

ABOUT INSTITUTE



Government Polytechnic, Amravati, is an Autonomous Institute of Government of Maharashtra. The Institute is under Directorate of Technical Education (DTE), Mumbai, M.S. and is administered through its regional office of Technical Education at Amravati. The institute is aimed to impart high class education in Polytechnic disciplines. Institute have total eight engineering (Diploma) disciplines (CE, ME, CO, IF, EE, EJ, PP, CH) and one pharmacy (PH). Many students of this institute are chairing the topmost positions in govt. offices and in reputed companies. Few of the students became successful entrepreneurs & contributing to the overall development of Institute. Seven programme of the institute are NBA accredited. The institute has set up industry sponsored lab of Robotics and having centre of Excellence in IOT and 3-D printing.

VISION

To be vibrant technical institutes of global repute contributing towards the needs of industries & society.

MISSION

- To develop competent diploma engineers suitable for contemporary industrial environment.
- To inculcate socially accepted ethics & values among budding engineers.
- To nurture innovations and entrepreneurship.
- To produce engineers with psychomotor & cognitive skills committed to lifelong learning.

About Department:

Mechanical Engineering Department has been established in the year 1955, with an intake capacity of 60 students. Presently Mechanical Engineering Programme is having intake of 120. Since its inception, the department has been recognized all over Maharashtra for excellence in teaching boosted by highly qualified and experienced faculties. Department is NBA accredited and hosting 12 well equipped laboratories viz. CAD, Internet, Mechatronics, Measurement, RAC, MQC, Automobile, Metallurgy, Power, TOM, Thermal, Hydraulic & FP Lab. Through academic autonomy granted by MSBTE in the year 1995, the Mechanical Engineering Programme always strive to develop comprehensive curriculum on topics related to all aspects of Mechanical Engineering. The present curriculum 2023 is up-to-date and incorporates features of NEP. The courses on nascent topics are included to equip our students with the latest developments in Mechanical Engineering industry.

VISION

To become center of excellence in Mechanical Engineering, catering to the needs of industry and society.

MISSION

- Provide excellent academic ambience for imparting knowledge and skills.
- Respond effectively to the needs of the industry and changing world.
- Provide nurturing environment for promoting entrepreneurship
- Inculcate awareness about behavioral skills, ethical practices and sustainable development.

About the Program:

As ‘Robotics and 3D Printing’ is a buzz word in all segments of manufacturing and servicing sector. There are heaps of innovation opportunities available in this emerging field. Gaining rich exposure through expert and laboratory sessions for faculty members of diploma, engineering institutes will provide stimulating effect in pursuing further work in the fields of robotics and 3d printing. This induction / refresher program is aimed to explore this field for the betterment of industry and ultimately of students and society.

The participants will be able to ...

- Understand various robotics and 3d printing technologies.
- Understand Emerging trends in robotics and 3d printing.
- Get hands on experer on articulated arm 6-axis robot.
- Get hands on experer on FDM 3-D Printing

TOPICS TO BE COVERED...

- Introduction to Robotics
- Industrial Applications of Robotics
- Use of AI in Robotics
- Lab sessions on Robot Programming
- Introduction to 3D printing
- 3D Printing Technologies and scope
- Applications of 3d Printing

RESOURCE PERSONS

Expert sessions will be delivered by eminent speakers from Industries and academia.

TARGET PARTICIPANTS

Faculty members from Government Polytechnic / Engineering of any engineering discipline.

REGISTRATION

Registration fees: No Registration Fees.

How to apply for registration: Participant should fill Google form for registration through following link & send duly signed scan copy of registration form to hodmech1@gpamravati.ac.in

Registration Link: <https://forms.gle/29SEeddafxmmSnSd9>



IMPORTANT DATES

- Submission of online registration form : On or before **07/01/2025**
- Confirmation mail from the department will be sent to every participant on or before **09/01/2025**
- **Maximum No. of Participants - 25**

REGISTRATION FORM

Participants Full Name: _____

Designation: _____

Qualification: _____

Organization: _____

Address: _____

Contact Number: _____

E-mail ID : _____

Signature of Participant : _____

The application of _____

Is recommended and forwarded.

Date: _____

Place: _____

**Seal & Signature
Head of Institution**

PATRONS

Hon. Dr. Vinod M. Mohitkar

Director, DTE Mumbai, Maharashtra

Hon. Shri. Pramod A. Naik

Director, MSBTE Mumbai, Maharashtra

Hon. Dr. Sunil S. Bhamre

J.D. Tech Ed. DTE Mumbai, Maharashtra

Hon. Shri. Manoj M. Andhare

J.D. Tech Ed. Regional Office Amravati

CHIEF COORDINATOR

Dr. Vijay R. Mankar

Principal, Govt. Polytechnic, Amravati

COORDINATOR

Shri. N. J. Shirbhate (9763717811)

Head of Mechanical Engineering

CO-COORDINATOR

Shri. P. M. Kajalkar, LME (9421852009)

ORGANIZING COMMITTEE

Shri. P.D. Patil, LME

Shri. A.G. Mankar, LME

Shri. P.D. Mehta, LME

Shri. M.T. Soheli, LME

Shri. A.B. Tatte, LME

Shri. T.G. Vilhekar, LEE

Shri. S.V. Acharya, LME

Shri. A.R. Bhansali, LME

Shri. B. R. Rathod, LME

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Shri. S.N. Pande, LME

Shri. A.N. Deshmukh, LEE

REGISTRATION COMMITTEE

Shri. S.V. Deshmukh, LME (9766937570)

Shri. K.R. Bhageriya, LME (9422858213)



Government Polytechnic

Amravati

Organizes

**Directorate of Technical Education,
Mumbai (MS)**

Sponsored

**One-week Faculty Development
Programme (FDP)**

ON

“ROBOTICS AND 3- D PRINTING”

SCHEDULED ON

13th-17th Jan 2025

ORGANIZED BY

Department of Mechanical Engineering

Government Polytechnic, Amravati

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