



**ATAL FACULTY DEVELOPMENT PROGRAM  
ON  
ADVANCES IN MANUFACTURING AND INDUSTRY 4.0 SCENARIO**

**27<sup>th</sup> January to 1<sup>st</sup> February 2025**

**REGISTRATION FORM**

Name : \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Organization: \_\_\_\_\_

Address for Correspondence: \_\_\_\_\_

\_\_\_\_\_

Contact No: \_\_\_\_\_

Email: \_\_\_\_\_

Reg. Category: Research Scholar/PG students / Faculty / Industry

Accommodation Required: (Yes /No) \_\_\_\_\_

**Declaration**

The information furnished above is true to best of my knowledge. I agree to abide by the rules and regulations governing the FDP

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Sponsorship**

Mr/Ms/Dr \_\_\_\_\_ is an employee of our Institution and is thereby sponsored for attending the FDP

Sponsoring Authority with Seal

**Chief Patron:**  
Capt.V.LAXMIKANTHA RAO,Chairman, KITS(S), KES  
Ex.M.P(RajyaSabha)

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Sri V.INDRANEEL, Executive Director &Treasurer,  
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Dr.K.ESWARAIAH,Principal

**Convener:**  
Dr.M.V.Satish Kumar  
Professor & Head, Dept of  
M.E.

**Coordinator:**  
Dr.G.MALLAIAH, Professor  
Dept.of ME

**Co-Coordinator:**  
Dr.S.RAJENDRA PRASAD ,Assoc.Prof, Dept.of ME

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Coordinator:  
Dr.G.MALLAIAH, Professor  
Dept.of ME

Co-Coordinator:  
Dr. S. RAJENDRA PRASAD, Assoc. Prof, ME Dept.



Organized by  
Department of Mechanical Engineering



Kamala Institute of Technology & Science  
(UGC Autonomous) Approved by AICTE and Affiliated to  
JNTU, Hyderabad, Accredited by NBA (EEE, ECE, CSE) and  
NAAC with A++ Grade. Singapur , Huzurabad  
Dist-Karimnagar- T.S - 505468  
Ph: 08727-252744, 9177670003  
Website: [www.kitssingapuram.ac.in](http://www.kitssingapuram.ac.in)

### **About the College:**

Kamala Institute of Technology & Science, Singapur, Huzurabad was established in 1997 with the approval of AICTE, New Delhi and is affiliated to JNT University, Hyderabad. The Institute is **UGC Autonomous**, accredited by NAAC with A++ Grade. The Institute is sponsored by Kamala Education Society, Warangal. The members of the society have established sister technical institutes-Kakatiya Institute of Technology & Science, Warangal(1980)and Kavikulguru Institute of Technology & Science, Ramtek, Maharastra(1985). This institute offers Under Graduate Programs in Civil, ME, EEE, ECE,CSE, CSE (DS), IT and AI&ML branches with a total intake of 720 students. The institute has well established labs in all branches, centralized library and also provides the facilities like staff quarters, indoor games complex, and hostel for boys and girls and entire campus is Wi-Fi connected. **The institute has NCC & NSS wings and also accredited by TCS for campus placements.** The college is located at Singapur village, Huzurabad Mandal on the State Highway about 35km from Warangal or from Karimnagar. The nearest railway stations are Kazipet and Warangal.

### **About the ME Department:**

The Department of Mechanical Engineering was established in the year 2003. The department has a committed team of qualified & experienced faculty members and a strong team of skilled technical supporting staff. The department has well equipped labsand department library. The faculty members are encouraged towards R&D for their academic excellence. The staff members are keen in publishing papers in National / International Journals and Conferences. The department has a strong Industry–Institute linkage. The department has a student association under the banner of KAMS, which strives for the all round development of students by organizing guest lectures by eminent persons, alumni lectures, industry visits, industry training and other co-curricular & extracurricular activities. Alumni of the department are pursuing higher education in premier institutes in India and abroad. Our students are well placed in prestigious organizations in both core sector and software like HMT, MIDHANI, JINDAL, M&M, DELL, Infosys, Wipro, and TCS.

### **AICTE–Teaching and Learning(ATAL)Academy**

The AICTE Training and Learning Academy (ATAL) is a significant initiative established by the All-India Council for Technical Education (AICTE), a regulatory body responsible for overseeing technical education in India. The primary objective of ATAL is to elevate the standards of technical education by equipping faculty members, researchers, and staff from technical institutions with contemporary knowledge, skills, and teaching methodologies.

ATAL achieves this by organizing and facilitating Faculty Development Programs (FDPs), Workshops, Seminars and Training Sessions on various range of subjects. These programs are tailored to address emerging areas of technology, innovation, research and pedagogy, ensuring that educators remain updated with the latest advancements in their fields.

Through ATAL, educators have the opportunity to engage with experts, industry professionals, and fellow colleagues from various Institutions. By actively participating in ATAL programs, faculty members gain exposure to cutting-edge technologies, research methodologies, and teaching techniques. This exposure translates into an enhanced ability to deliver high-quality education to students, thereby contributing to the overall improvement of technical education in India.

The initiatives taken by ATAL have far-reaching impacts. They not only enable educators to upgrade their skills but also inspire them to integrate innovative teaching methodologies into their classrooms. As a result, students receive education that is aligned with the latest industry trends and global technological advancements.

#### **Participation**

The participation is open to faculty of all engineering disciplines, Research Scholars from R & D Institutes, Engineers from the Industry, P.G students.

**\*No Registration Fee**

#### **Accommodation**

Free accommodation to the outstation participants would be provided on prior intimation.

### **About the Faculty Development Program**

The FDP on "Advances in Manufacturing and Industry 4.0 Scenario" is designed to provide participants with an in-depth knowledge of latest advances in Manufacturing and Industry 4.0 concepts and its applications in manufacturing..Through a comprehensive curriculum, participants will learn advances in manufacturing processes and empower them to integrate Industry 4.0 principles into curriculum design and teaching methodologies. The program integrates theoretical knowledge with practical applications, offering hands-on experience of advanced manufacturing processes especially like fabrication of natural composites CAD/CAM packages, data visualization tools etc..By the end of the program, participants will emerge with advanced skills and expertise poised to drive impactful outcomes in their respective fields.

Register using following URL:

<https://atalacademy.aicte-india.org/signup>

#### **Organizing Committee**

Dr. A Komuraiah, Assoc.Prof.  
Dr. A Johnson, Sr. Asst.Prof.  
Mr. K. Shankaraiah, Asst.Prof.  
Mr. R. VenuMadhav, Asst.Prof.  
Mr. M. Venkatesh, Asst.Prof.  
Mr. E. Sreedhar, Asst.Prof.  
Mr. S.Vamshikrishna, Asst.Prof.  
Mr. N.Ramakrishna, Asst.Prof.  
Mr. K.Amarnath, Asst.Prof.  
Mr. P.Surendranath, Asst.Prof.  
Mr. Md.Zafar Anwar, Asst.Prof.  
Mr. K.Vikram Kumar, Asst.Prof.  
Mr. V.Kumar, Asst.Prof.  
Mr. M.Gangadhari, Asst.Prof.