

# GOVERNMENT POLYTECHNIC, AHMEDNAGAR



*Organizes*

## A STATE LEVEL TECHNICAL PAPER PRESENTATION COMPETITION

### YANTRANKUR-15

*For*

**First, Second & Final year  
Polytechnic Diploma Students**

*On*

**Tuesday, February 24, 2015**

*under Institution of Engineers  
Student chapter*

#### ADDRESS FOR CORESPONDANCE

**COORDINATOR,  
'YANTRANKUR-15'**

Department of Mechanical Engineering,  
Government Polytechnic, Burudgaon Road,  
Ahmednagar-414001

Phone: (0241-2346192); Mobile No.: (9850818485)

Email: - [dattu.ghane@gmail.com](mailto:dattu.ghane@gmail.com)

Visit Website: [www.gpnagar.ac.in](http://www.gpnagar.ac.in)

#### INSTITUTE PROFILE

Government Polytechnic, Ahmednagar is an institute established by Government of Maharashtra in the year 1990. The institute is approved by All India council for Technical Education, New Delhi (AICTE) and is affiliated to Maharashtra State Board of Technical Education, Mumbai (MSBTE). The institute is located at Burudgaon Road, which is a prime location of Ahmednagar town. The spacious campus of the institute houses Main building comprising of the Academic & administrative wings, workshop building, boys and girls hostel.

#### OBJECTIVE

With the rapid industrialization and economic growth in the country, there has been enormous increase in the professional organization, which requires technical qualified and confident persons. To meet this requirement, Government Polytechnic, Ahmednagar is organizing Paper Presentation Competition to be held on **24<sup>th</sup> February 2015**.

#### INFORMATION ABOUT THE PAPER

- The paper should be in single column, formatted to full width of the page. The paper size should be A4.
- Margin should be : top- 1.0", left -1", right=1" and bottom 1".
- The preferred font is Arial. The title should be in 14 point type. Author information should be in 11 point type and remainder of the document should be 10 point type.
- Do not include page numbers or any other information in the header and footer.
- Average paper length is 3 pages including text, illustration and references.
- Begin abstract (up to 300 words), in one column format. Use ABSTRACT as a heading for this portion. Abstract should not contain figures or equations.
- The Subject/ Topics of Paper strictly technical & related to the discipline only. Length of Paper should be between 1800 to 2000 words (Approx. 180 to 200 Lines).
- Photos and line drawings, clearly marked by figure Numbers, should be reduced and positioned at the appropriate location within the text.

- References should be prepared in the following general format: author (last name first), title of article, title of publication, volume and issue number, year of publication.

#### PARTICIPATION / ELIGIBILITY

The Paper presentation competition is open to the Mechanical, Production & Automobile engineering discipline students of first year, second year & Final year Diploma. (Maximum Two students per team / paper).

#### REGISTRATION PARTICULARS

The Participants are requested to submit their complete registration form along with one soft Copy in CD and one hard copy. One soft copy May also be sent as an attachment in word doc File to coordinator through email on or before **16-02-2015**. The **Registration fee is Rs. 150/-per head (Rs. One Hundred Fifty only)** Payable by D.D. in Favor of Principal, Government Polytechnic, Ahmednagar. Registration fee is not refundable under any circumstances. Hence no such claim will be entertained by the organizing institute. The participating team/individual will have to bear all expenses. No T.A. and D.A will be borne by organizing Institute.

#### RULES

Team may be represented by a maximum of two students (with I-cards) per paper. Time allowed for presentation will be 8 minutes & 2 minutes will be provided after warning bell for queries.

#### ACCOMMODATION

Accommodation will be arranged for one participant on personal request by paying Rs 50/- per participant. If participant(s) inform on or before **20-02-2015**.

#### IMPORTANT DATES

Paper soft copy along with scanned Registration form to be sent by e-mail to coordinator on or before: **16-02-2015**

Announcement of Acceptance: (Acceptance will be communicated by e-mail only) **20-02-2015**

## TOPICS FOR PAPER PRESENTATION

### 1. Mechanical & Production Engineering Group:

- Mechatronics and Robotics.
- Recent trends in manufacturing systems.
- Non conventional Energy Sources.
- Advances in Refrigeration, Air Conditioning.
- Advances in IC Engines & Automotives.

