

# DEPARTMENT OF MECHANICAL ENGINEERING

## PUNJABI UNIVERSITY, PATIALA

(Established under Punjab Act. No. 35 of 1961)

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<http://www.punjabiversity.ac.in/> <http://pupadmissions.ac.in/>  
<http://www.punjabiversity.ac.in/Pages/Department.aspx?dsenc=54>



### ABOUT THE DEPARTMENT

Mechanical Engineering was one of the branches started under the aegis of University College of Engineering, established in the year 2003, at Punjabi University, Patiala (Main Campus). The department has been established with the objective of imparting quality technical education at undergraduate and postgraduate levels and has earned reputation in North India. The four year B.Tech. Program in Mechanical Engineering aspires to endow students with engineering knowledge and practical experience for building a robust foundation in various aspects. The department also offers M.Tech. (Regular & Part Time) courses and Six Year Integrated B.Tech.-M.B.A. The department is equipped with excellent infrastructure and various state-of-the-art laboratories. The laboratories possess latest equipment, instruments and software packages. Aesthetically designed academic area, cafeteria etc. in a clean and green ambience provide a very conducive environment for academics. The main strength of the department is the dedicated band of qualified faculty members, offering a harmonious blend of industrial and academic experience. Presently, there are 34 faculty members in the department, 7 Professors and 27 Assistant Professors along with well-trained technical and non-technical staff to assist them. The department boasts of its intellect with 14 doctorate faculty members. Punjabi University is NAAC 'A' grade accredited by the University Grants Commission.

### COURSES OFFERED

Title of Program	Duration	Year of Starting	Sanctioned Intake	Eligibility Criteria
B.Tech. (Mech. Engg.)	4 Years	2003	180 Seats	Passed out students of 10+2 or equivalent with Physics, Chemistry, Mathematics and English subjects, are admitted on the basis of merit in JEE (Main) – 2018. The remaining vacant seats will be filled on the basis of merit of qualifying examination 10+2.
B.Tech. Part-II Lateral Entry (Mech. Engg.)	3 Years	2004	18	Diploma (or B.Sc.) in any branch of Engineering and Technology with minimum 60% marks in aggregate (55% for SC/ST & disabled persons categories)
Six Year Integrated B.Tech.-M.B.A. Program (Mech. Engg.)	6 Years	2009	25 Seats	Qualified 10+2 (Non-medical Science Group) with minimum 60% (55% for SC/ST & disabled persons categories) marks. <u>Lateral Entry for Diploma Holders in 2nd year of Six Year Engg. Management Integrated (Mechanical) program</u> Diploma (or B.Sc.) in any branch of Engineering and Technology with minimum 55% marks in aggregate (50% for SC/ST & disabled persons categories)
M. Tech. (Regular) (Mech. Engg.)	2 Years	2009	60 Seats	B.E./B.Tech. in respective branch of engineering (Mechanical/ Industrial/ Production/ Manufacturing/ Material Science/ Aeronautical or Automobile Engineering) with 60% (55% for SC/ST & disabled persons categories) marks. Admission is made on the basis of GATE / Entrance test conducted by Punjabi University, Patiala. The remaining vacant seats will be filled on the basis of merit of qualifying examination B.Tech.
M. Tech. (Part Time) (Mech. Engg.)	3 Years	2011	60 Seats	
Ph.D. (Mech. Engg.)	3 Years	2005	As per slots available	Entrance Test conducted by Punjabi University, Patiala. GATE / NET / JRF Qualified candidates.

### PLACEMENTS / RECRUITERS IN LAST FIVE YEARS WITH PACKAGE

<http://pupdepartments.ac.in/placement/placement.html>

HLS Asia (6.45-8.55 lakhs)	SML Isuzu (6 lakhs)	Akash Educational Services Ltd. (5.61 lakhs)
JSW Steel (4.25-4.75 lakhs)	Sagacious Research (3.6 lakhs)	Samundara Inst. of Maritime Studies (5.04 L)
TT Consultants (3.6 lakhs)	XL Dynamics (3.5 lakhs)	Groz-Beckert (4.79 lakhs)
Infosys (3.25 lakhs)	Tech Mahindra (3.25 lakhs)	APCO Infrastructure (2.64 lakhs)
Indian Army (As per scale)	Asahi India (AIS) (2.75 lakhs)	DP Jain & Co. Infra. Pvt. Ltd. (2.5 lakhs)

## MAJOR LABORATORIES OF DEPARTMENT

Refrigeration & Air Conditioning Lab.	Strength of Materials Lab.	Theory of Machines Lab.
Computer Integ. Manufacturing Lab.	Computer Aided Design Lab.	Research Lab.
Internal Combustion Engines Lab.	Fluid Mechanics Lab.	Applied Thermodynamics Lab.
Machining Science Lab.	Fluid Machines Lab.	Sand Testing Lab.

## GLIMPSES OF MECHANICAL ENGINEERING LABORATORIES



## GLIMPSES OF MECHANICAL ENGINEERING PROJECTS



## MAJOR STUDENT FACILITIES & ATTRACTIONS

Extra-Curricular Activities	Post Matric Scholarship for SC	Gymnasium & Sports Complex
Moto Sports Club	Sikh Minority Scholarships	Central Library
Technical Club	Merit Based Scholarships	Guru Teg Bahadur Auditorium
Sports Meet & Gaming Events	Fee Concession on Economic basis	Medical Centre
Expert Lectures & Seminars	Soft Skill Development Programs	Counseling Cell & N.S.S.