

অসম চৰকাৰ



GOVERNMENT OF ASSAM

Dhemaji Engineering College

Contact Us



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dec.ac.in



[tpc-dec](https://www.linkedin.com/company/tpc-dec)

PLACEMENT BROCHURE 2024-25



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ABOUT

DEC



DHEMAJI ENGINEERING COLLEGE (DEC) was established in the year 2020 as a prestigious institution by Government of Assam in Dhemaji District with an aim to generate technical graduates of highest standards which could provide technical leadership in the region. Our goal is to provide students with high-quality technical education and the information and abilities needed to pursue careers in engineering.

OUR MISSION

DEC is on a mission to empower talented and innovative minds to shape the future of technology and become a leader in engineering research, innovation, and entrepreneurship who can contribute to society in the most dignified and selfless way



OUR VISION

To be the one of the premier technical institution for its academic excellence and innovative research to meet the future needs of the society

ADMISSION PROCEDURE

Combined Entrance Examination (CEE)

Admission is granted exclusively to students who pass the state-level Combined Entrance Exam (CEE) conducted by Assam Science and Technology University, Assam, which follows a format similar to the JEE. Each year, around 25,000 to 40,000 candidates appear for the CEE, with only the top 10% earning the opportunity to study at Dhemaji Engineering College (DEC). Additionally, as per AICTE guidelines, diploma holders are admitted directly into the 3rd semester, with the number of such admissions being 10% of the total intake for each B.Tech course. These students must clear the Joint Lateral Entrance Examination, also conducted by Assam Science and Technology University, Assam.

From Principal's Desk

DHEMAJI ENGINEERING
COLLEGE



At Dhemaji Engineering College , we are resolute in our commitment to create a learning environment that transcends traditional boundaries. We don't just educate; we inspire. Our students are encouraged with confidence. We provide state-of-the-art facilities, an accomplished faculty, and an array of dynamic academic programs, ensuring a well-rounded education that prepares our graduates for the ever-evolving professional landscape.

As the principal, I am dedicated to facilitating the success of our students and fostering productive collaborations. The possibilities that arise from such partnerships are boundless, and I believe that together, we can create a thriving ecosystem.

Thank you for considering Dhemaji Engineering College as a potential collaborator and source of talent. Please don't hesitate to reach out , we are ready and excited to explore the possibilities of a meaningful partnership.



~Dr. Dilip Kumar Bora
(Principal)

T&P COORDINATORS

Faculty Coordinators





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ACADEMIC LIFE

DEC believes in Empowering Minds, Enhancing Futures .

The rigorous undergraduate academic programs foster intellectual growth, creativity, and critical thinking of the students. Expert faculty mentorship and guidance shape our students' academic journeys. Interactive learning environments and state-of-the-art facilities enhance the learning experience.

Along with academic curriculum research-driven approaches and innovative projects prepare students for real-world challenges. Regular workshops, seminars, and guest lectures expand knowledge horizons. The academic programmes of DEC is designed to meet the industry expectations and build a horizontal path for career development of undergraduate students.

UNDERGRADUATE PROGRAMMES

**Bachelor of Technology
(B.Tech)**

Admission through: CEE

Duration: 4 Years

Stream : Computer Science
Civil
Mechanical

Social Internship Training : 1 month

Academic Internship Training: 1 month

Industrial Training : 1 month

Final Year Project : 1 Year

COMPUTER SCIENCE ENGINEERING

Established in 2020, the Computer Science Engineering Department of Dhemaji Engineering College has an annual intake of around 60 students for the B.Tech program .

Labs

C, C++, JAVA

PYTHON,PHP

DATA STRUCTURE ALGORITHM

OBJECT ORIENTED PROGRAMMING

COMPUTER NETWORKS

DATABASE MANAGEMENT SYSTEM

ELECTRONICS DEVICE LAB



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CIVIL ENGINEERING

Established in 2020, the Civil Engineering Department of Dhemaji Engineering College has an annual intake of around 60 students for the B.Tech program .

Labs

ENVIRONMENTAL ENGINEERING LAB

STRUCTURAL ENGINEERING LAB

HYDRAULICS LAB

MATERIAL TESTING LAB

CONCRETE TECHNOLOGY LAB

GEOTECHNICAL ENGINEERING LAB

ENGINEERING SURVEY LAB



MECHANICAL ENGINEERING

Established in 2020, the Mechanical Engineering Department of Dhemaji Engineering College has an annual intake of around 60 students for the B.Tech program .

