

### **Govt. Polytechnic Pune**

Government Polytechnic Pune, established in the year 1957, is one of the lead polytechnics in Maharashtra. Main building of the institute is declared as heritage building. Campus is spread over 27 acres. This institute has been awarded academic autonomy since 1994. G.P. Pune offers 8 full time diploma courses and 6 Part time diploma course. Government of Maharashtra awarded 'Best Polytechnic Award' to this institute for the year 1998-99. The institute is also recipient of ISTE Narse-Monjee "Best Polytechnic-2007" award. It also offers one year "Advance Diploma in Automotive Mechatronics" in collaboration with Mercedes Benz India Ltd. Mechanical Dept. is running a course on Modeling and analysis of pressure vessel using ANSYS in collaboration with TUV India Ltd. Mechanical dept. has also signed MoU with YAMAHA motors India Ltd. and Motor Education and Training Association to start new courses in Automobile Engg. The institute is situated on Pune University road with Chatushrungi Hills in the background. It is 7 Km. away from Pune railway station, 20 Km away from Pune airport and 3 Km from Shivajinagar bus stand.

#### **Vision :**

To develop self reliant, versatile, innovative, quality conscious engineers for betterment of society.

#### **Mission :**

1. Update curricula in association with stakeholders.
2. Modernize infrastructure & facilities.
3. Set up strategic alliance with industries.
4. Enhance e-governance.
5. Continuous development of faculty & staff

#### **Patrons**

**Dr. Abhay Wagh,**

Director, MSBTE, Mumbai

**Dr. D. R. Nandanwar,**

Joint Director, RO, Pune and Principal G.P. Pune

**Dr. V. M. Mohitkar,**

Secretary, MSBTE, Mumbai

**Dr. M. R. Chitlange**

Dy. Secretary, RBTE Pune

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I/C HOD, Mech. Engg. G.P. Pune

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#### **Organizing Committee**

Mr. M. W. Giridhar      Mrs. M. S. Deshmukh

Mr. V. S. Sonawane      Mr. C. S. Ghadge

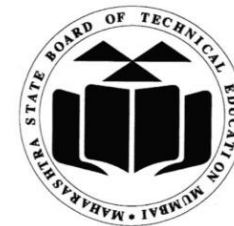
Mrs. D. S. Waghmare      Mrs. S. S. Panpatil

One week Faculty Development Training Program  
on

### **Advances in Engineering Materials and Testing Techniques**

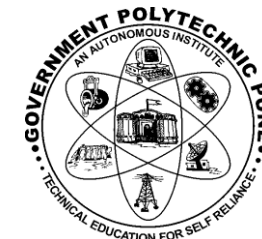
**(16<sup>th</sup> to 20<sup>th</sup> Jan. 2017)**

Sponsored by



**Maharashtra State Board of Technical  
Education, Mumbai**

Organized by



**Mechanical Engg. Department  
Government Polytechnic, Pune**

(An Autonomous Institute of Govt. of Maharashtra)

Pune University Road, Pune 411 016,

Maharashtra, India.

Phone. (020)-25559200

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## Advances in Engineering Materials and Testing Technique:

With the advances made in the field of material science, many new, high-quality and cost-efficient materials are now available to cater various needs of mankind. The next evolutionary step is being contemplated with the concept of smart materials, a highly interdisciplinary field. The proposed training programme aims to provide the understanding of characteristics of advanced materials and their applications and also the various methods of determination of material properties such as mechanical, electrical, thermal properties, microstructure, erosion and corrosion resistance and surface properties decided by the non destructive testing. Many of these testing methods will be also demonstrated through industrial visit.

### Course Objectives

- ▶ To bridge up the gap between teaching faculty and industry
- ▶ To share the latest trends in the field of engineering materials and testing techniques
- ▶ To enhance professional ideas and standards
- ▶ To expose the teaching fraternity to the forthcoming challenges regarding development of new materials and techniques for evaluation of material properties
- ▶ Update and motivate teachers through training and information

### Registration

- Fees for MSBTE affiliated Polytechnic institutes Rs. 500/- only
- Lodging and boarding facility will be provided by the institution as per MSBTE instructions
- T.A./D.A. will be paid as per MSBTE norms
- Registration form and fees should be sent by DD in favour of Principal, Govt. Polytechnic Pune (MS).
- Scanned copies of Registration form and DD should be mailed to
- [gadhikar@gmail.com](mailto:gadhikar@gmail.com)
- [vaishaleesanjay@gmail.com](mailto:vaishaleesanjay@gmail.com)
- First 30 participants will be registered. Full attendance during the course will be mandatory

### Important Dates

Last date of Registration: 5<sup>th</sup> Jan. 2017

Selection of Participants: 7<sup>th</sup> Jan. 2017

Intimation to Participants by Email: 9<sup>th</sup> Jan. 2017

### Resource Persons

The course lectures will be delivered by senior scientist from **C-MET** and **NCL Pune** and faculty members of **Pune University** and **Govt. Polytechnic Pune**.

### Course Material

Each of the participants will be provided with a set of lecture notes in the soft format.

### Target Groups

- ✓ Mechanical, Automobile & Production Engg.
- ✓ E & TC Engg
- ✓ Metallurgical Engg.
- ✓ Electrical Engg.
- ✓ Civil Engg.
- ✓ Physics and Chemistry.

### REGISTRATION FORM

One week Faculty Development Program on  
**“Advances In Engineering Materials And Testing Techniques”**  
(16<sup>th</sup> to 20<sup>th</sup> Jan. 2017)

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Mumbai**

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**Department of Mechanical Engineering  
Govt. Polytechnic, Pune**

(An Autonomous Institute of Govt. of Maharashtra)

Participant's Full Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Qualification: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Experience (Teaching/Industrial): \_\_\_\_\_

Contact No. \_\_\_\_\_

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

Accommodation required: YES  NO

Details of Reg. Fees:500 per/participant

DD No. \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Participant

The Application of Dr./Prof./Mr./Mrs. \_\_\_\_\_

is recommended and forwarded.

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

Signature of Head of Institution with seal