-equipped to pursue a wide range of career opportunities in both the public and private sectors. They can work in engineering firms, government agencies, research institutes, and academic institutions. They can also work as consultants, project managers, researchers, and educators. The escalating demand for infrastructure necessitates the presence of qualified Structural Engineers.

The objective of this program proffered by one of the most preeminent M. Tech Civil colleges in Dehradun is to inculcate sophisticated and intricate principles regarding the mechanics and dynamics of structures. As one of the foremost M. Tech in Civil Engineering Colleges in Dehradun, it provides supplementary specially designed courses to attain proficiency in seismic-resistant design of structures, advanced construction materials, bridge design, tall buildings, shell structures, and other topics in accordance with the students' interests.



(//)

(/about-us.aspx?
mpgid=259&pgidtrail=259)

ABOUT US (../ABOUT-US/GENESIS) ACADEMICS PROGRAMS (../PROGRAMS) ADMISSIONS

RESEARCH (../PHD-SCHOLARS-AND-RESEARCH-AREAS) LIFE@DIT (../HOSTEL_INFRASTRUCTURE)

PLACEMENT & CDC (../PLACEMENTS/PLACEMENT-HIGHLIGHTS) IQAC (../IQAC) CIIES (../CIIES)

Program Highlights

- Program deals with new paradigms in Civil Engineering to enhance the knowledge matching with industrial needs and employability of the students.
- Flexible credit based courses for diversified teaching-learning processes
- Industry relevant courses in cutting edge technology of civil Engineering.
- The program has a strong learning component offering a sufficient range of departmental and cross departmental subjects delivered by experts and faculty of our University.



[Student Alerts \(../happenings/important-notice\)](#) [ERP Login \(https://erp.dituniversity.edu.in/\)](#)

(//)

(/about-us.aspx?
mpgid=259&pgidtrail=259)

[ABOUT US \(../ABOUT-US/GENESIS\)](#) [ACADEMICS](#) [PROGRAMS \(../PROGRAMS\)](#) [ADMISSIONS](#)

[RESEARCH \(../PHD-SCHOLARS-AND-RESEARCH-AREAS\)](#) [LIFE@DIT \(../HOSTEL_INFRASTRUCTURE\)](#)

[PLACEMENT & CDC \(../PLACEMENTS/PLACEMENT-HIGHLIGHTS\)](#) [IQAC \(../IQAC\)](#) [CIIES \(../CIIES\)](#)

- [Counseling Notifications \(/admissions/counseling-notifications\)](#)
- [Admission Procedure \(/admissions/admission-procedure\)](#)
- [Fee Payment \(/admissions/fee-payment\)](#)
- [FAQs \(/cpage.aspx?mpgid=37&pgidtrail=146\)](#)
- [Support \(/admissions/request-call-back\)](#)

Program Fee Ist Year (2023-24)

Particulars	All India Category		Uttarakhand/Himalyan State Quota (After 26% Scholarship on Tution Fee)	
	1st Installment	2nd Installment	1st Installment	2nd Installment
Tution Fee	39,000	39,000	28,860	28,860
Academin Service Fee	21,000	21,000	21,000	21,000
Total	60,000	60,000	49,860	49,860

For detailed Program Fee Structure, please click here (/Uploads/image/3348imguf_MTech.CESpl.pdf)



Student Alerts ([../happenings/important-notice](#)s) [APPLY NOW \(HTTPS://APPLICATIONS.DITUNIVERSITY.EDU.IN/\)](#) ERP Login (<https://erp.dituniversity.edu.in/>)

(//)

(/about-us.aspx?
mpgid=259&pgidtrail=259)

ABOUT US ([../ABOUT-US/GENESIS](#)) **ACADEMICS** **PROGRAMS** ([../PROGRAMS](#)) **ADMISSIONS**

RESEARCH ([../PHD-SCHOLARS-AND-RESEARCH-AREAS](#)) **LIFE@DIT** ([../HOSTEL_INFRASTRUCTURE](#))

PLACEMENT & CDC ([../PLACEMENTS/PLACEMENT-HIGHLIGHTS](#)) **IQAC** ([../IQAC](#)) **CIIES** ([../CIIES](#))

-
- Modern laboratories with latest equipment.
-
- Facilities for Consultancy work in the field of Structural, Transportation, Surveying, Environmental and Geotechnical Engineering.
-
- Modern Computer Lab with high end workstations and software's like STAAD PRO, Auto CAD etc.
-
- Fully Wi-Fi enabled department.
-
- High Value journal subscriptions, NPTEL courses, Video lectures, E Journals, Magazines
-

PEO1 To enrich their knowledge in all areas of Structural Engineering.

PEO2 To apply knowledge of Structural Engineering for Analysis, Design and execution of projects along with conducting Research and Development.



PEO3

To impart the knowledge of computer oriented design in order to promote excellence in
 Student Alerts ([../happenings/important-notices](#)) ERP Login (<https://erp.dituniversity.edu.in/>)
 developing new concepts of Structural Engineering

(//)

(/about-us.aspx?
 mpgid=259&pgidtrail=259)

[ABOUT US \(../ABOUT-US/GENESIS\)](#) [ACADEMICS](#) [PROGRAMS \(../PROGRAMS\)](#) [ADMISSIONS](#)

[RESEARCH \(../PHD-SCHOLARS-AND-RESEARCH-AREAS\)](#) [LIFE@DIT \(../HOSTEL_INFRASTRUCTURE\)](#)

[PLACEMENT & CDC \(../PLACEMENTS/PLACEMENT-HIGHLIGHTS\)](#) [IQAC \(../IQAC\)](#) [CIIES \(../CIIES\)](#)

engineering problems requiring substantiated conclusions using first principles of
 mathematics, natural sciences, and engineering sciences.

