DHARMSINH DESAI UNIVERSITY, NADIAD

FACULTY OF TECHNOLOGY

MECHANICAL ENGINEERING DEPARTMENT



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MECHANICAL ENGINEERING DEPARTMENT

Programs offered and Seat Matrix

B.Tech. in Mechanical Engineering

With specialization in

1. Robotics and Automation

2. Electric Vehicles

(Honors degree for Mechanical students and Minor degree for other engg. branch students)

Course duration: 4 years

- Lateral Diploma to Degree entry through ACPC in 2nd Year

M.Tech (CAD/CAM)

Course duration: 2 years

- Admission Through ACPC
- Direct Admission for students who qualify the GATE exam
- The GATE-qualify students can avail of a stipend as per Govt. Rules.

State of the art infrastructure



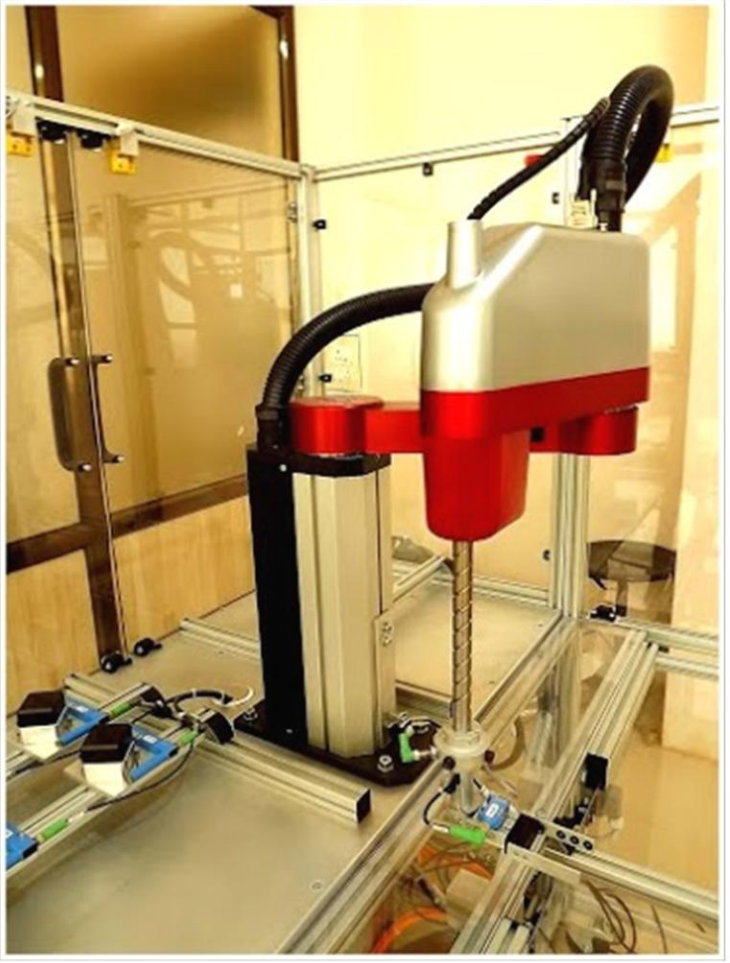
Mechanical Measurement & Metrology Lab



Dynamics of Machine Lab



Kinematics of Machine Lab



Robotics Lab

State of the art infrastructure



Fluid Mechanics & Fluid Machines Lab



Power Plant Lab



Material Science Lab



Refrigeration & Air-Conditioning Lab

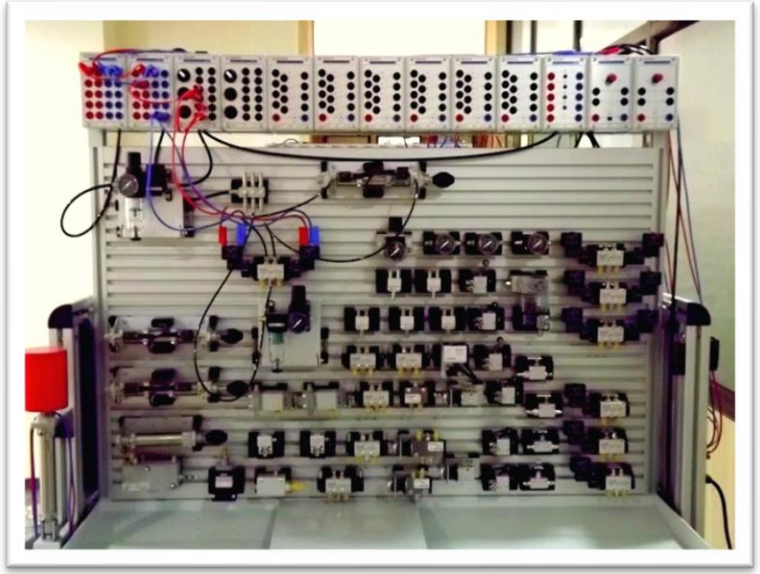
State of the art infrastructure



Central Workshop



Hydraulics Lab



Pneumatics Lab

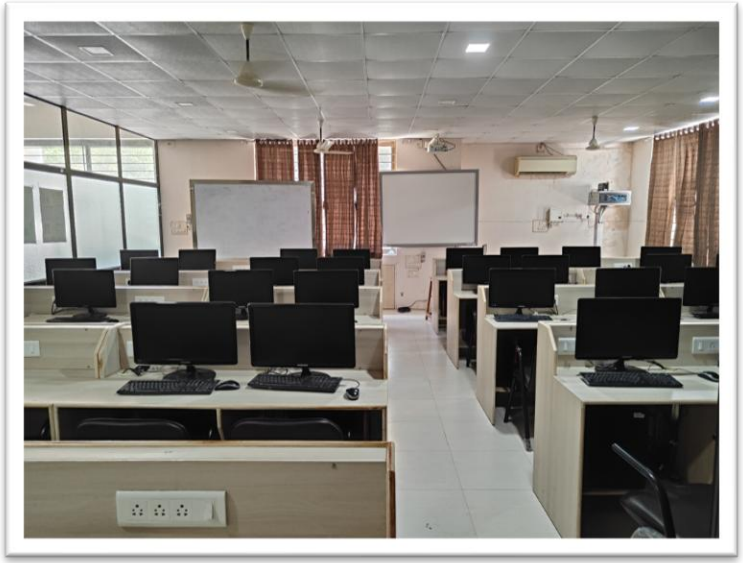
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PLC Lab



