

ADVISORY COMMITTEE

Dr. T.Sudhakar Rao, HoD, Mathematics, VCE

Prof. P.Hemagiri Rao, Mathematics, VCE

ORGANIZING COMMITTEE

Chief Patron : Sri P.Ram Mohan Rao
President, VAE

Patron : Sri M.Krishna Murthy
Secretary, VAE.

Chariman : Dr. S.V.Ramana
Principal,VCE

Co-ordinator : Mr.M.Venkateshwar Rao,
Assistant Professor.,
Mathematics, VCE

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Members : 1. Dr. T.Sudhakar Rao,
HoD, Mathematics, VCE

2. Prof. P.Hemagiri Rao,
Mathematics, VCE

3. Dr.N.Vasudha,
Associate Professor,
Mathematics, VCE

4 . R.Hari Kishore
Assistant Professor,
Mathematics, VCE

5. Ms.Ch.Naga Anuradha,
Assistant Professor.,
Mathematics, VCE

6. Mr.Y.Bhanu Prakash
Assistant Professor.,
Mathematics, VCE

ONE DAY WORKSHOP on ENGINEERING MATHEMATICS & ITS APPLICATIONS

27th March, 2021

Organized by
DEPARTMENT OF MATHEMATICS
VASAVI COLLEGE OF ENGINEERING
(Autonomous)
(Accredited by NAAC with A++ Grade)

REGISTRATION FORM

1. Name: _____

2. Designation: _____

3. Category of Participation: _____

a) Faculty Member b) Research Scholar c) Industry

4. Organization: _____

5. Address for Communication : _____

6. E-mail Id: _____

7. Telephone /Mobile No: _____

Date:

Signature

Last date for Registration: 25. 03. 2021

(No Registration Fee)

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(SPONSORED BY VASAVI ACADEMY OF EDUCATION)
Affiliated to Osmania University & Approved by AICTE
9-5-81, Ibrahimbagh, Hyderabad-500031 (T.S), INDIA
www.vce.ac.in

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 9KM from Mehdiapatnam, enroute to Gandipet.

In its four decades of existence, it has grown with excellent and well-developed infrastructural facilities, offering 7 Under graduate programmes, viz., B.E. in Civil, Mechanical, ECE, EEE, CSE, CSE(AI & ML) and Information Technology, in addition to five Postgraduate Programmes in EEE, ECE, CSE and Mechanical Engineering. It is recognized by AICTE and affiliated to Osmania University. The institution is recognized under 2(f) and 12(B) by the UGC. All the seven undergraduate programs have been accredited by NBA. The college has been accredited by NAAC with A++ Grade. The college is conferred with Autonomous status by UGC from the year 2014-15.

The Mission of the college is "To arm young brains with competitive technology and nurture holistic development of the individuals for a better tomorrow".

ABOUT OUR DEPARTMENT

The department has seven well qualified and experienced faculty members with three doctorates. The mission of the department is, "To impart to students an in-depth knowledge of Mathematics and its applications in various fields of engineering so as to enable them to meet the challenges of the world with courage, confidence, conviction and competence".

VENUE OF THE WORKSHOP :

Seminar Hall, Visvesvaraya Block,
Vasavi College of Engineering, Hyderabad.

IMPORTANT DATES

Registration : **Till 25th March, 2021**

Workshop : **27th March, 2021**

TITLE OF THE WORKSHOP : **ENGINEERING MATHEMATICS & ITS APPLICATIONS**

RESOURCE PERSON :

Prof. M. A. Srinivas, HoD,
Dept. of Mathematics, JNTUH

TOPICS OF THE WORKSHOP INCLUDE APPLICATIONS OF :

1. Differential Calculus
2. Vector Calculus
3. Differential Equations
4. Transform Techniques
5. Linear Algebra
6. Probability & Statistics

OBJECTIVES OF THE WORKSHOP:

Studying Mathematics will be fruitful when we understand the concept and its real time applications. The challenge of an Engineering Mathematics teacher is to make the student comfortable in understanding the Mathematical concepts without using many rigorous Mathematical theories. At the same time, the pedagogy should be in such a way that the student can apply the Mathematical concepts to the problems generally which they come across during their Engineering subjects. Mathematics teachers are appropriate for the job of explaining the mathematical concepts in application orientation.

This workshop (FDP) on the pedagogy of Engineering Mathematics focuses on

- ✓ Better way of introducing a topic to the students.
- ✓ While introducing a topic, the possible questions generally arise in the minds of the students and how to incorporate the answers to those questions in the lectures.
- ✓ How to make the student visualize the concepts of Engineering Mathematics
- ✓ Application of Mathematical concepts to the problems of Engineering.
- ✓ The workshop will be mostly through interactions/discussions with participants.