

TEQIP-III Sponsored online
Faculty Development Programme (FDP)
on

**Vibration Analysis
&
Condition Monitoring for Rotating
Machines
(VACMRM-2020)**
05th – 09th October 2020



Coordinators

Dr. Rabinarayan Sethi , (Assistant Professor)

Mr. Ritesh Kumar Patel, (Assistant Professor)



Organized by

Department of Mechanical Engineering
Indira Gandhi Institute of Technology Sarang,
(AN AUTONOMOUS INSTITUTE OF GOVT. OF ODISHA)
Dhenkanal, Odisha, 759146, India.

Registration

Registration Fee: There is no registration fee for the programme.

Eligibility: The programme is open to all members of AICTE/UGC affiliated Institutes/Universities i.e. Faculty Members, Research Scholars.

Selection and Certification Criteria:

The maximum number of participants is limited to 250 on first come first registered basis and the confirmed candidate will be notified latest by 3rd October 2020. The certificates shall be issued to all the active participants.

How to Apply:

The participants have to submit duly filled registration form which is also available on the link on or before 3rd October 2020.

Registration Link:

<https://forms.gle/z7Dv93MCX5Km45it8>

Mode of Delivering Lecture:

The FDP will be conducted through online-platform using Cisco WebEx software/ Google Meet/ YouTube live stream.

Patron-in-Chief

Dr. Satyabrata Mohanta, Director, IGIT, Sarang

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Dr. B. D. Sahoo, Prof. & Head, ME, IGIT, Sarang

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Dr. Anand Gupta, AP, ME, IGIT Sarang

Mr. Soumya R. Pradhan, AP, ME, IGIT, Sarang

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About the Institution

Indira Gandhi Institute of Technology (IGIT), Sarang was established in 1982. IGIT Sarang offers Ph.D, PG, UG and Diploma programs in Engineering and Science. All the programmes were accredited in the year 2016 by the National Board of Accreditation of AICTE. Each department conducts annually at least one Conference / Workshop for effective dissemination of state-of-art Technologies and research findings for the benefit of teaching faculty and industries. The institute is extremely proud of its alumni, a considerable number of them being entrepreneurs or senior executives in industries both within India and abroad.

Department of Mechanical Engineering

The Department of Mechanical Engineering has all the infrastructural facilities required for imparting high quality education and is planned to meet the present day needs of the society. The department is well equipped with excellent laboratories provided with state-of-art equipment and experimental facilities. It has also highly qualified and experienced faculty members.

About Faculty Development Programme (FDP)

TEQIP-III sponsored one week online FDP for on “Vibration Analysis & Condition Monitoring for Rotating Machines (VACMRM-2020)” to be hosted by the Department of Mechanical Engineering, IGIT Sarang is intended to builds on a fundamental theory of vibrations to explore the unique features of Rotating Machines. It is suited for the faculties and research scholars , who wish to understand the complexities of Dynamics of Rotating Machines that is different in many aspects from the general structural vibration. Fundamental understanding of the Rotating Machines dynamics can help better comprehend robust approach to condition monitoring and fault diagnosis of machinery.

Resource Persons

Faculty members/ Scientist from Premier Institution (IITs/NITs) will focus on Mechanical Vibration, Condition Monitoring and Artificial techniques.

Objective of Workshop

- Fundamental understanding of vibrations of Rotating Machines.
- Analyses the vibration features associated with typical Rotating Machines faults.
- Understand the role played by Rotating Machines on the vibration response.
- Understand the reasons and sources of instability in Rotating Machines.

Contact for further information:

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Chief Speakers



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ASSISTANT PROFESSOR
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