### 2. Civil Engineering group:

- Green building.
- Modern Trends in transportation.
- Earthquake Resistant structures.
- Soil stabilization techniques.
- Recycled aggregates for concrete.
- Role of Vastushashtra in building Construction.

### 3. Electronics & Instrumentation Engg. Group

- Embedded System & VLSI.
- Mobile communication.
- Industrial automation.
- Biomedical Instrumentation.
- Network security System.
- Artificial intelligence.

### 4. Computer Engineering Group

- Green Computing.
- Google Bigtable.
- Hadoop-Bigdata management.
- Facebook thrift.
- Li-Fi Technology.

### 5. Electrical Engineering Group

- Power quantity.
- Power system operation & control.
- Smart grid.
- Energy conservation.

## PRIZES

First three winners of the district level model exhibition competition will get a cash prize, merit certificate and memento. Others participants will get a participation certificate.

## CASH PRIZES

- ✓ **First Prize: Rs. 1000 /-**
- ✓ **Second Prize: Rs. 500 /-**
- ✓ **Consolation Prize: Rs. 300 /-**

## THE ORGANISING COMMITTEE

### CHIEF PATRON

**Prof. Sau. V. P. Ashwathpur**  
Principal, Government Polytechnic, Ahmednagar

### CONVENERS

**Prof. B. M. Kardile**, HOD, Instrumentation  
**Prof. S. S. Harip**, HOD, Mechanical Engg  
**Prof. P. B. More**, HOD, Civil Engg  
**Prof. R. M. Adhav**, HOD Electronics Engg.  
**Prof. U. H. Chainpure**, HOD Computer Engg.  
**Prof. Ali**, HOD Electrical Engg.

### COORDINATORS

**Prof. D. B. Ghane** - Mechanical Engg. Group &  
- Production Engg. Group  
(Mob - 9850818485)  
**Prof. Mrs. S. N. Nisal** - Civil Engg. Group  
(Mob - 9975432582)  
**Prof. P. N. Badgujar** - Electronics Engg.Group  
(Mob - 9860429989)  
**Prof. Miss. R. C. Khairnar** - Instrumentation Group  
(Mob - 8087493728)  
**Prof. Mrs. S. B. Chavan** - Computer Engg.Group  
(Mob - 8180079812)  
**Prof. Mrs. M. V. Kale** - Electrical Engg.Group  
(Mob - 9423464300)

### SESSION COORDINATORS

**Prof. S. K. Shinde**  
- Mechanical & Production Engg. Group  
**Prof. Mrs. S. N. Nisal**  
- Civil Engg. Group  
**Prof. P. N. Badgujar**  
- Electronics & Instrumentation Engg.Group  
**Prof. N. V. Patil**  
- Computer Engg.Group  
**Prof. Mrs. M. V. Kale**  
- Electrical Engg. Group

## REGISTRATION FORM

**GOVERNMENT POLYTECHNIC, AHMEDNAGAR**  
**Organizes**  
**A STATE LEVEL**  
**TECHNICAL PAPER PRESENTATION COMPETITION**  
**YANTRANKUR-15**

*on*

**Tuesday, February 24, 2015**

Name of the participants:

1. \_\_\_\_\_  
2. \_\_\_\_\_

Title of the Paper: \_\_\_\_\_

Name of the  
Institute: \_\_\_\_\_

Institute MSBTE Code : \_\_\_\_\_  
Address: \_\_\_\_\_

Pin: \_\_\_\_\_

Email: \_\_\_\_\_

Tel. No/Mob: \_\_\_\_\_

Accommodation Required: Yes / No

### Declaration

I/We agree to abide by the rules and regulations of the competition.

Signatures of the Participants

### Recommendation by the Principal

Above application is Recommended and forwarded

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Seal of Institute:

Signature of Principal