

RESOURCE PERSONS

The lectures in the Faculty Development Programme will be delivered by some of the eminent faculty members of Mechanical Engineering having fairly established research experience from the premier educational institutions and Industry.

ELIGIBILITY

The programme caters to the needs of the faculty members, together with the PG and Ph D Scholars, of the Departments of Mechanical Engineering and Aeronautical Engineering, in general, and those who wish to pursue their research in areas related to vibrations, in particular.

REGISTRATION FEE

There is no participation fee for attending the programme.

PARTICIPATION CERTIFICATE

The participants will be provided with the participation certificates provided he/she attends the programme in full, abides by the general stipulations of the programme and clear the test conducted at the closure of the programme.

IMPORTANT DATES

- Last date for receiving the applications [on line]: 15th September 2021.
- Last date for communication of acceptance: 18th September 2021.

ORGANISING COMMITTEE

CHIEF PATRONS

Sri. P. Ramamohan Rao
President, Vasavi Academy of Education

Sri. M. Krishna Murthy
Secretary, Vasavi Academy of Education

PATRON

Sri. P. Balaji
CEO, Vasavi College of Engineering

CHAIRMAN

Dr. S.V. Ramana
Principal

CO-CHAIRMAN

Dr. T. Ramamohan Rao
Professor & HOD

PROGRAMME COORDINATORS

Mr.V.B.S.Rajendra Prasad, Associate Professor
Dr. J.Anjaneyulu, Sr.Asst.Professor

Mailing Address

Co-Ordinator, VACCM-2021,
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Vasavi College of Engineering
Ibrahimbagh, Hyderabad-500031

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Online Faculty Development Programme on “VIBRATION AND CONDITION MONITORING” [VACM - 2021]

20th – 24th September 2021
Time:11.00 AM-12.30 PM



Coordinators

Mr.V.B.S.Rajendra Prasad, Assoc. Professor
Dr. J.Anjaneyulu, Sr.Asst.Professor

Department of Mechanical Engineering
VASAVI COLLEGE OF ENGINEERING
(Autonomous)

(Accredited by NAAC with 'A++' Grade)
Sponsored by Vasavi Academy of Education

Affiliated to Osmania University
and

Approved by AICTE
9-5-81, Ibrahimbagh
Hyderabad-500031(T.S), India
www.vce.ac.in

OBJECTIVE

The FDP is aimed to enhance the knowledge of the participants with the latest developments and additional expertise from the eminent resource comprising of Industry and the Research Institutions. The way machinery respond to vibration may indicate when and where maintenance is needed. Wear on parts can cause vibrations that can be analyzed to determine developing flaws in components. Condition based monitoring dictates that maintenance should only be performed when certain thresholds are reached or indicators show signs of decreasing performance or upcoming failure. The present Faculty Development Programme is intended to inculcate the research aspects in the area of Vibrations in Mechanical Engineering. By the end of this Programme, the participants will enhance their knowledge in the field of Vibrations and condition monitoring and also will be acquiring inputs in realizing their research goals.

ABOUT THE INSTITUTION

Established in 1981 by Vasavi Academy of Education, under the stewardship of Late Sri Pendekanti Venkata Subbaiah, a veteran statesman of independent India, and by a few eminent people from different walks of life, Vasavi College of Engineering represents a rich tradition of excellence in technology-based education in a stimulating environment. The college is situated at Ibrahimbagh, Hyderabad, which is 9 km from Mehdiapatnam, enroute to Gandipet.

In its more than three decades of existence, it has now grown with excellent and well-developed infrastructural facilities, offering six Undergraduate programmes, viz., B.E. in Civil, Mechanical, EEE, ECE, CSE and Information Technology, and also five Postgraduate Programmes in CSE, ECE, EEE and Mechanical Engineering. The institution is conferred autonomous status by UGC in the year 2014 and is accredited by NAAC with 'A++' grade.

ABOUT THE DEPARTMENT

The Mechanical Engineering Department is one of the oldest departments of Vasavi College of Engineering and has NBA Accreditation. It has excellent infrastructure facilities and resources in the form of well-equipped laboratories and 26 experienced faculty members, which includes 6 Professors and 6 Associate Professors. The Department also offers PG Programme with specialization in Advanced Design and Manufacturing and is a recognized Research Center under Osmania University.

VISION OF THE DEPARTMENT

To establish global leadership in the field of Mechanical Engineering and develop competent human resources with values and ethics.

MISSION OF THE DEPARTMENT

To nurture an environment of research, innovation and knowledge through the latest teaching-learning practices in Mechanical Engineering.

COURSE CONTENTS OF VACM 2021:

It is proposed to give initial inputs to the participants in different areas concerning Mechanical Engineering paving way for their possible future research endeavors and expose to the . The contents are broadly listed as under:

1. Fundamentals of Vibrations and Acoustics
2. Data acquisition and Signal Processing
3. Condition Monitoring-MATLAB implementation
4. Condition Monitoring-Rotor Dynamics Applications
5. Condition Monitoring-Defense Applications

COURSE DELIVERY PLATFORM

Microsoft Teams

RESOURCE PERSONS

Dr. B. Venkatesham
Assoc.Professor, MED
IIT-Hyderabad.

Dr. Anand Parey
Professor, MED
IIT-Indore

Dr. Abhijit Sarkar
Associate Professor,
IIT-Madras,

Dr. Mayank Tiwari,
Associate Professor,
IIT-Patna.

Dr. Vera Bhadra Reddy
Scientist-F, RCI, Hyderabad.

How to apply

Participants are required to fill the online registration form by clicking on the following link.

https://docs.google.com/forms/d/1VV1LaO4Ff8cELk3EoOS79ef1SZXBml6EifV09a_PvQ0/edit