



Govt. Polytechnic Nashik

Government Polytechnic Nashik was established in the year 1980. The Government of Maharashtra allotted 30 Acres of land for the majestic & sprawling Govt. Polytechnic campus. Initially diploma programme in Civil Engineering with 60 intake was introduced in 1980 & now the Institute conducts Ten regular diploma programmes in conventional and diversified areas with total intake of 780+30 (TFWS scheme). Government of Maharashtra awarded Academic Autonomy to this Institute from the Academic Year 1995-96. Government of Maharashtra awarded 'Best Polytechnic Award' to this institute for the year 2001. Institute also got ISTE Narsee Monjee "Best Polytechnic-2011" award.

Dept. of Mechanical Engineering was established in 1989. The dept. is running with intake of 120. **Also Dept. is accredited for 6 years by NBA.** The dept. is well equipped with all modern labs and the qualified staff to fulfill the requirement of the course.

Nashik

Nashik has a personality of its own due to its mythological, historical, social and cultural importance. Temples and ghats on the banks of Godavari have made Nashik one of the holiest place all over the world. Kumbh Mela is held here once in 12 years along with Ujjain, Allahabad and Haridwar. Recently the Kumbh Parva is being celebrated from August 2015 to August 2016. Nashik is vibrant and active on the industrial front with three major MIDC namely, Sinnar, Satpur 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. Today the city houses a large number of private and government educational institutions offering higher education in Medicine, Engineering & Technology, Architecture, Pharmacy, Military Management among others. The city has become the center of attraction because of its beautiful surroundings with cool and pleasant climate.

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Chief Coordinator

Dr. Chandrakant Seemikeri

Head, Department of Mechanical Engineering

Coordinator

Dr. Ketan Jagtap

Lecturer in Mechanical Engineering

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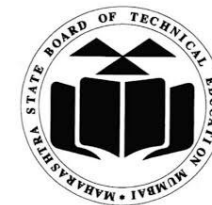
A State Level
One Week Faculty Development Programme On

Research Aspects in Manufacturing Science (RAMS-21)

Through Online Mode

(30th March, 2021 – 3rd April, 2021)

Approved by



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

Organized by



Department of Mechanical Engineering
(NBA Accreditation for 6 Years)

Government Polytechnic, Nashik
(An Academically Autonomous Institute of Govt. of Maharashtra)
Samangaon Road, Nashik Road, Nashik – 422 101.
Web: www.gpnashik.ac.in

About the Course

Manufacturing is and will remain as one of the principal means through which wealth is created. The emergence in manufacturing spurred by competition, will lead to exceptional innovative and new products. It is thus essential that the manufacturing industry be prepared to implement advanced manufacturing technologies. A critical step in preparing for the future will be the development of an underlying technical foundation through research by industry and academic institutions which must be guided by a clear vision of Manufacturing in the 21st century and an understanding of the fundamental challenges that must be met to realize this vision. The course introduces the recent developments and frontier areas of research in Manufacturing Science required to fulfill need of industries.

Objectives

- To bridge the research aspects in Manufacturing for polytechnic teachers.
- To share the latest trends and state-of-the art in the field of Manufacturing Engineering.
- To accept the forthcoming challenges regarding the development of manufacturing techniques for chronological developments.
- Update and motivate teachers through E-training and information about the manufacturing during pandemic situation.

Resource Persons

1. **Dr. Chandrakant Seemikeri**
(HoD, Mechanical Engg., G. P. Nashik)
2. **Dr. Shrikant Gorane**
(Lect. in Mechanical, SMDR G. P. Dhule)
3. **Dr. Ketan Jagtap**
(Lect. in Mechanical, G. P. Nashik)
4. **Dr. Ganesh Kadam**
(Asst. Prof., SIES Graduate School of Technology, Mumbai)
5. **Dr. Jayant Joshi**
(Lect. in Electronics, G. P. Nashik)

Registration rules

- **There is NO course registration fee.**
- The course is only open for MSBTE approved polytechnics from Maharashtra state.
- The FDP is conducted through online mode.
- Attending all the sessions and submitting all the feedback forms (Google Form) by the participants is mandatory.
- After qualifying the final test with minimum 60% score with 80% attendance throughout the FDP then faculty will get the E-Certificate of the FDP on their registered E-mail id.
- At the end of/during the session, attendance cum feedback link will be posted in a message box of Google Meet.
- After confirmation of registration, link of whatsapp group will be mailed to respective participant's registered mail id for further communication from the organizing team.
- Session links will be posted in respective whatsapp group of FDP.
- Participant limit for this FDP is 60 only.
- Please follow the instructions and cooperate for smooth conduction of the program. For further queries, please contact the coordinator.
- All the rights of this FDP are held with Organizers.

Online Registration Link

<https://forms.gle/ewEomqQ8d5VBFjpV8>

Important Dates

- Last date of Online Registration: 23rd March, 2021
- Intimation to selected candidate (by their registered mail only): 25th March, 2021

Target Groups

Teaching faculties from Diploma Institutions in the stream of

- Mechanical Engineering
- Production Engineering
- Automobile Engineering.
- Metallurgy Engineering

Course Material

Each of the participants will be provided with a set of presented lecture notes on their registered mail id after completion of FDP.

Schedule

Sr. No.	Days	Name of the Speaker	Topic
1	30 th March, 2021	Dr. Chandrakant Seemikeri	Recent Trends in Friction Stir Welding (FSW)
2	31 st March, 2021	Dr. Shrikant Gorane	Recent Practices in World Class Manufacturing
3	1 st April, 2021	Dr. Ketan Jagtap	Material Deformation in Machining of Biomaterials
4	2 nd April, 2021	Dr. Ganesh Kadam	Research Aspects in Machining of Difficult-to-cut Materials
5	3 rd April, 2021	Dr. Jayant Joshi	Role of Sensors in Automation

*The changes will be applicable in above schedule based on urgency if any.



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For any queries please feel free to mail us on:
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