Labs

THERMODYNAMICS AND IC LAB
DYNAMICS OF MACHINERY LAB
MATERIAL TESTING LAB
MECHANICS OF MATERIAL LAB
INSTRUMENTATION LAB
REFRIGERATION AND AIR CONDITIONING LAB
FLUID MECHANICS LAB
HEAT TRANSFER LAB



CURRICULUM

Computer Science Engineering

Core Subjects

- Problem Solving Through Programming using C
- Object Oriented Programming using C++
- Data Structure and Algorithm
- Digital Systems
- Basic signals and Systems
- Computer Organisation and Architecture
- Java
- Operating Systems
- Graph Theory
- Python
- Data Base Management Systems
- Design and Analysis of Algorithm
- Formal Language and Automata Theory
- Web Programming
- Computer Graphics
- Compiler Design
- Computer Networks

Civil Engineering

Core Subjects

- Construction Materials, Practices and Management
- Strength of Materials
- Engineering Mechanics
- Transportation Engineering (Highway, Railway, Airport)
- Water Resource Engineering (Fluid Mechanics, Hydraulics, Hydrology, Irrigation)
- Geotechnical Engineering (Soil Mechanics, Foundation)
- Environmental Engineering (Water Treatment, Waste Management)
- Design of Reinforced Concrete and Steel Structures
- Structural Analysis
- Engineering Graphics
- Engineering Survey

Mechanical Engineering

Core Subjects

- Thermodynamics
- Heat Transfer
- Fluid Mechanics
- Theory of Machines
- Strength of Materials
- Machine Design
- Industrial Engineering and Management
- Refrigeration and Air conditioning
- Engineering Mechanics
- Material Science
- Engineering Inspection and Metrology
- Manufacturing process
- Operation Research
- Power plant Engineering
- Industrial Safety
- Renewable Energy
- Internal Combustion Engines
- Optimization techniques
- Numerical Methods

WHY RECRUIT US?

- **State of the art infrastructure and facilities**
- **Holistic Developments**
- **Highly qualified & experienced faculty**
- **Centre of Excellence in Technical Education in North East india.**
- **Access to Industry Relevant Skills and Cutting Edge Technologies.**
- **Industrial exposure of students in reputed organisation**

PLACEMENT PROCEDURE



CONTACT

We are pleased to provide our contact information and the preferred method of communication for your convenience. Interested companies can reach out to the Training and Placement Cell of Dhemaji Engineering College via email at tnp@dec.ac.in for any further queries.



INVITATION

For on-campus recruitment, we invite companies to conduct interviews and hire students directly from our campus. The Training and Placement Cell of Dhemaji Engineering College sends formal invitations to companies, outlining the schedule, interview process, and other relevant details via email.



INFORMATION SHARING

The Training and Placement Cell of Dhemaji Engineering College serves as a bridge between students and companies. We share information with students regarding job opportunities, internships, and recruitment events. Additionally, we gather details from companies about job openings, required skills, eligibility criteria, application procedures, and the selection process, which are then communicated to the students.



PROCESS

Companies interested in conducting a Pre-Placement Talk can send a request to visit our campus or interact with students online. These presentations, organized by the recruiting company, provide essential background information about the organization to potential job candidates. The placement process stages will be followed according to the recruiter's requirements and processed accordingly.



DECLARATION

Once the selection procedure is completed, the company should submit the list of selected students along with the offer letters to the Training and Placement Cell. This marks the conclusion of the placement session.

INDUSTRIAL PARTNERS



IndianOil



ASD
Skills For Employment

অসম চৰকাৰ



GOVERNMENT OF ASSAM
PWD
PUBLIC WORK DEPARTMENT



CORIZO
Empowering Tomorrow's Leaders



XOPUNTECH
DREAMS INTO REALITY



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CAMPUS LIFE

Campus life at Dhemaji Engineering College offers a vibrant mix of academics, extracurricular activities, and a close-knit student community.



Nestled in a scenic environment, the college provides a peaceful yet engaging atmosphere for students to pursue their engineering studies. With various clubs and societies, students actively participate in cultural, technical, and sports events, fostering a holistic educational experience. The campus encourages innovation and teamwork, with opportunities for hands-on projects, workshops, and seminars.



Its serene surroundings and supportive environment make it an ideal place for both personal and academic growth.



CLUBS



INNOVATION CLUB



ROBOTICS & CODING CLUB



CULTURAL CLUB



LITERARY CLUB



GDG



SPORTS CLUB



NSS CLUB



ECO CLUB

REACH US



BY ROAD

- NH 15 offers easy access to Dhemaji Engineering College, connecting it to major towns, with local roads providing convenient campus access.

BY TRAIN

- Dhemaji Railway Station, about 12 km from Dhemaji Engineering College, offers easy campus access via private rentals and public transport.



BY AIR

- Dibrugarh Airport, about 74 km away, and Lakhimpur Airport, around 65 km from Dhemaji Engineering College, are the nearest airports. Taxis and buses are available for easy travel to the campus from both locations.

GET CONNECTED



POSTAL ADDRESS

TRAINING AND PLACEMENT CELL,
Dhemaji Engineering College
No.5 Tekjuri, Dhemaji, Assam, INDIA, PIN-787057



- tnp@dec.ac.in
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