

BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING

uee.cutm.ac.in/ Home (https://cutm.ac.in) / Bachelor of Technology in Civil Engineering

ac.in/sustainability/

Graduate

- › Bachelor of Technology in Computer Science And Engineering (https://cutm.ac.in/programmes/computer-science-and-engineering/)
- › Bachelor of Technology in Mechanical Engineering (https://cutm.ac.in/programmes/b-tech-mechanical-engineering/)
- › Bachelor of Technology in Electronics and Communication Engineering (https://cutm.ac.in/programmes/electronics-and-communication-engineering/)
- › Bachelor of Technology in Electrical and Electronics Engineering (https://cutm.ac.in/programmes/btech-electrical-and-electronics-engineering/)
- › Bachelor of Technology in Bio-Technology Engineering, New Specialization (https://cutm.ac.in/programmes/btech-biotechnology/)
- › Bachelor of Technology in Mining Engineering, New Specialization (https://cutm.ac.in/programmes/btech-mining-engineering/)

> Bachelor of Technology in Aerospace Engineering, New Specialization (<https://cutm.ac.in/programmes/btech-aerospace-engineering/>)

> Bachelor of Technology in Civil Engineering (<https://cutm.ac.in/programmes/b-tech-civil/>)

Bachelor of Technology in Civil Engineering

Program Code	Level	Duration
11	Graduate	4 years

([HTTPS://CUEE.CUTM.AC.IN](https://cuee.cutm.ac.in))
APPLY NOW

Overview

Course Fee

Syllabus

Eligibility Criteria

Career Path

Admission Enquiry



[uee.cutm.ac.in/](mailto:cuee.cutm.ac.in/))



[ac.in/sustainability/](https://cutm.ac.in/sustainability/))



mission Enquiry
uee.cutm.ac.in/)
ac.in/sustainability/)

About the Programme

The university teaches smart civil engineering practices, and it has completely revised its content by making 3D modelling with CAD tools, Rivet, and other software. Well-versed in the latest Survey Tools and Equipment like Total Station, DGPS and GPR, students learn satellite and aerial based surveying that includes LiDAR survey as well as satellite image processing. The construction management includes project management, and it is aligned with NSQF Level-6 curriculum for the profession. Students get to design and plan construction projects, and they are familiarised with Smart City Planning, BIM modelling up to LoD 5. They also learn solid and sewage treatment as part of environmental engineering, and modern facade making using CATIA xGenerative Design app of Dassault Systèmes

Domains

SMART CITY

Course Overview

With this specialization, students learn about smart cities within the context of urban infrastructure management. The introduction of smart urban technologies into legacy infrastructures has resulted in numerous challenges and opportunities for contemporary cities and will continue to do so. Equipped with Dassault tools, students are enabled to build digital twins of cities/towns using OSM and drone based aerial survey maps.

appreciating the challenges of optimising smart city planning in legacy environments, they also learn to simulate shading analysis, flood analysis, seismic analysis on 3D models.

With the opportunity to work on challenging real-time projects, using point cloud data and converting it into 3D LOD 3 maps, students have excelled in remodelling and simulation of Amravati City in Andhra Pradesh and Jaipur Smart City.

Duration- Four years

Scope/Job Opportunity

- Planning Engineer | Site Engineer
- Project Engineer | Quality Control Engineer
- Project Manager
- City and Town Planning Model
- Survey Engineer

Eligibility Criteria

- 10+2 (Physics, Chemistry, Maths) 50% and 5% relaxation for reserved category
- Centurion University Entrance Exam (CUEE) Score

Scope/Job Opportunity

- SMART City Planner
- 3D Modeler



- Engineering Consultant

SURVEY, DESIGN AND CONSTRUCTION MANAGEMENT

Course Overview

Having access to the latest survey equipment like Total Station, DGPS and GPR, students learn satellite and aerial based surveying, which includes LiDAR survey as well as satellite image processing. In construction, management students get to plan, optimize, and implement a construction project. Learning various QC procedures in large infrastructure projects with a mandatory internship in such construction sites, students get to design multi-storied structures, bridges, stadiums and other such large infrastructure projects using advanced software tools. Students are familiarised with new state-of-the-art construction materials (including composites), and they also learn to waterproof and repair damaged concrete structures using specialty building chemicals.

