

## ABOUT INSTITUTE

Government Polytechnic, Jalna is one of earliest government polytechnics established by the Government of Maharashtra in the state. This polytechnic was established in the year 1985. The institute offers Diploma in Engineering Courses in five engineering disciplines viz. Civil, Chemical, Computer, Electrical and Mechanical Engineering. The institute has a total intake capacity of 450 students. It is affiliated to the Maharashtra State Board of Technical Education (MSBTE), Mumbai. Recently the Chemical Engineering programme was awarded NBA Accreditation.

## DEPT OF MECHANICAL ENGINEERING

This department was established in the year 1985. Currently it has an intake capacity of 120 students. The department has a good placement record and passed out students are regularly placed in good industries in and around Jalna.

## VISION OF DEPARTMENT

To be a centre of value-based diploma education for creating competent mechanical engineers and entrepreneurs catering to the needs of society and industry.

## MISSION OF DEPARTMENT

To provide conducive academic environment for pursuing education in mechanical engineering.

To practice quality teaching learning processes.

To enhance industry institute interaction for solving real life problems.

To inculcate high moral values, work ethics and environmental concerns and to promote lifelong learning.

## CHIEF PATRONS

**Dr V M Mohitkar**

Director, DTE, MS, Mumbai

**Dr P A Naik**

Director, MSBTE, Mumbai

**Shri UT Naqdeve**

Secretary, MSBTE, Mumbai

**Shri AD Joshi**

JD, DTE, RO, Chatrapati Sambhaji Nagar

## PATRONS

**Mrs M U Kokate**

Dy Secretary (T), MSBTE, Mumbai

**Shri D R Dandqavhal**

Dy. Secretary, RBTE, Chatrapati Sambhaji Nagar

**Mrs KY Kale**

Asst. Secretary (T), MSBTE, Mumbai

**Mrs D G Ganakwar**

Asst. Secretary, RBTE, Chatrapati Sambhaji Nagar

**Dr N R Jawade**

Principal, GP Jalna

## CHIEF COORDINATOR

**Shri AA Jagdale** (9422819911)

Head of Department, Mechanical Engineering

## COORDINATOR

**Shri U S Hiwarale** (9823835056)

Lecturer in Mechanical Engineering

## CO-COORDINATOR

**Shri P D Chopade** (9422961020)

Lecturer in Mechanical Engineering

## ORGANISING COMMITTEE

Shri A A Joshi, LME

Shri S B Shahapure, LME

Shri V S Bihade, LME

Shri P P Wakde, LME

Shri G G Gore, LME

# State Level Technical Paper Presentation Competition

For

## Final Year Students of Diploma in Mechanical Engineering

On

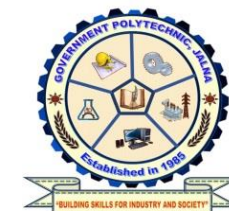
### 24 September 2024

Sponsored by



## Maharashtra State Board of Technical Education, Mumbai

Organized by



## Department of Mechanical Engineering Government Polytechnic, Jalna

## COMPETITION'S OBJECTIVE

Technical paper presentation competitions offer diploma in engineering students a platform to showcase their research, problem-solving skills, and communication abilities. These competitions encourage students to delve deeper into technical topics, develop critical thinking, and gain valuable experience in presenting their ideas to a wider audience. Such events also provide opportunities for networking with peers and industry professionals, fostering a collaborative learning environment.

