About the Institute

The institution is spread over a sprawling campus with calm surroundings, creating a fitting atmosphere for study. The Institute provides a clean and invigorating environment conducive for higher education.

Adhiyamaan College of Engineering is one of the educational institutions developed by Adhiyamaan Educational & Research Institution - a trust, which was started in the year 1987- 1988 to cater the needs of the nation in the development of technocrats and to provide facilities for educating and training men and women to meet the entrepreneurial and management needs. The management has created adequate infrastructural facilities and sufficient funds and is keen on developing the institution for higher education.

It is the first Engineering College to be started in the most backward erstwhile Dharmapuri District of the State of Tamilnadu to develop the people academically, socially and economically. It was originally affiliated to University of Madras. When the Periyar University was carved out from the University of Madras; it was affiliated to it. Since the government of Tamilnadu decided to bring all the Engineering and Technical Institutions in the State under one Technological University in the year 2001, Adhiyamaan College of Engineering was affiliated to the Anna University, Chennai. The college is housed in Adhiyamaan Educational & Research Institutions Campus, Dr.M.G.R Nagar, Hosur. The Campus is spread over an area of 250 acres abutting National Highway NH-7.

The Institution is situated 6 kms from Hosur bus stand and railway station. The Institution is well connected to three major Railway Junctions viz., Hosur, Jolarpet and Bangalore.

About the Department

The Department of Mechanical Engineering started during 1991 -1992 is presently having an intake of 60.The department offers one post graduate programs Engineering Design (ME-ED). The department is led by Dr. S V Suresh Babu supported by well experienced faculty members who have passion to teach. The Department of Mechanical Engineering provides high quality education along with discipline. The faculty members make it possible to give individual attention to the learners and to motivate them to achieve their professional goals. The curriculum structure of the department is designed to meet the present day requirement of Industries and corporate sectors. The interaction between the staff and students is excellent and all the laboratories are well equipped as per requirements of the curriculum.

CHIEF PATRON

Dr. T. Banumathi
Chairperson,
Adhiyamaan College of Engineering,Hosur

PATRON

Dr. G. Ranganath
Principal,
Adhiyamaan College of Engineering,Hosur

COORDINATORS

Dr.S.V.Suresh Babu
HOD/Mechanical Engg

Dr.M.Sakthivel
Asso.Professor,Mechanical Engg

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AICTE SPONSORED ONE WEEK ATAL FDP ON

RECENT TRENDS IN DIGITAL MANUFACTURING

9th September 2024 to 14th September 2024

Coordinators

Dr.S.V.Suresh Babu
HOD/Mechanical Engg.

Dr.M.Sakthivel
Asso.Professor, Mechanical Engg.

Organized by

DEPARTMENT OF MECHANICAL ENGINEERING

ADHIYAMAAN COLLEGE OF ENGINEERING
(AUTONOMOUS)
Affiliated to Anna University | Approved by AICTE |
Accredited by NAAC with 'A'Grade
Dr. M.G.R Nagar, Hosur -635 130,
Tamil Nadu,India

About the Programme

An integrated production strategy built around a computer system is known as "digital manufacturing".This faculty development program is more focused towards faculty and researchers who are involved in teaching and carrying out research in the area of digital manufacturing. It is aimed to enhance the fundamental understanding of digital manufacturing,which is used for automation.The shift to digital manufacturing has gained momentum as the number and calibre of computer systems in industrial facilities have increased. In order to optimise the production process, it is now vital to model, simulate, and analyse every machine, piece of equipment, and input material used in a manufacturing facility as more automated tools are employed. In general, it can be observed that digital manufacturing and design for manufacturability (DFM), flexible manufacturing, lean manufacturing, and computer-integrated manufacturing (CIM) have similar objectives. The primary distinction is that, in the computerised environment, digital manufacturing evolved for usage.After attending this faculty development program, participants are expected to fine tune their delivery of lectures and their research in digital manufacturing .

Expected Outcomes

At the end of the FDP participants will be able to:

- Gain the knowledge on Digital manufacturing concepts.
- Learn the concepts on Industry 4.0 and applications of Smart manufacturing.
- Gain knowledge on historical concepts of rapid prototyping systems and the working principle involved in 3D printing.
- Know the principle involved in the processes of Fused deposition modeling and Solid ground curing.
- Aware about the working principle involved in Direct manufacturing and Rapid tooling with its practical applications.

Resource Persons

Resource persons are drawn from premier Institutions and leading Industries.

Eligibility

The program is intended for the faculty of AICTE approved Engineering Colleges, Research Scholars and industry persons.

Important Dates

Last date for receipt of application : 02.09.2024

List of selected participants will be Intimated through email : 05.09.2024

NO Registration Fee

Resource Persons:

1.Dr.P.Senthil,Asso.prof ,NIT-Trichy

2.Mr.Daniel,Chief Manager,HAL-Bangalore

3.Mr.D.Arun,Senior Manager,INEL-Hosur

4.Mr.P.Arjun Raj,Director,Value Entech.Pvr.Ltd-Bangalore

5.Dr.S.Vijay Kumar,Asso.Prof,MIT-Chennai

6.Dr.B.R.Raju,Prof&Head,Oxford college of Engineering-Bangalore

7.Dr.O.Gurumoorthy,Asso.Prof,BMSIT, Bangalore

8.Dr.C.Siddharaju,Asso.Prof,MSRIT-Bangalore

REGISTRATION FORM

One Week ATAL
Faculty Development Programme on

RECENT TRENDS IN DIGITAL MANUFACTURING
9th September, 2024 to 14th September, 2024

1. Name:

2. Educational Qualification:

3. Organization:

4 . Address for correspondence with e-mail:

5. Telephone/Mobile No:

6. Teaching/Industry Experience:

Google Link For Online Registration

https://forms.gle/LMw1xfyZ6ctYrzfk7

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration.

Date: Signature of the Applicant

Certificate

Mr./Ms./Dr_____is a Faculty of our Institution.He/She will be permitted to attend the ATAL FDP on "RECENT TRENDS IN DIGITAL MANUFACTURING" for the entire duration,if selected.

Signature of the Head of the Institution with seal