Sensorics Lab



CAD Lab

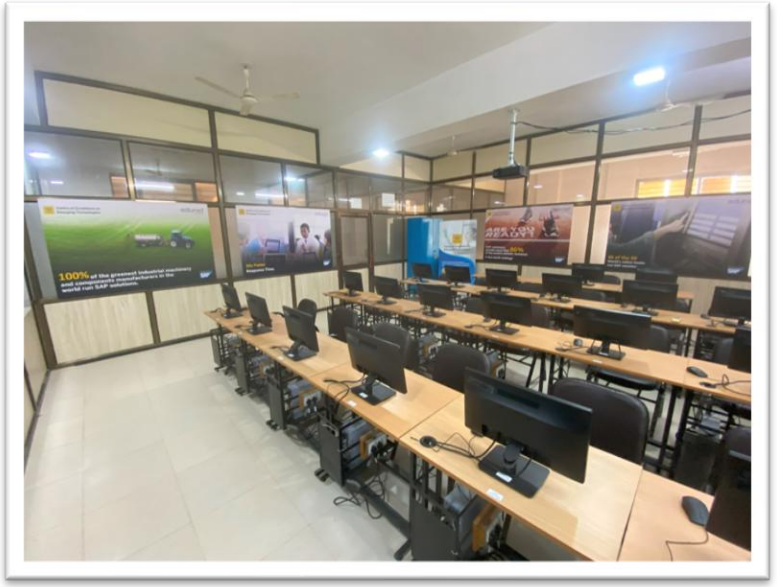
State of the art infrastructure



IC Engine and Automobile Lab

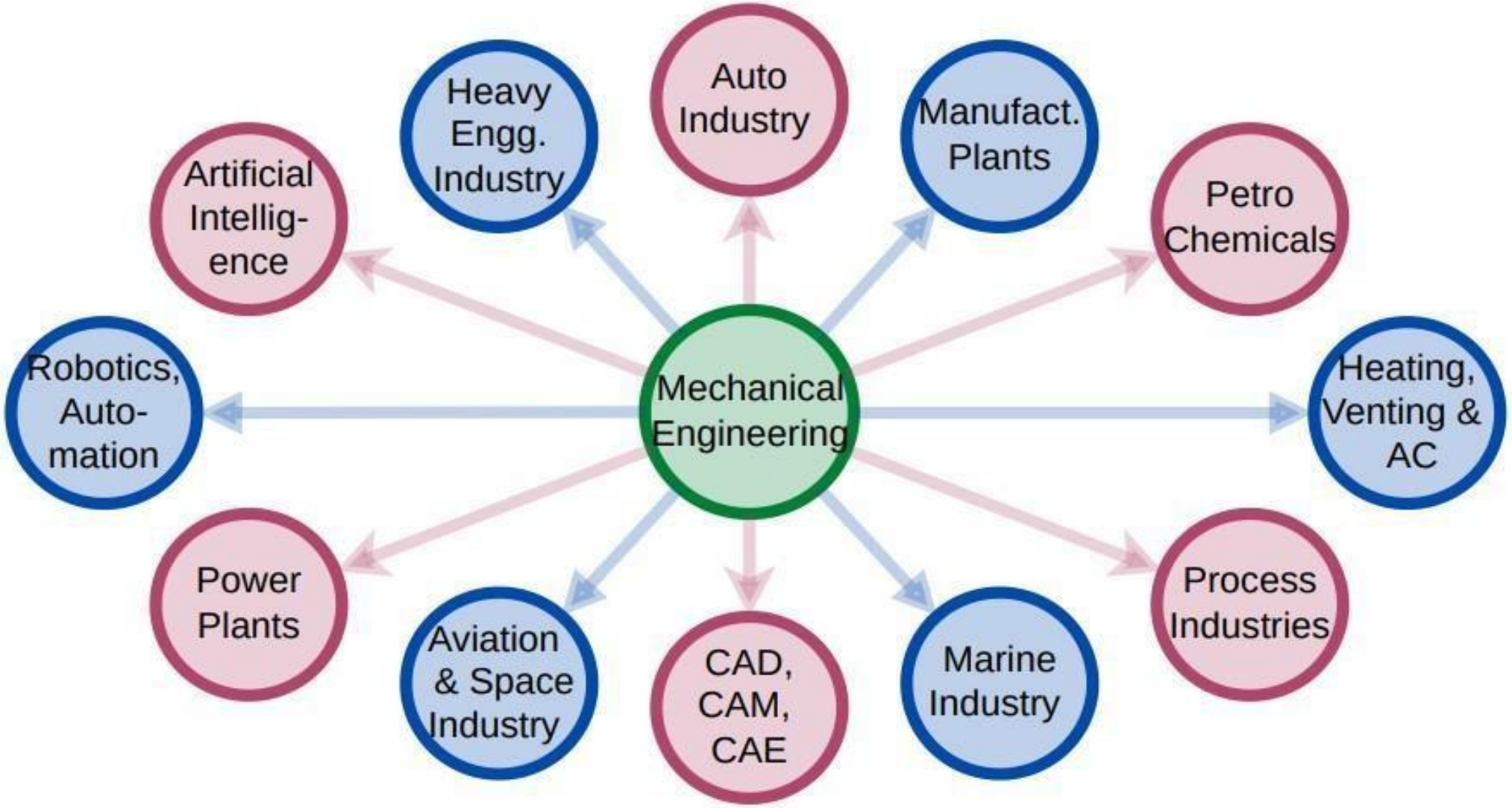


Programming Lab



AIML Lab

SCOPE OF MECHANICAL ENGINEERING



Why to choose DDU Mechanical ?

