

## **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 is designed to cater to the needs of faculty members and Ph.D. scholars from all branches of engineering. It is particularly beneficial for those intending to pursue research in areas such as sensors and actuators, kinematics of industrial manipulators, underwater robotics, rehabilitation robotics, UAVs (Unmanned Aerial Vehicles), and related domains.”

## **REGISTRATION FEE**

There is no participation fee for attending the programme.

## **PARTICIPATION CERTIFICATE**

Participants will be awarded a certificate of participation, provided they attend the programme in full and comply with the general stipulations of the programme.

## **IMPORTANT DATES**

- Last date for receiving the applications [on line]: 30<sup>th</sup> May 2026.
- Last date for communication of acceptance: 3<sup>rd</sup> June 2026.

## **ORGANISING COMMITTEE**

### **CHIEF PATRONS**

**Sri. P. Ramamohan Rao**  
President, Vasavi Academy of Education  
**Sri V.M. Parthasarathi**  
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**

**Dr. J. Anjaneyulu**, Asst. Professor (Sr.)  
**Dr. PVS Subhashini**, Asst. Professor

### **Mailing Address**

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Ibrahimbagh, Hyderabad-500031

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## **“ Online FDP on Robotics and UAVs: Concepts, Design, and Applications”**

**(RUAV-2026)**  
**08<sup>th</sup> – 12<sup>th</sup> June 2026**



### **Coordinators**

**Dr. J. Anjaneyulu**, Asst. Professor (Sr.)  
**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](http://www.vce.ac.in)**

## OBJECTIVE

The primary objective of this Faculty Development Program is to equip educators with the knowledge, skills, and practical exposure required to effectively integrate robotics and UAVs into academic curricula. Participants will gain expertise across a wide range of domains, including Arduino-based systems, underwater robotics, sensors and actuators, entertainment robotics, under actuated systems, and Unmanned Aerial Vehicles (UAVs). By the end of the program, attendees are expected to be proficient in designing, developing, and teaching robotics and UAV concepts, thereby fostering innovation and enhancing the overall learning experience for students

## 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, along with a few eminent personalities from diverse fields, Vasavi College of Engineering embodies a rich tradition of excellence in technology-based education within a stimulating environment. The college is situated at Ibrahimbagh, Hyderabad, approximately 9 km from Mehdiapatnam, en route to Gandipet.

Over more than four decades of its existence, the institution has grown significantly, with excellent and well-developed infrastructural facilities. It offers six undergraduate programmes, namely B.E. in Civil, Mechanical, Electrical and Electronics Engineering (EEE), Electronics and Communication Engineering (ECE), Computer Science and Engineering (CSE), and Information Technology. In addition, it offers five postgraduate programmes in CSE, ECE, EEE, and Mechanical Engineering. The institution was conferred autonomous status by UGC in 2014 and is accredited by NAAC with an 'A++' grade.

## ABOUT THE DEPARTMENT

The Mechanical Engineering Department is one of the oldest departments of Vasavi College of Engineering and is accredited by NBA. It boasts excellent infrastructure and resources, including well-equipped laboratories and a team of 19 experienced faculty members, comprising 5 Professors and 5 Associate Professors, of whom 12 hold doctoral degrees. The department also offers a postgraduate programme with a 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 RUAV 2026:

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:

- Underactuated robots
- Biped robotics: Gait generation
- Underwater Robotics
- Construction robots
- Sensors and actuators
- Drone Concepts, Design & applications

## RESOURCE PERSONS

- Dr. Thiyagarajan R, Assistant Professor, MED, IIT Tirupati
- Dr. Prashanth Kumar, Professor, MED, IIT Hyderabad
- Dr. P. Murali Krishna, Sc G, CAIR
- Dr. Janardhan, Professor, MED, Mahindra University
- Mr. Ravichandra Achanta, CEO/Co-Founder, RAGHUVAMSHI PAR EAST AUTOMATION PVT.LTD.

## How to apply

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

<https://forms.gle/V4Emmvtsw27xhvXr6>