

## 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 three decades of existence, it has now grown with excellent and well-developed infrastructural facilities, offering 6 undergraduate programs, 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.

## ABOUT THE DEPARTMENT

The Mechanical Engineering Department is one of the oldest well performing Departments of Vasavi College of Engineering. It has excellent infrastructure facilities in the form of laboratories and equipment. The department has 26 experienced faculty members which includes 5 Professors and 6 Associate Professors. The Department also offers PG Programme with specialization in Advanced Design and Manufacturing. The department is a recognized research center under Osmania University.

## Vision of the Department

To nurture and 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.

## Who Can Participate?

This Programme is open to Faculty, Industry Professionals, research scholars and graduates in Mechanical engineering and allied fields of engineering

## How to Apply

Participants should apply by submitting the details through the Google form before 9<sup>th</sup> August 2020 (5:00 PM).

## No Registration Fee

Online Registration form

<https://forms.gle/NZ5oNL7FTM9eWcM18>

## Confirmation of Participation

On receipt of the registration form, participants will be sent confirmation of their participation through E-mail by 9<sup>th</sup> August 2020. The details regarding schedule and link for online platform will be shared only to registered participants through mail. The number of participants for this program is limited. E-Certificate will be provided to those who have attendance above 80%, filled the daily feedback form.

**One week  
Faculty Development Programme**

**on  
Innovative Product Design, Precision  
Engineering and Optimization**

**10 - 14, August 2020**

**Time : 4.00PM to 6.00PM**



**DEPARTMENT OF MECHANICAL  
ENGINEERING**

**VASAVI COLLEGE OF ENGINEERING**

**(Autonomous)**

Sponsored by Vasavi Academy of Education(VAE)  
Affiliated to Osmania University and Approved by AICTE  
9-5-81, Ibrahimbagh, Hyderabad-500031(T.S), INDIA

**www.vce.ac.in**

## THEME

This FDP is targeted to train the faculty and research Scholars of Mechanical Engineering and its allied fields like Production Engineering, Industrial Engineering, Automobile Engineering and Metallurgical Engineering to inculcate research. The main aim of this programme is to enhance the exposure to latest cutting-edge technologies and current research potential capability in this field. Product design is an essential component for system design from industry perspective. Precision Engineering is at most important for assembly of various components to get desired product and to meet its functional requirements. Optimization is part and parcel of any Engineering but it is highly essential for Mechanical Engineering faculty to train the students for industry readiness. This FDP will create many avenues for young researchers who are aspiring to carry out their research and enrich the knowledge of the faculty.

### Objectives of the Program:

- The aim of this program is to train the participants about various latest technologies used in Product design and Precision Engineering.
- To expose all the participants to verity of optimization techniques

## ORGANISING COMMITTEE

### Chief Patrons

Sri P. Ramamohan Rao, President, VAE  
Sri M. Krishna Murthy, Secretary, VAE

### Patron

Sri P. Balaji, CEO, VAE

### Chairman

Dr. S.V.Ramana, Principal

### Co-Chairman

Dr. T. Ramamohan Rao, Professor & HOD

### Coordinators

Dr. P.V.Gopal Krishna, Associate Professor  
Dr. P.Venkateswara Rao, Associate Professor

### Executive Members

Dr. K. Kishore, Professor  
Dr. A. Srinivas, Professor  
Dr. C.Gururaja Rao, Professor  
Sri. K. Srinivasa Rao, Assoc. Professor  
Dr. S. Venkataiah, Assoc. Professor

### Technical Team

Sri. K. Veladri, Assoc. Professor  
Sri. V.B .S .Rajendra Prasad, Assoc. Professor  
Sri. B. Radha Krishna, Asst. Professor  
Dr. J. Anjaneyulu, Asst. Professor  
Sri. S. Srikrishna, Asst. Professor  
Dr. P.V.S. Subhashini, Asst. Professor  
Sri. M. Sudhakar, Asst. Professor  
Sri. K.I .Spurgeon, Asst. Professor  
Sri. D. Govinda Rao, Asst. Professor  
Sri. B. Naga Manohar, Asst. Professor  
Sri. N.B SambaMurthy, Asst. Professor  
Sri B.Sandeep, Asst. Professor  
Sri S.Venkateswarlu, Asst. Professor  
Sri. Md.Luqman, Asst. Professor  
Sri. T. Krishna Chaitanya, Asst. Professor  
Sri. M.VenuGopal Reddy, Asst. Professor  
Smt. S.Kirtana, Asst. Professor

## Resource Persons

Dr. M. Ravi Sankar,  
Associate Professor, IIT Tiupathi  
Dr. N. Venkaiah,  
Associate Professor, IIT Tirupathi  
Dr. Prasad S Onkar,  
Assistant Professor, IIT Hyd  
Dr. R.Sridharan,  
Professor, NIT Calicut  
Dr. Venkatesh Gudipadu,  
Assistant Professor, NIT Warangal

### Topics

- Innovative Product designs suitable for market requirement
- Magnetic field assisted nano finishing
- Optimization Techniques for Manufacturing Processes
- Optimization of Ultrasonic Assisted Flow Finishing Process using fuzzy logic, response surface methodology and Jaya algorithm.
- Research Problem Identification and Formulation

### Mailing Address

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