01

Unique Teaching- Learning Practice

Student chapters, Training and Workshops and Industrial Visits

Industrial Training

02

First-rate Placement Record

Recruited by India's Finest Companies

Roaring Placement Record

03

Patronage Higher Education

Molding students interest in Specialization

Securing admissions in Top global Universities

04

Building Leaders

Developing Leadership skills to carve own path

Encouraging students to be entrepreneur

01

UNIQUE TEACHING-LEARNING PRACTICE

LEARNING OUTSIDE THE CLASSROOM

- To enhance the technical skills of the students, the department frequently arranges Industrial visits, Seminars, Training Workshops, Expert Lectures, and Competitions.
- The DDU ISHRAE student chapter actively organizes various events for its student members to make them competent HVAC professionals.
- The DDU Mechanical Engineering Student Association (MESA) is another student chapter with a vision to help its student member in gaining contemporary knowledge by organizing various events.

01

UNIQUE TEACHING-LEARNING PRACTICE

LEARNING OUTSIDE THE CLASSROOM





Glimpse of Student Training at Bosch-Rexroth Centre of Excellence for Robotics and Automation





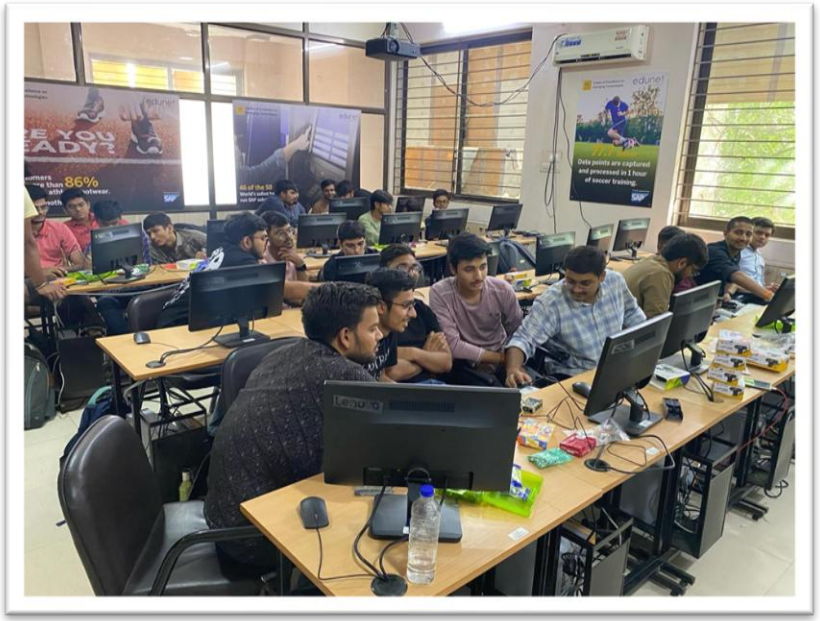
01

UNIQUE TEACHING-LEARNING PRACTICE

LEARNING OUTSIDE THE CLASSROOM







Glimpse of Student Training at
SAP - Center of Excellence on Emerging Technologies

