



PRMIT&R



Vidarbha Youth Welfare Society's
**Prof. Ram Meghe Institute
of Technology & Research**
Badnera- Amravati

**Department of
Mechanical
Engineering**

Visit us at : <http://mitra.ac.in/mechanical>



39
YEARS OF TRUST AND BELIEF
(ESTD : 1983)

*Simplifying Education,
Amplifying Knowledge*

DTE CODE : 1105



2022 Rank band : 251-300

2021 Rank band : 201-250

2020 Rank band : 251-300

Reference : <https://www.nirfindia.org/2021/EngineeringRanking150.html>

About the Institute

- Vidarbha Youth Welfare Society's Prof. Ram Meghe Institute of Technology & Research, Badnera-Amravati. (Formerly College of Engineering, Badnera) is a leading technological institute from central India.
- Established in the year **1983**, the institute has a prestigious standing of **39 years**.
- **National Board of Accreditation NBA**, (New Delhi) has accredited three UG programs Civil Engineering, Mechanical Engineering and Electronics & Telecommunication Engineering up to 30 June 2022.
- Only Engineering Institute in SGB Amravati University having **National Institutional Ranking Framework (NIRF)**, MHRD, Government of India.
- "A" Grade by **National Assessment & Accreditation Council (NAAC)**
- **Highest placement in region: 801 (AY 2021-2022), Highest Package- 17 LPA, AVG Package – 4.8 LPA**
- **National Employability Award 2020** by ASPIRING Minds for Highest Placement in the region.
- This Institute is approved by AICTE New Delhi & DTE Mumbai.
- The institute has received prestigious "ISTE-Bharatiya Vidya Bhavan National Award for Best Engineering college having Best overall Performance for the year 2015"
- "Higher Education Review" Magazine has recognized the institute as "College of the year 2016 for Faculty Excellence"
- Central Digital Library with more than 78,000+ Books & 3100+ E-Books, 1500+ International / National E-Journals, & free book bank facility.
- Testing and consultancy Center
- First Institute in India to have PARAM Supercomputing Facilities
- First Self Financing Institute to start PG Engg. programs in Maharashtra .
- Only Institute in the region having
 - MHRD's Remote Centre for NMEICT in Collaboration with **IIT, Bombay & IIT, Kharagpur**
 - Wipro's Mission 10X Center of Excellence
 - Robotics Research Center, Research Promotion cell
 - Intellectual Property Rights guidance cell



24 Different Courses (UG, PG & Ph. D.)

3786 Students with 1378 Girls

2912 students placed in last five years

801 2021-22 till Date Highest Package 17 LPA

211 Faculty Members with 50 Ph.D.

291 Students with distinctions

263 University colour holders



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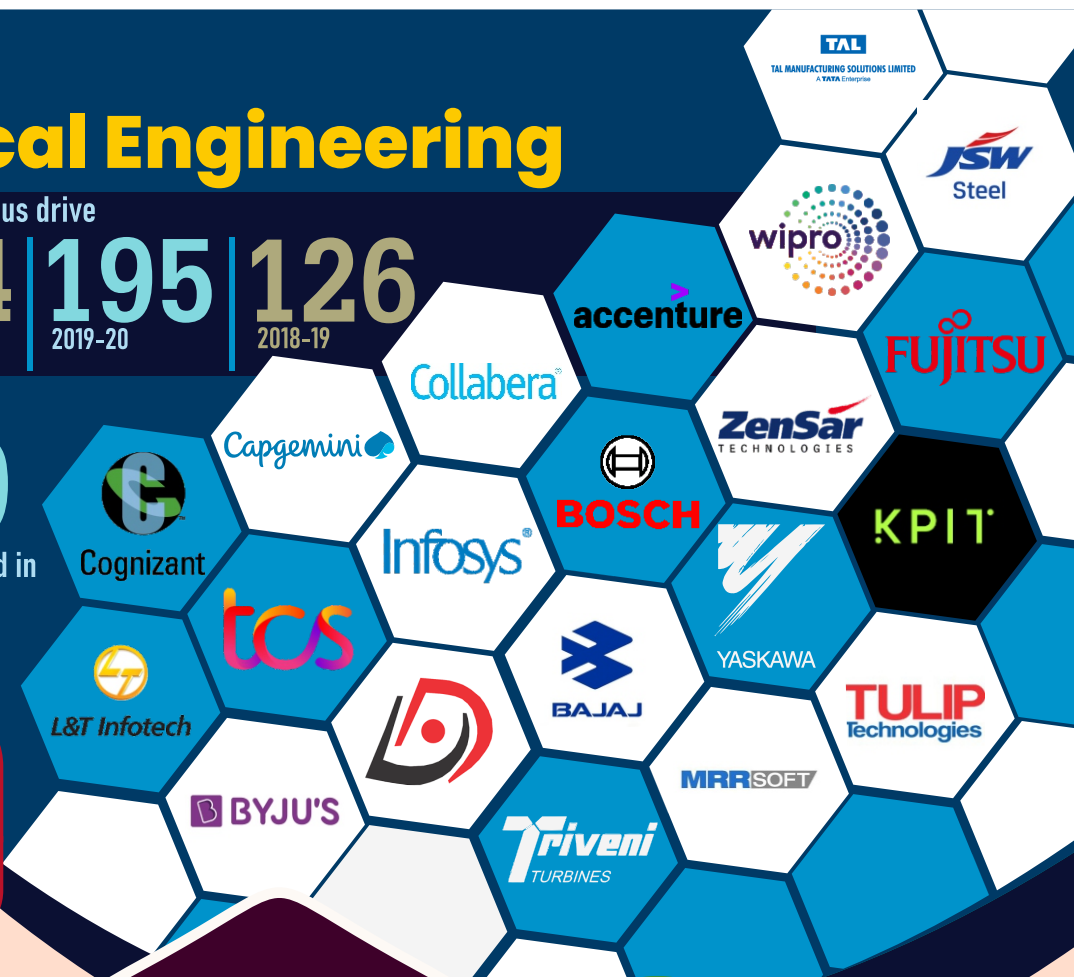
Cognizant
Digital Nature 2.0

