

## Mechanical Engineering Department

### Programs offered

#### Intake

#### Graduation in:

BE (Mechanical) – 120

#### Post-graduation in:

CAD/CAM – 24

Thermal Engg. – 24



## A D PATEL INSTITUTE OF TECHNOLOGY

(Since 2000)

A CHARUTAR VIDYAMANDAL  
INSTITUTION

[www.adit.ac.in](http://www.adit.ac.in)

### Vision of the Department

Nurturing a universally relevant knowledgeable and skilled human resource in Mechanical Engineering.

### Mission of the Department

- Providing quality infrastructure and learning inputs.
- Imparting value based knowledge.
- Offering industry relevant hands on practice and project based training.

### Contact us at

**Dr. Vishal Singh, HOD**

**Mechanical Engineering Department**

**A D Patel Institute of Technology**

**New Vallabh Vidyanagar**

**Post Box No. 52**

**Vitthal Udyognagar, Dist. Anand,**

**Gujarat , India – 388121**

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### Prospective Students

#### UG

- Refer to [www.jacpcldce.ac.in](http://www.jacpcldce.ac.in) for prevailing admission norms.

#### PG

- Eligibility\*\*:  
ME (CAD/CAM) : BE/ B.Tech. in Mechanical, Production, Automobile, Industrial Engineering, Mechatronics  
ME (Thermal) : BE/ B.Tech. in Mechanical, Automobile, Marine  
\*\* One has to qualify GATE or PG CET for PG admission

## Department at a Glance

- 32 qualified, experienced faculty members from IIT's , NIT's and reputed universities.
- Department has invested more than Rs. 4.0 crores in various well equipped laboratories and workshop.
- Department has 100+ research publications
- The department has many ongoing research project grants
- Department has been awarded best thesis in mechanical engineering at national level
- Students have been consistently getting gold medals at university
- Students are encouraged for regular industrial visit and industrial training and participation in ROBOCON, SAE, ISHRAE etc.
- ADIT has state of art sport complex and auditorium for co-curricular and extra curricular activities providing opportunity for all round personality development.

## Students Projects or Dissertations Work at

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|--|---|
| <ul style="list-style-type: none"><li>• L&amp;T</li><li>• Thermax</li><li>• GMM</li><li>• INOX</li></ul> | <ul style="list-style-type: none"><li>• ERDA</li><li>• SPRERI</li><li>• ISRO</li><li>• CSMCRI</li></ul> |
|--|---|

## Our Alumni's at

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>▪ Reliance</li><li>▪ L &amp; T</li><li>▪ Adani</li><li>▪ TCS</li><li>▪ Alstom</li><li>▪ SETCO</li></ul> | <ul style="list-style-type: none"><li>▪ GMM</li><li>▪ IPR</li><li>▪ Elecon</li><li>▪ Infosys</li><li>▪ GEA</li><li>▪ INOX</li></ul> |
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## Students are trained in computational tools and software such as

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Pro/Engineer</li><li>• Ansys</li><li>• LS Dyna</li><li>• Hypermesh</li><li>• MATLAB</li><li>• CNC Train</li></ul> | <ul style="list-style-type: none"><li>• HTRI</li><li>• FLuidSim</li><li>• Autodesk Products</li><li>• Fluent</li><li>• CFX</li></ul> |
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## Department's Laboratories



**CIM setup**



**Mini Power plant**



**JYOTI CNC Lathe DX 200**