- PO3 Design/development of solutions:** Students will be capable enough to design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4 Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5 Modern tool usage:** Students will use advanced equipment and designing or computing software to create and apply appropriate techniques of modern engineering in solving complex engineering activities and also through numerical modeling with an understanding of the limitations and knowledge of advanced mathematical techniques.
- PO6 The Engineer and society:** Apply scientific reasoning informed by the contextual and practical knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7 Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.



PO8

Ethics: Apply ethical principles and commit to professional ethics and responsibilities

Student Alerts ([../happenings/important-notices](#)) ERP Login (<https://erp.dituniversity.edu.in/>)

and norms of the engineering practice

(//)

(/about-us.aspx?

mpgid=259&pgidtrail=259)

[ABOUT US \(../ABOUT-US/GENESIS\)](#)

[ACADEMICS](#)

[PROGRAMS \(../PROGRAMS\)](#)

[ADMISSIONS](#)

[RESEARCH \(../PHD-SCHOLARS-AND-RESEARCH-AREAS\)](#)

[LIFE@DIT \(../HOSTEL_INFRASTRUCTURE\)](#)

[PLACEMENT & CDC \(../PLACEMENTS/PLACEMENT-HIGHLIGHTS\)](#)

[IQAC \(../IQAC\)](#)

[CIIES \(../CIIES\)](#)

member and leader in a team, to manage projects and in multidisciplinary environments.

PO12

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.



[Student Alerts \(../happenings/important-notice\)](#) [ERP Login \(https://erp.dituniversity.edu.in/\)](#)

(//)

[\(/about-us.aspx?mpgid=259&pgidtrail=259\)](#)

[ABOUT US \(../ABOUT-US/GENESIS\)](#) [ACADEMICS](#) [PROGRAMS \(../PROGRAMS\)](#) [ADMISSIONS](#)

[RESEARCH \(../PHD-SCHOLARS-AND-RESEARCH-AREAS\)](#) [LIFE@DIT \(../HOSTEL_INFRASTRUCTURE\)](#)

[PLACEMENT & CDC \(../PLACEMENTS/PLACEMENT-HIGHLIGHTS\)](#) [IQAC \(../IQAC\)](#) [CIIES \(../CIIES\)](#)

[News \(/news.aspx?mpgid=116&pgid=117&pgidtrail=119&intypeid=2\)](#)
[Recognition \(/about-us/university-recognitions\)](#)
[Events \(/events.aspx?mpgid=116&pgidtrail=120\)](#)
[Gallery \(/gallery\)](#)
[Alumni \(https://www.dituniversity.edu.in/microdepartment.aspx?sdeptid=20\)](#)

[Annual Report \(/cpage.aspx?mpgid=37&pgidtrail=230\)](#)
[Library e- access \(https://dituniversity.new.knimbus.com/\)](#)
[NAD \(/about-us/national-academic-depository\)](#)
[NDL \(https://ndl.iitkgp.ac.in/\)](#)
[Ranking & Accredition \(/about-us/rankings-and-collaborations\)](#)

Campus Life

[Hostel Infrastructure \(/hostel-infrastructure\)](#)
[Boys GYM \(/infrastructure\)](#)
[Girls GYM \(/infrastructure\)](#)
[Mess \(/mess-facilities\)](#)

Others

[AEIS Portal \(https://aeis.dituniversity.edu.in/ditaeis/\)](#)
[ERP Login \(https://erp.dituniversity.edu.in/\)](#)
[Library Portal \(https://library.dituniversity.edu.in\)](#)
[DMS Portal \(https://dituni.sharepoint.com/sites/DMS-PORTAL/\)](#)
[Careers \(/hr-policy\)](#)
[Contact Us \(/contact-us\)](#)
[Blog \(/blog\)](#)

Statutory Declaration

[Mandatory Disclosure-RTI \(/cpage.aspx?mpgid=81&pgidtrail=233\)](#)

Grievances Redressal

[Student Grievance Committee \(/about-us/student-grievance-committee\)](#)
[Internal Complaints Committee \(/about-us/internal-complaints-committee\)](#)
[Anti-Ragging Committee \(/about-us/anti-ragging-committee\)](#)
[Women Welfare Cell \(/women-welfare-cell.aspx?mpgid=2&pgid1=195&pgidtrail=224\)](#)

NEWSLETTER SIGNUP

By subscribing to our mailing list you will always be updated with the latest news from us.



Subscribe to Newsletter

Student Alerts ([../happenings/important-notice](#)s)

ERP Login (<https://erp.dituniversity.edu.in/>)

DIT University is a renowned university in a celebrated city where knowledge meets achievement, history meets the future and ambition meets inspiration. Whether you want to broaden your

(//)

(/about-us.aspx?

mpgid=259&pgidtrail=259)

ABOUT US ([../ABOUT-US/GENESIS](#))

ACADEMICS

PROGRAMS ([../PROGRAMS](#))

ADMISSIONS

RESEARCH ([../PHD-SCHOLARS-AND-RESEARCH-AREAS](#))

LIFE@DIT ([../HOSTEL_INFRASTRUCTURE](#))

PLACEMENT & CDC ([../PLACEMENTS/PLACEMENT-HIGHLIGHTS](#))

IQAC ([../IQAC](#))

CIIES ([../CIIES](#))

(<http://www.dituniversity.edu.in/>)

view_university/)