Placement of Mechanical Engineering

students placed through campus drive

139 | **104** | **195** | **126**
 2021-22 | 2020-21 | 2019-20 | 2018-19

Total
619
 Students placed in Last Five years



Prof. Dr. Ashish M Mahalle
 Principal, Government College of Engineering Amravati



Mr. Milind Deshmukh
 M.D. Ashtavinayaka Energy & Infra Pvt. Ltd. Mumbai



Mr. Prashant Malamkar
 Plant Head, Garware Technical Fibres Limited

Mechanical Engineering Department Distinguish Alumni



Mr. Devendra Chaudhari
 CEO, Atharv Engineering,
 D-43, MIDC Ambad, Nasik-10.



Mr. Subhodh Sant
 Chief Manager (HR), SIEMENS Ltd,
 Kalwa - Mumbai-India



Mr. Rohit Bhuyar
 Dm/DVA emgineer
 Jaguar land rover, UK



Mr. Rohan Khare
 Managing Director
 Phoenix Agri Science, Ind



Mr. Ravi Laddha
 MD, Sarda Energy Pvt Ltd
 Raipur (India)



Mr. Girish Raghuvanshi
 Vice President, Adani Power,
 Business (AEML) Limited & Member
 of HR Functional council, BKC-Mumbai



Vivek Bhide
 HOLCIM- PROJECT
 MANAGEMENT
 OFFICE (PMO) OF CIO



Alok Ambadkar
 Crane Middle East & Africa
 Application Specialist
 United Arab Emirates



Mr. Swapnil Pitale
 Global Practice Head - Intelligent
 Automation at Larsen & Toubro
 Infotech Ltd (LT) Pune, Maharashtra, India



Dr. Sanjay Bokade
 Principal, Rajiv Gandhi Institute
 of Technology, Versova,
 Andheri (west) Mumbai



Miss. Aawruiti Deshmukh
 Himile Molds India Private Limited
 Assistant Manager Marketing
 and sales (Techno-commercial)



Miss. Maithlee Raut
 AMD (Advanced Micro Devices)
 Member of Technical Staff,
 Packaging Engineer, California

Why to Graduate in Mechanical Engineering (ME) From-Prof.Ram Meghe Institute of Technology and Research Badnera-Amravati

Reasons To secure Admission in UG in Mech Engg Branch @ PRMITR -Badnera

1. Good Placement Track Record of students with strong bonding of Institute & Alumni with Industrial Association and MoU's.
2. Highest standard of Technical Education and Research Oriented Atmosphere with IPR .
3. Strive for overall Personality Development of Students for Responsible Citizens.
4. Experienced Senior most Faculties acquired their highest Doctorate degree- PhD upgrading with Research and Peer Publications Background.
5. Globally Very Strong Communication of "Training and Placement Department " having 24/7 students support .
6. Nurture and boostup the students to become successful entrepreneurs' and help them for startup.
6. Continuous expert Guidance & Encouragement of Esteem Management of VYWS'S-Amravati.