01

UNIQUE TEACHING-LEARNING PRACTICE

LEARNING OUTSIDE THE CLASSROOM









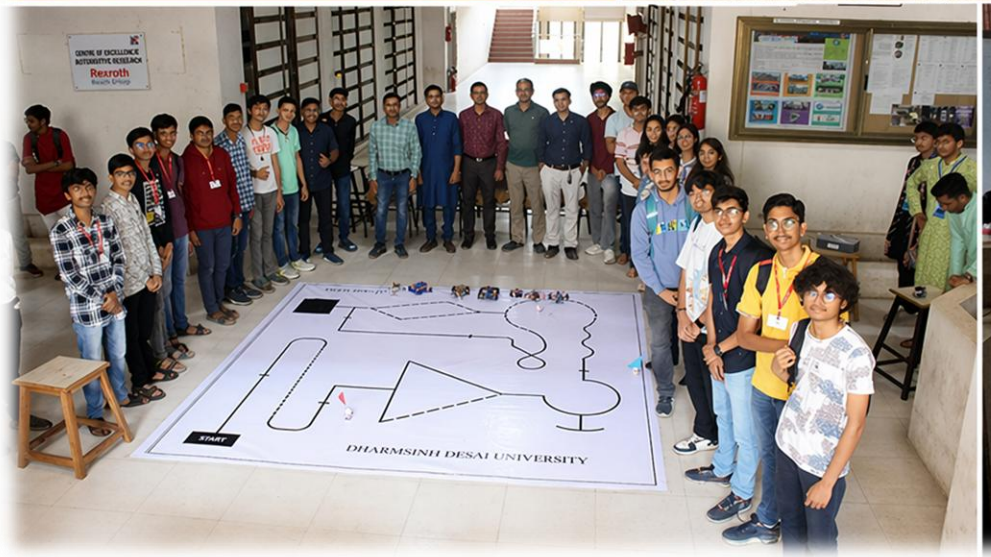
01

UNIQUE TEACHING-LEARNING PRACTICE

LEARNING OUTSIDE THE CLASSROOM









01 UNIQUE TEACHING-LEARNING PRACTICE

INDUSTRIAL TRAINING

- In the 8th semester, students have to undergo Industrial Training for 8 weeks.
- While the majority of institutions focusing on academic concepts and principles in the classroom, our unique practice of teaching-learning set out for the students to sense the heat of the real world through Industrial Training in their last semester.
- This practice enables students to clench on new industrial processes, business models, and corporate cultures quite before receiving their bachelor's degree and beginning their professional life.

01

UNIQUE TEACHING-LEARNING PRACTICE

EXPOSURE TO DIVERSE INDUSTRIES

- Students are taking rich and in depth experience in their area of interest in different industries through Industrial Training and summer internships.

❖ **Training undergone by students in various industries**

- ❑ Engineering Industries
- ❑ Process Industries
- ❑ Automobile Industries
- ❑ Chemical Industries
- ❑ OEM industries
- ❑ HVAC
- ❑ Automation

01

INDUSTRIAL TRAINING

Major Companies



02

PLACEMENT DETAILS

ORIGIN FOR PROFESSIONAL JOURNEY

- Providing a Platform where students can offer their knowledge and skills to India's finest industries.
- Our associated recruiters are giant conglomerates and MNCs offering a dream career to selected students.
- Our students are nurtured in such a way that they become competent to take up any challenge in their professional life.