## RULES OF COMPETITION

- Only MSBTE affiliated and Autonomous polytechnics are allowed to participate.
- The competition is only for final year students of Mechanical Engineering group.
- Paper should be based only on one of the topics mentioned in leaflet.
- Length of paper should be between 1800 – 2000 words, strictly in prescribed format.
- Maximum 04 authors per paper will be allowed. Two Students, HOD and one faculty member.
- Only one entry from each institute will be accepted.
- Entries for the competition are limited to 50.
- Only student authors will be issued winner certificates.
- Decision of the Jury will be final and binding on all participants

## ASSESSMENT CRITERIA

- Relevance & Novelty of Paper: 05 Marks
- Contents of Paper: 20 Marks
- Presentation & Delivery Style: 15 Marks
- Response to Questions: 10 Marks
- Total 50 Marks

## TOPICS FOR PAPER PRESENTATION

Paper should be based only on one of the following topics shortlisted by MSBTE

1. **Emerging Trends in Mechanical Engineering**
2. **Green Engineering**
3. **Innovation in Renewable Energy / Conventional Power Plants**
4. **Artificial Intelligence in Manufacturing Industry**
5. **Industry 4.0**
6. **Smart Materials and their Applications**

## IMPORTANT DATES

Last Date for Submission of Paper: **17.09.2024**

Last Date of Notification of Acceptance: **20.09.2024**

Date of Competition: **24.09.2024**

## PRIZES

**First Prize: Rs. 15,000/-**

**Second Prize: Rs. 10,000/-**

**Consolation Prize: Rs. 5,000/-**

**All student participants will be awarded the Certificate of Participation.**

## ACCOMODATION & TA-DA

Accommodation will be arranged only for students / lady faculty on first come first serve basis. Limited accommodation available. TA & DA will be provided as per MSBTE norms. For any queries:

Contact for Accommodation:

**Shri VS Birkhade, LME: 86986 92493**

Contact for Registration:

**Shri GG Gore, LME: 84829 17733**

## FORMAT FOR PAPER

1. Paper Size- A4, 70 GSM, White
2. Font: Times New Roman
3. Font Size:
  - a) Title of Paper - 14 Bold
  - b) Sub Title - 12 Bold
  - c) Text - 12 Normal + 12 pt
  - d) Margins
    - i. Top - 0.75", Bottom - 0.5"
    - ii. Left - 1.25", Right - 1.0"
    - iii. Gutter - 0", Gutter Position - Left
  - e) Line Spacing - 1.5
4. Two Columns, each 3.5-inch-wide with 0.25" gap between columns
5. Page Numbering on each page: Right Bottom
6. Position of Heading for Table: Top of Table
7. Position of Heading for Figures: Below the figure
8. Printout should be only on one side of paper

## CONTENT FORMAT

- Title of Paper
- Name of Author/s
- Name of Institute
- Abstract
- Contents
- Conclusions
- References

## REGISTRATION

No registration fee for participants. Upload scanned copy of **Registration Form**, in the format prescribed by MSBTE, & the **Technical Paper** on the link provided in the following Google Form.

<https://forms.gle/6VWgei7hhiFKEkoo7>

QR Code for accessing  
the above Google Form =>





# MSBTE TECHNICAL PAPER PRESENTATION COMPETITION 2024-25

## Application Format

Name of Institute:-

Institute Code:-

Branch / Course:- \_\_\_\_\_

Date of Competition:- \_\_\_\_\_  
Code:- \_\_\_\_\_

Competition Conducting Instt.

Title of Paper:- \_\_\_\_\_  
\_\_\_\_\_

Name of Presenter:-

Surname First Name Middle Name

E-mail id of Presenter

Contact No:-

Name of co-presenter (if any):-

Surname First Name Middle Name

E-mail id of co-presenter:-

Contact No:-

Name of Incharge Staff Member:- \_\_\_\_\_

Contact no. of Incharge Staff Member:- \_\_\_\_\_

**Recommendation of Head of Institute:** I hereby recommend above students to participate in MSBTE State Level Technical Paper Presentation Competition 2024-25 at your institute. I also certify that the said students are bonafide students of Final Year Diploma of this institute.

Signature of  
Participants:- 1.  
2.

Signature of Principal

Seal of Institute

Date

(Note:- This application form after duly filling should be scanned and emailed to concerned co-ordinator of the host institute conducting the competition followed by telephonic confirmation with him / her)

**Last Date:- 7 Days prior to the scheduled date of competition.**