Jobs for mechanical engineering technology are found in automation, manufacturing, design, and control. Nowadays, there are also jobs pertaining to environment, called green technologies."Green technology" is a huge umbrella that includes power production, waste management, water purification, anomaterials,Solar industries .Graduates of ME could have the opportunity to choose between more hands-on, practical jobs or do more theoretical and calculations related realistic work.If you have wondered which job titles you will get once you get a job in ME.

Following are few examples:-

- ▶ Mechanical Engineering Consultant
- ▶ Product and Materials #Testing Technologist
- ▶ Drafting and Computer #Graphics Engineer/CAD,CAM,CAE
- ▶ Manufacturing and Quality Management Engineer
- ▶ Industrial Automation Engineer,automated assembly line
- ▶ 3-D printing and Rapid Prototype Technology
- ▶ AI &ML and IOT based applications..

The scope of mechanical engineering no longer remains limited to just manufacturing and testing of huge machinery and equipment. With technology making new advancements, there are several new domains in mechanical engineering like robotics, mechatronics, nanotechnology, computer-aided design and graphics,geomechanics, aeromechanics, green technologies, etc.

About the department

Mechanical Engineering Department was established in 1986. The department offers UG course in Mechanical Engineering and PG specializations in CAD / CAM, Thermal Engineering and Production Technology & Management.

A team of highly qualified and experienced faculty members with 18 doctorates is the backbone of department with patents in their credits. The laboratories of the department are approved by SGB Amravati University for doctoral research. The department has state of the art AICTE funded Rapid Prototyping and Industrial Robot setup etc.

Key Points

Oldest department in the region

UG Course is accredited by NBA three times & 'A' Grade by NAAC

**Well qualified, dedicated & experienced teaching staff with
18 Doctorates / 29 M.Tech/ME**

Average Teaching Experience 20+

Remarkable number of patents 36 & journal papers 700+

Strong alumni presence across the world

University approved laboratories for doctoral research

Social commitment by developing projects for benefits of society

**The only Institute in Maharashtra to have YASAKAWA Robotics
& automation lab at Mechanical department for advance
Robotic Research**

Departmental Activities

Vehicles
Developed
by Students



- ▶ MESA
- ▶ SAE Collegiate Club
- ▶ Hobby Club
- ▶ Mini-Projects
- ▶ Soft Skill Training
- ▶ Campus Recruitment Training
- ▶ Industrial Visit
- ▶ Hands-on training
- ▶ Know your Super seniors
- ▶ Talent Incubation Club
- ▶ Nature Club
- ▶ Aptitude Training



Industrial
Training & visits



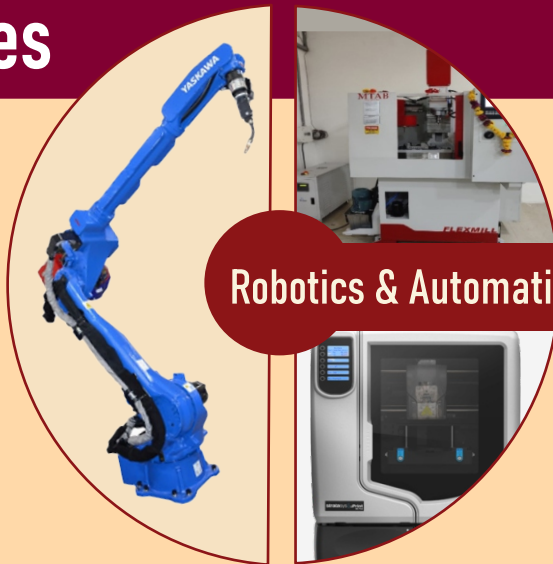
Social
Activities



Laboratories



Fluid Power



Robotics & Automation Lab



NES Lab



CAD Lab



Workshop



IC engine Lab



Refrigeration & Air conditioning lab

BE

UG Course

Sanctioned intake

Mechanical Engineering

120

ME

PG Courses

CAD/CAM

09

Thermal

18

Ph.D Research Center

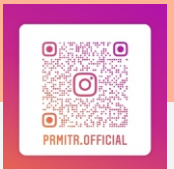
Mechanical / Production Engineering

Ph.D. Supervisors - 17

Research Scholars - 26

Testing & Consultancy Services

- ▶ 3-D Printing
- ▶ Production Center
- ▶ Industrial Product Design & Testing



Vidarbha Youth Welfare Society's
**Prof. Ram Meghe Institute
of Technology & Research**
Badnera- Amravati

*The ideal place to grow & shape
your engineering personality...*

Contact for Admission :

Dr. C. R. Patil : 9421741297 | Prof. H. D. Patil : 9860690078 | Dr. Rucha Kolhekar : 9860001755 | Prof. Chetan Bundele : 9422856373

Department of Mechanical Engineering

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