



Faculty of
Engineering
Sciences & Technology

M.Tech (Construction Engineering and Management)

Adani University - Overview

With a vision to educate and empower the youth, encourage transformative research that focuses on real-world problems, and contribute to global sustainability via excellence at all levels, the Adani Group – one of India's largest transport and utility infrastructure conglomerates with inspiration from the infrastructure visionaries of India – Shri Gautambhai Adani and Dr. Priti G Adani– established the Adani University in India's enterprising State of Gujarat.

With the major thrust on education for transformation, Adani University is engaged in building a state-of-the-art futuristic institution for education, training, and research that shall disseminate managerial and technological knowledge of the highest value through impactful industry engagement and multidisciplinary research.

Five thrust areas, namely Infrastructure, Technology, Healthcare, Energy, and Defense are the focus of university programs, while the approach is broad and complementary. Adani University is a research-intensive institution that seeks to address and impact real-world problems. Research, formal and non-formal programs for doctoral, post-graduate degrees, undergraduate, and certification programs at the intersection of disciplines are offered at the University.



Faculty of **Engineering Sciences and Technology - An Introduction**

The Faculty of Engineering Sciences & Technology (FEST) offers a range of programs to educate students to participate in creating and applying contemporary knowledge and technological advances to make a difference. Our dedicated, experienced business faculty are here to ensure our students are prepared to develop the next wave of technological developments. Technology underpins all facets of modern life, and the pace of change is relentless. We want our students to be equipped with the skills they need to thrive in this ever-changing world. The Faculty of Engineering Sciences & Technology (FEST) provides a rigorous academic program that teaches students how to apply theoretical knowledge to real-world situations.

Department of **Civil and Infrastructure Engineering (CIE)**

The Department of CIE offers students a comprehensive education that combines industry demand of core professional skills with an NEP compliant futuristic academic syllabus. Our unique program prepares students for their professional careers while also cultivating a lifelong love of learning. In addition to core courses, we offer students a diverse range of courses that foster their personal growth and help them achieve their holistic development. Our students benefit from faculty guidance, industry interaction, guest lectures from industry professionals on the latest trends and technologies in civil engineering, and hands-on research projects. Our curriculum is designed by industry experts and experienced professionals who design and teach a range of topics, including design, planning, construction, advanced technologies, and sustainability. Students gain valuable experience through internships and site visits, training them to develop efficient civil engineering solutions that take into account environmental and societal impacts.

Master of Technology

(2 -Year full-time degree program)

Construction Engineering & Management

It aims to develop manpower for infrastructure industry by training students for the needs of tomorrows such as sustainable engineering solutions, green economy, societal and environmental impacts of project management. The course offered for the PG program are sustainable construction practices, asset management, construction project scheduling and control, advance construction materials, carbon pricing of building material, BIM, green buildings, business analytics, academic and industry project works through software skills.

Program Edge

- Program focus on construction project management, infrastructure engineering, building information modelling.
- Innovative Pedagogy which incorporates hands on learning, and creating solutions.
- Continuous Industry contact to ensure skill acquirement and industry ready learning.
- Full courses taught by regular industry professionals.
- Teaching Modern tools such as Total Station, GPS, etc and software for each domain, such as STAAD Pro, Primavera, AutoCAD, QGIS, and Bentley Suite.

Career Prospects

Construction Planning and Management

Infrastructure Project Management

Asset Management

Building Information Modelling

Green Buildings and Sustainability Engineering

Cost Management of Construction Projects

Facilities

Asset Management Lab

Advanced Construction Materials Lab

Building Information Modelling Lab

Carbon Pricing of Building Materials Lab

Construction Finance Accounting Lab

Research Lab

Sustainable Construction Practices Lab

Project Management Lab

Admission Eligibility

- Candidates must have BTech/ BE (Civil engineering, environmental engineering/ construction engineering), BArch, Bachelor of Planning or equivalent degree with minimum 60% aggregate passing marks or equivalent grades. GATE or NET or APET 2024 qualified candidates will be preferred.



Program Faculty



Prof. Dr. Anupam Kumar Singh

Civil and Infrastructure Engineering

Ph.D. (KIT Germany), MS (KIT Germany)



Prof. Dr. Harishkumar Varia

Transportation Systems Engineering

Ph.D IIT Bombay



Dr. Harshingar Patel

Transportation Asset Management and
Infrastructure Systems Engineering

Ph.D. Illinois Institute of Technology, USA



Dr. Sameer Patel

Civil and Infrastructure Engineering

Ph.D. S.V. National Institute of Technology



Dr. Ankur Kapoor

Water Resources Engineering

Ph.D. Visvesvaraya National Institute of Technology



Dr. Gourav Gill

Civil & Geotechnical Engineering

Ph.D. BITS Pilani



Industry Practitioner



Er. Parijat Kumar Mondal

Vice President (Projects),
Adani RMRW



Dr. Rahul Singh

General Manager,
Adani Green Energy Limited



Er. Manoj Didwania

Senior Manager-Techno-Commercial,
Adani Total Gas Limited



Mr. Raj Modi

Co-Founder,
Modi Infra Projects (Real Estate Firm)

Founder
RD Consultancy & Construction (Civil Consulting Firm)



Mr. Ashish Chaurasia

Co Founder & Director
Lgeom Private Limited



Mr. Nandish Patel

Project Management Consultant
& Advocate

Career Development Cell

Career Development Cell (CDC) is associated with 250+ national and international companies from different domains to support activities like Campus Placement, Industry Internships, Expert Lectures, Major Projects, Workshops, Seminars and Industrial Visits.

Career Development can be defined as the assemblage of psychological, sociological, educational, physical, and economic factors that combines to influence the nature and significance of work in the total lifespan of an individual. Career Development Cell at Adani University leaves no stone unturned in achieving the excellence and personality development of our students. A rigorous academic regimen supported with CDC's year-round skill development, nurturing & extracurricular activities not only broaden student's knowledge base and skill sets but also imbibe in them the feeling of social and individual responsibility. We aspire to act as bridge between academia and industry.

Prominent Corporate Partners: Summer and Final Placements

			and many more...				



Admissions

If you have the potential to succeed in an academically challenging and innovative environment, we look forward to receiving your application.

  **90999-00872**

 **admissions.fest@adaniuni.ac.in**

Reach us:
Adani University
Shantigram, Ahmedabad, India



Apply Now

