

ABOUT THE INSTITUTE

Velammal Engineering College was established in the year 1995. The college offers 9 UG and 3 PG programs. Many of the departments are recognized as Research Centre by Anna University, Chennai. Our College is accredited by NAAC. 8 UG programs are accredited by NBA, New-Delhi. The institution has gained an Autonomous status by UGC in the A.Y 2019-20. The institution has signed MoU's with various research organizations and industries in order to promote innovative projects for sharing technical ideas among faculty members and students.



ABOUT THE DEPARTMENT

Department of Mechanical Engineering was established in the year 1999. The department is accredited by NBA. It offers a U.G. Programme in B.E. Mechanical Engineering. The department is recognized as research Centre by CFR, Anna University. There are 30 faculty members in the department, with nine of them are holding Doctoral degree.

Faculty members are actively involving in completing the R&D projects sponsored by various Govt. agencies and Industries. They help the students to develop their skills through their project works. The department has state-of-art laboratories equipped with research facilities.

CHIEF PATRON

Shri. M. V. Muthuramalingam
Chairman
Velammal Educational Trust

PATRON

Shri. M. V. M. Velmurugan
CEO
Velammal Educational Trust

CO PATRON

Dr. S. Satishkumar
Principal
Velammal Engineering College

CONVENER

Dr. E. Ganapathy Sundaram
Professor & Head
Department of Mechanical Engineering

COORDINATORS

Dr. S. Suresh, Associate Professor
Dr. R. Geetha, Assistant Professor-III
Department of Mechanical Engineering

CO-COORDINATORS

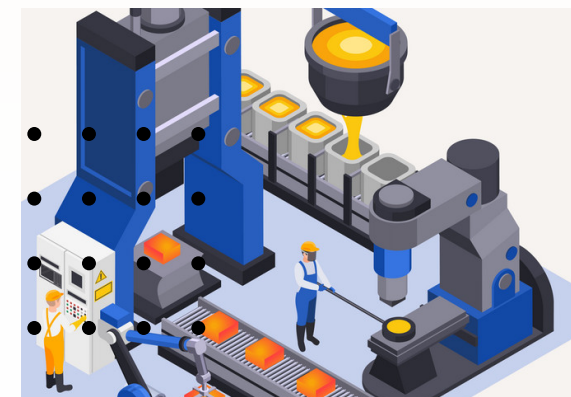
Dr.D.Gopinath
Mr. R.P. Elvin
Mr. M. Saravanan
Assistant Professors
Department of Mechanical Engineering



Five days Online Faculty Development Programme
On

“Research Innovations in Materials and Manufacturing (RIMM '23)”

(02 . 01 . 2023 to 06 . 01 . 2023)



Organized by
Department of Mechanical Engineering



(An Autonomous Institution
Affiliated to Anna University, Chennai)

Ambattur – Red Hills Road,
Chennai – 600 066

ABOUT THE PROGRAMME

In today's era of continuous innovation, the exposure and recent updates on newer materials and manufacturing techniques into a context of a production environment will provide various ideas for researchers and innovators.

This Faculty Development Programme will provide the knowledge and skills related to the selection of materials and manufacturing processes which are playing critical role in today's competitive world. Advanced Manufacturing processes such as additive techniques & automation techniques will be strongly addressed. Participants will also be benefited from experience and knowledge sharing by the Academic and Industrial experts.

The focus of this FDP is to bring various ideas on a common platform and to provide the interaction among a wide horizon of people.

Main objectives of the FDP:

- To exchange the state-of-the-art scientific knowledge in the field of advanced materials and manufacturing techniques.
- To provide the participants with a rigorous and sound knowledge on recent materials, manufacturing processes, characterization and the future scope.
- To address the opportunities and challenges in adopting the technology and producing cost effective products.

COURSE CONTENT

- Research and Funding Opportunities: Aircraft Materials and Manufacturing
- Demonstration on 3D Printing Software
- 3D Printing of bio-based Polymer Composites for Medical Applications
- Applications of High temperature Refractory metals
- Processing of Rubber Nano composites
- Lightweight Metal Matrix Composites

RESOURCE PERSONS

Resource Persons from premier Institutions / Industry will deliver the lectures.

1. **Dr. P. Jawahar, Assistant Professor, Dept. of Mechanical Engineering, N.I.T, Agartala, Tripura.**
2. **Dr. R. Ganesh, Lecturer, University of Technology and Applied Sciences, Nizwa, Oman.**
3. **Scientist, DRDO, Bangalore.**
4. **Dr.V. Muthukumar, Professor, Dept. of Mechanical Engineering, Saveetha Engineering College, Chennai**
5. **Mr. Nihal Aslam, Diagonal CADD, Chennai.**
6. **Dr.K.Varatharajan, Professor, Dept. of Mechanical Engineering, Velammal Engineering College, Chennai.**

KEY INFORMATION

1. **Faculty members from Universities / Engineering Colleges, Research Scholars, PG Students, Participants from Industries can attend this programme.**
2. **Registration fee is Rs.200/-.**
3. **Participants will be selected by the organizers on first come first serve basis.**
4. **Selected candidates will be intimated through E-mail.**
5. **FDP will be conducted through online mode.**
6. **Digital certificate will be issued to all the active participants.**

REGISTRATION

Interested participants can register for the FDP through the following link.

<https://bit.ly/3FXD10M>

Payment Details

**Account name : Velammal Engineering College –Admin
Indian Bank - Puzhal
Account number : 6585783194
IFSC code : IDIB000P162**

Note: While filling the registration form, kindly upload the fee payment screenshot

Session Timing

Forenoon: 10:00 am to 11:30 am

Important Dates

Last date for registration: 26th Dec 2022

Intimation of acceptance: 28th Dec 2022

ADDRESS FOR COMMUNICATION

For any queries, please contact:

Dr. S. Suresh

Dr. R. Geetha

(Coordinators / FDP)

**Department of Mechanical Engineering
Velammal Engineering College,
Chennai – 66**

Email: ssuresh@velammal.edu.in

Mobile(s): 99520 63780, 70102 36394