02

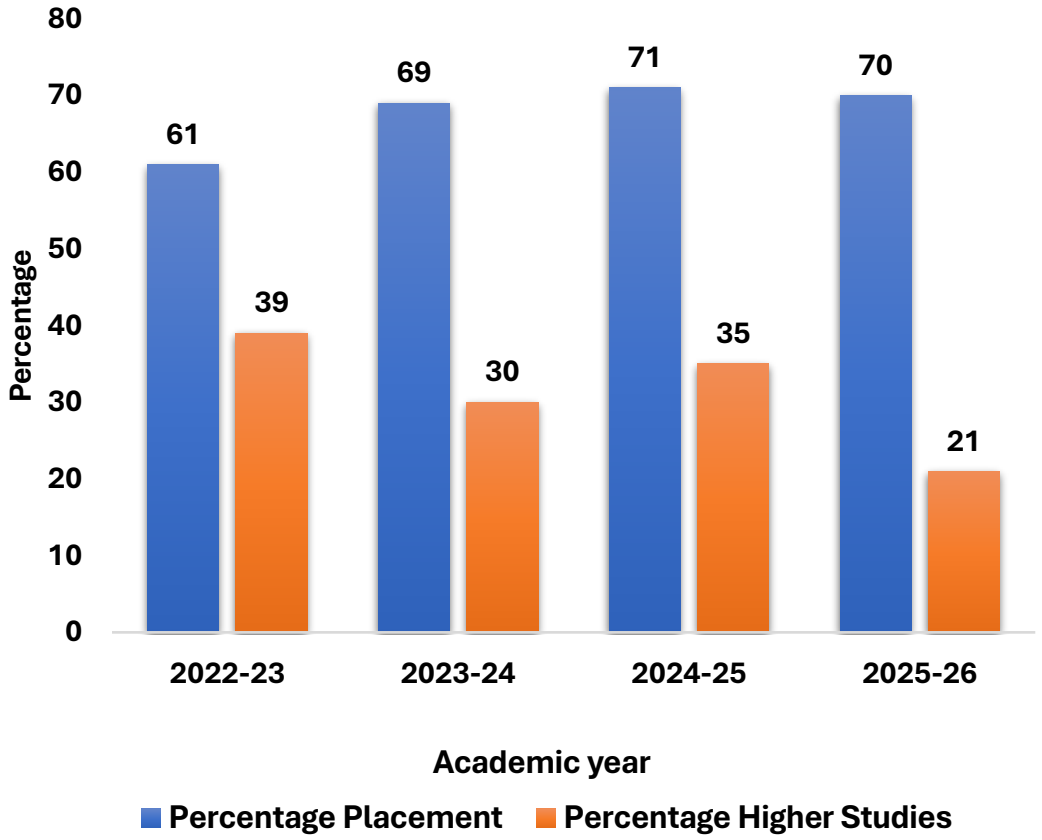
PLACEMENT DETAILS

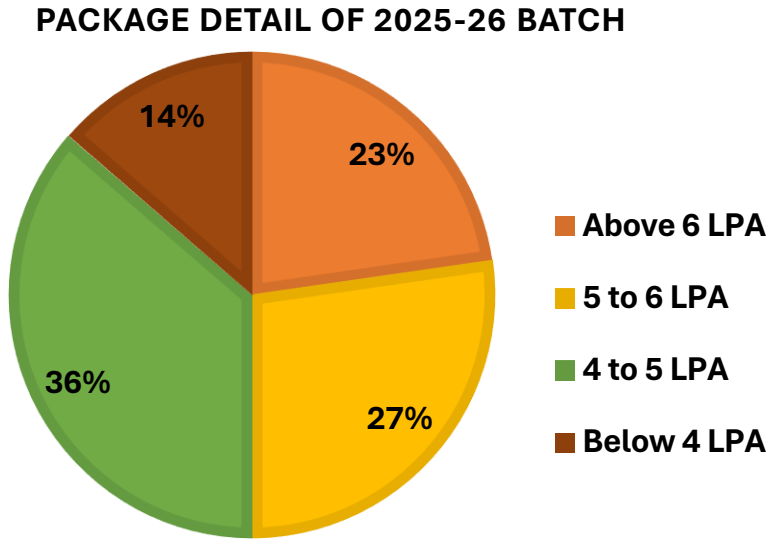
Major Recruiters



02

PLACEMENT DASHBOARD





No of Students Placed	22
Maximum Package	7.7 LPA
Average Package	5.36 LPA
No of Companies Visited	23

02

TESTIMONIALS



Neel Goswami (2022 -26)
Graduate Trainee
Suzuki Motors India Pvt. Ltd.



Manan Modi (2022 -26)
Graduate Trainee
Atlas Copco



Kuntesh Patel (2021 -25)
Graduate Trainee
Micron Semiconductor



Krishna Panchal (2021 -25)
Graduate Trainee
Agratas Batteries - Tata Enterprise



Parekh Shivam (2020 -24)
Graduate Trainee
Suzuki Motors India Pvt. Ltd.