Scope/Job Opportunity

- Survey Engineer
- Design Engineer
- Service Engineer

Course Fee

uee.cutm.ac.in/)

ac.in/sustainability/)

	Fee Per Semester	Fee Per Year
FOR BHUBANESWAR CAMPUS		₹ 1,41,750
FOR PARALAKHEMUNDI CAMPUS		₹ 1,05,000
FOR INTERNATIONAL STUDENT		\$ 3600

Syllabus

 CIVIL

Eligibility Criteria

- 10+2 (Physics, Chemistry, Maths) 50% and 5% relaxation for reserved category
- Centurion University Entrance Exam (CUEE) Score

Career path you can choose after the course

- Planning Engineer.
- Site Engineer.
- Project Engineer.
- Quality Control Engineer.

Admission Enquiry

Take the next step towards building your dream career.

Use <https://cutm.ac.in/APPLY-ONLINE/>



[ac.in/sustainability/](https://cutm.ac.in/sustainability/)

General

- > Holiday List (<https://cutm.ac.in/wp-content/uploads/General/HOLIDAY-LIST-2022-23.pdf>)
- > Track Your Vehicle (<https://cutm.ac.in/campus-facilities/transportation/>)
- > MIS/ERP Login (<https://cutm.icloudems.com/corecampus/index.php>)
- > Student Verification (<https://cutm.ac.in/students-credentials-verification>)
- > Site Map (<https://cutm.ac.in/sitemap/>)
- > CUTM Timesheet APK ([wp-content/uploads/Android/Timesheet_V1.apk](https://cutm.ac.in/wp-content/uploads/Android/Timesheet_V1.apk))

Admissions

- > Admission (<https://cutm.ac.in/admission/>)
- > How To Apply (<https://cutm.ac.in/admission/how-to-apply/>)
- > Course Fee (<https://cutm.ac.in/admission/course-fee/>)
- > Scholarship (<https://cutm.ac.in/admission/scholarship/>)
- > Refund Policy (<https://cutm.ac.in/admission/refund-policy/>)
- > Lateral Entry (<https://cutm.ac.in/admission/lateral-entry/>)

> CUTM Courseware APK (wp-content/uploads/Android/COURSEWARE_V1.apk)

Placements

> Overview (<https://cutm.ac.in/placements/overview/>)

> Industry And Institutional Linkages (<https://cutm.ac.in/placements/industry-institutional-linkages/>)

> Our Recruiters (<https://cutm.ac.in/placements/our-recruiters/>)

> Assessment Partners (<https://cutm.ac.in/placements/assessment-partners/>)






> Placement Brochure (<https://cutm.ac.in/placements/placement-brochure/>)

> Career Development Cell (<https://cutm.ac.in/placements/contact-placement-cell/>)

Contact Us

CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT (CUTM)

HIG-4, Floor 1 and 2, Jaydev Vihar, Opp Pal Heights, Bhubaneswar, Dist: Khurda, Odisha, India.

 (<https://www.facebook.com/centurionuniversity/>)
  (<https://twitter.com/CUTMIndia>)
  (<https://www.youtube.com/channel/UCy2a2NdleGSGIEd5FxyOcOA>)
  (<https://www.instagram.com/cutmodisha/>)
  (<https://cutm.ac.in/sustainability/>)

Connect

> Image Gallery (<https://cutm.ac.in/connect/image-gallery/>)

> Video Gallery (<https://cutm.ac.in/connect/video-gallery/>)

> Media Coverage (<https://cutm.ac.in/connect/media-coverage/>)

> Brochure (<https://cutm.ac.in/connect/brochure/>)

> Newsletter (<https://cutm.ac.in/connect/newsletter/>)

> Event Calendar (<https://cutm.ac.in/connect/event-calendar/>)

© 2022 Centurion University | [Disclaimer \(/Disclaimer\)](/Disclaimer) | [Privacy Policy \(/privacy-policy\)](/privacy-policy) | [Terms of Use \(/terms-of-use\)](/terms-of-use) | [Blog \(/blog\)](/blog)

