

## About Institute



Government Polytechnic, Nashik is one of the leading Polytechnic in the state of Maharashtra. It was established in the year 1980. Government of Maharashtra awarded Academic Autonomy to this Institute from the Academic Year 1995-96 and offering regular diploma programmes in ten various discipline of engineering. Government of Maharashtra awarded 'Best Polytechnic Award' to this institute for the year 2001. Institute also got ISTE Narsee Monjee "Best Polytechnic-2011" award. The Department of Mechanical Engineering was established in 1989. The department is running two shifts with intake of 60 each. The department is well equipped with all modern labs and qualified faculty to fulfill the requirement of the course.

## Location

Nashik city is situated at the foothills of the Western Ghats Mountains on the banks of the river Godavari in the northwest region of Maharashtra. Nashik is a mythological and historical places likes Brahmagiri Mountain, Trimbakeshwar, Panchavati etc. It is the fast growing city with huge industrialization in the area of automobile, Electrical Electronics and wine sectors. KumbhMela is held here once in 12 years. Nashik is vibrant and active on the industrial zone with four major MIDC namely, Sinnar, Satpur, Dindori and Ambad. Recently the city is declared as one of fastest growing city in the world and also in the list of smart city under the scheme of Government of India. Nashik is famous for grapes, onions, and tomatoes.

## Chief Patron

**Dr. Abhay Wagh**

Director, Directorate of Technical Education, Mumbai

**Dr. Subhash Mahajan**

Joint Director, Directorate of Technical Education, Mumbai

**Shri. Pramod Naik**

Joint Director, Directorate of Technical Education, Mumbai and Chairman Governing Body, Government Polytechnic Nashik

**Prof. Dnyandeo P. Nathe**

Joint Director, Technical Education, Regional Office Nashik & Principal, Govt. Polytechnic, Nashik

## Chief Coordinators

**Dr. Chandrakant Y. Seemikeri**

Head, Department of Mechanical Engineering (RS)

**Prof. Sanjay P. Muley**

Head, Department of Mechanical Engineering (SS)

## Coordinators

**Prof. Ravindra M. Nafade**

**Dr. Anil G. Patil**

**Dr. Shrikant J. Gorane**

## Organizing Committee

Prof. R. V. Rupavate

Prof. S. D. Sanap

Prof. S. V. Gaydhani

Prof. S. A. Kulkarni

Prof. P. S. Kulkarni

Prof. S. V. Medhe

Prof. P. N. Ghotkar

Prof. A. G. Waghulde

Prof. P. D. Shelke

Prof. A. S. Maske

Prof. D. A. Patil

Prof. M. S. Thakur

## Address for Correspondence

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Government Polytechnic Nashik

Department of Mechanical Engineering

Samangaon, Nashik Road, Nashik 4221013

## A State Level One Week Training Program On "Research Methodology and Optimization Techniques"

(RMOT-2018)

(30<sup>th</sup> Jan – 3<sup>rd</sup> Feb, 2018)

*Sponsored By*



Directorate of Technical Education,  
Maharashtra State  
Mumbai

*Organized by*



Department of Mechanical Engineering  
Government Polytechnic, Nashik

(An Academically Autonomous Institute of Govt. of Maharashtra)

Samangaon Road, Nashik Road,

Nashik – 422 101

0253-2461221, 2452912

[www.gpnasik.org.in](http://www.gpnasik.org.in)

### About Course

This course is designed to impart appropriate knowledge, skill and attitude on “Research Methodology and Optimization Techniques” in the context of qualitative and quantitative methods along with training in Statistical method/packages across the various fields of engineering sciences.

At the end of this course the participants are able to formulate research Problem, design and develop conceptual framework, conduct field work, collect data, process the data, analyze and interpret the results to draw valid conclusions using statistical methods and publish the research papers or file the patent.

### Course Contents

Research Methodology: An Overview

Literature Review – Formulating a research problem.

Quantitative /Qualitative method of data collection

Analysis of data – Interpretation using statistical methods / packages,

Research findings

Optimization techniques

Writing research paper/Technical writing/

Patent filing

Industrial exposure

### Resource Persons

Various experts from Academics and Industrial field.

### Registration

- The course is only open for AICTE and DTE approved polytechnics of Maharashtra state. Maximum 2 participants are allowed from one institute.
- Accommodation will be provided by the Institution in campus at trainee hostel only. Outside staying will not be reimbursed.
- Minimum 5 years of experience in teaching is must for application of this course. Higher education with experience is preferable and panel of experts will select the candidature for this course. The selected candidates will be reimbursed III Class AC to and fro railway fare via shortest route after production of tickets and office order from respective Institute.
- Initially completed scanned copies of registration form should be mailed to ***rnot2018@gmail.com*** and after selection only selected candidates have to send hard copies of registration form and security cheque/DD at correspondence address. Maximum 20 participants will be selected and full attendance during the course will be mandatory along with some outcome based assignments.
- There is no course registration fee, however selected candidate have to send a Cheque/ Demand Draft of Rs. 1000/- as a security deposit in favor of ‘Principal, Govt. Polytechnic Nashik’. After completion of the course the cheque will be returned to candidate.

### Important Dates

- Last date of Registration (by mail only): 15<sup>th</sup>JAN.2018
- Intimation to selected and non selected candidate (by mail only): 17<sup>th</sup>JAN. 2018
- Hard copies of registration form and security DD/Cheque submission to corresponding address: 23<sup>th</sup> JAN. 2018

### Target Groups

Regular faculty working in various disciplines.

### Course Material

Each of the participant will be provided with a set of presented lecture notes in soft form.

### Registration Form

#### Government Polytechnic, Nashik

Department of Mechanical Engineering  
(An Academically Autonomous Institute of Govt. of Maharashtra)

#### DTE Mumbai Sponsored

State Level One Week Faculty Development Training Programme on

### “Research Methodology and Optimization Techniques”

(*RMOT-2018*)

((30<sup>th</sup>Jan – 3<sup>rd</sup> Feb, 2018)

Participant’s Full Name: \_\_\_\_\_

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

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

Specialization: \_\_\_\_\_

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

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

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

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

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

Accommodation required: YES/NO

Details of Payment: Demand Draft/Cheque

(In favor of The Principal Government Polytechnic Nashik, Payable at Nashik)

Name of Bank: \_\_\_\_\_

DD/ Cheque No. \_\_\_\_\_ Date: \_\_\_\_\_

### Signature of Participant

Above Application is recommended and forwarded.

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

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

Seal of Institute

Signature of Principal

(Photocopy of this form can also be used)