Patel Arjun (2020 -24)
Officer Trainee
Aarti Industries

02

TESTIMONIALS



Joshipura Tasmay (2019 -23)
Graduate Trainee
Adani Group



Shah Parth (2019 -23)
Graduate Trainee
DCM Shriram Ltd.



Prastav Bansal (2018 -22)
Graduate Trainee
Reliance Industries Ltd.



Shubham Sheth (2018 -22)
Graduate Trainee
Deepak Phenolics Ltd.



Deep Parikh (2017 -21)
Graduate Trainee
Reliance Industries Ltd.



Dignesh Mandanka (2016 -20)
Piping Engineer
Worley India Pvt. Ltd.

03

HIGHER EDUCATION

- Today many engineering students are aspiring to overseas studies. They are determined for thriving in their career in developed countries.
- Department has resolutely supported many students to secure admission in high-ranked Indian as well as abroad universities for their Master.
- Department frequently organizes workshops where well-known professionals provide information regarding process and precautions for higher education in India as well as abroad.

03

ASPIRATION MEETS SPECIALIZATION



- Adit Desai is one of the brilliant student of mechanical engineering, batch 2016-18.
- He achieved an impossible feet of scoring 340 / 340 in the GRE exam which is still a benchmark for many aspirants.
- He has completed his MS in Mechanical Engineering from Stanford University having T.H.E rank 04.
- At present, he is working as a robotics and automation engineer at Ebots Inc. in the USA.

03

ASPIRATION MEETS SPECIALIZATION



- Karan Vaishnav is another gemstone of mechanical engineering, batch 2015-2019.
- He has completed his MS in Mechanical Engineering from Michigan Technological University.
- At present, he is working as Process Engineer in the **Tesla Fremont factory**, in California, USA.

03

ASPIRATION MEETS SPECIALIZATION



Vedang Kansara
University of Southampton



Deep Patel
Hochschule Schmalkalden
University of Applied Science



Bhargav Patel
University of Ottawa



Jagrat Ruparel
University of Alberta



Shrusti Desai
Southern Methodist University



Aishwarya Chauhan
California State University

03

ASPIRATION MEETS SPECIALIZATION



- Ankit Kukadia is one of the genius students of the mechanical engineering, batch 2013-2017.
- He had secured 99.75 percentile in GATE 2017
- He has completed M.Tech. (Aerospace Engineering) from IIT Madras.
- He is a founding member and manager for sky Tran project of Reliance Industry, Mumbai.
- He is also Co-founder for Avishkar Hyperloop project.
- He also delivered presentation on TEDx for Hyperloop project. (https://youtu.be/hDm0-lZwqxs)

03

ASPIRATION MEETS SPECIALIZATION



Tithi Ojha
IIT Bombay



Ria Langalia
IIT Kanpur



Ankit Pandya
IIM Mumbai



Jaishil Modi
IIM - Udaipur



Devang Gajiwala
XLRI - Jamshedpur

04

BUILDING LEADERS

- “Learning and Leadership are indispensable to each other.” – John F. Kennedy
- Department often arranges and executes various events for students by the students. After participation in events, students carry with them various leadership styles such as Authoritative, Affiliative, Democratic, and Pacesetter.
- Equipped with leadership skills our students are able to conquer the trust of worker groups and management.

04

BUILDING LEADERS



Barat S.
Founder & CEO
DexSent Robotics



Sureel Sheth
Director
Navjivan flour & pulse mills Pvt. Ltd.



Utsav Shah
Managing Director
UNP Polyvalves India Pvt. Ltd.



Mayank Ukani
Owner
TBEEX Prestressed Concrete Equip. LLP



Darvin Dalsania
Co-Founder/ Entrepreneur
Cubein e Manufacturing Solution



Mechanical Engineering Department

Welcomes you

For Admission Contact us:

Prof. Kartik Mandavia [8866322047]

Prof. Pranav Parikh [9824006579]