

RESOURCE PERSONS

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

ELIGIBILITY

The programme caters to the needs of the faculty members and Ph.D. Scholars of the Departments of Mechanical Engineering and Robotic Engineering, in general, and those who wish to pursue their research in areas related to sensors, actuators, kinematics of industrial manipulators, under water robotics, rehabilitation robotics etc.

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 end of the programme.

IMPORTANT DATES

- Last date for receiving the applications [on line]: 30th November 2021.
- Last date for communication of acceptance: 3rd December 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. K Veladri, Associate Professor
Dr. PVS Subhashini, Asst. Professor

Mailing Address

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Online Faculty Development Programme on “RECENT TRENDS IN ROBOTICS” [RTR - 2021]

06th – 10th December 2021



Coordinators

Mr. K. Veladri, Assoc. Professor
Dr. PVS Subhashini, 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

As forthcoming generations need multidisciplinary frame of mind and experience, in order to meet the future expectations, this FDP is focused to consider the prospective areas and the important fields of Automation and Robotics.

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 RTR 2021:

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

- Rehabilitation Robotics and the Teaching Methods for Robotics & Controls.
- Kinematics of industrial manipulators
- Underwater Robotics
- Biped Robotics
- Rural2Robotics: Innovation Teaching and Research approaches
- Sensors and actuators
- Control systems and Robotics: New opportunities

COURSE DELIVERY PLATFORM

Microsoft Teams

RESOURCE PERSONS

- Dr. SK Saha, Professor, MED, IIT-Delhi
- Dr. Vivek Sangwan, Professor, MED, IIT-Bombay
- Dr. V. Pandu Ranga, Associate Professor, MED, IIT Bhubaneswar
- Dr. Thiyagarajan R, Assistant Professor, MED, IIT Tirupati
- Dr. P Chandrashekar, Director, 7S Technologies, Hyderabad
- Dr.KR Guruprasad, Associate Professor, MED, NIT Surathkal

How to apply

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

https://docs.google.com/forms/d/e/1FAIpQLSfe8-szFbsGaYyigELHTU5hn8GdZ-2hzbECxUZfhVrbpT_1Hg/viewform?usp=sf_link