



SRM MADURAI
COLLEGE FOR ENGINEERING AND TECHNOLOGY
Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai
Pottapalayam, Sivagangai District – 630 612



R & D Cell in association with ISTE Staff Chapter Organizes
National Level One Week Faculty Development Program (Online) on
Cutting-Edge Developments and Research Frontiers in Mechanical Engineering

4th – 9th December 2023

Session 1

(Time: 2.00 PM to 3.00 PM)



Er. Krishna Kumar N (KK)

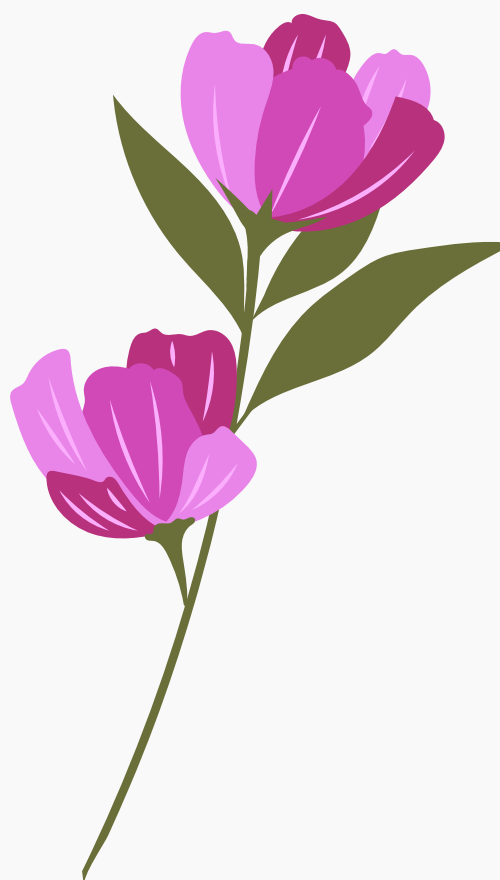
Business Story Teller,
LinkedIn Creator Accelerator,
Award Winning Blogger and Writer

Topic: OpenAI, ChatGPT and Mechanical Engineering

Day 1

04-12-2023

Monday



Session 2

(Time: 3.30 PM to 4.30 PM)



Dr. Y. Jyothi

Associate Professor,
Department of Mechanical Engineering,
Vignan's University, Guntur,
Andhra Pradesh.

Topic: Nano Carbon Composites



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Dr. B. Shahul Hamid Khan

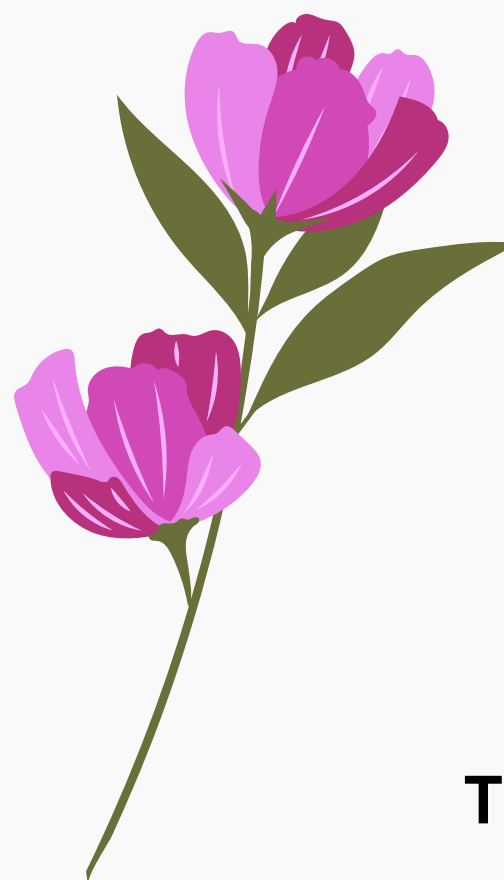
Associate Professor,
Department of Mechanical Engineering,
IIITDM, Kancheepuram.

**Topic: Review of Research topics in Sustainable
and Closed loop Supply chain**

Day 2

05-12-2023

Tuesday



Session 2

(Time: 3.30 PM to 4.30 PM)



Dr. R. Pandiyarajan

Professor & HOD,
Department of Mechatronics Engineering,
Agni College of Technology, Chennai.

**Topic: Exploratory Study of Friction Stir Welding
in Hybrid Metal Matrix Composite Materials**



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Dr. S. Denis Ashok

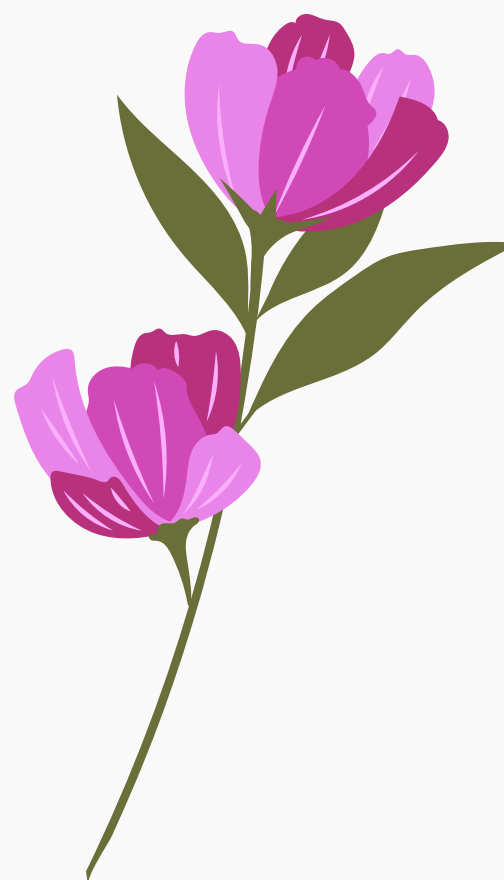
Professor,
Department of Design and Automation,
VIT University, Vellore.

**Topic: Perspectives on Design Principles and
Additive manufacturing Techniques**

Day 3

06-12-2023

Wednesday



Session 2

(Time: 3.30 PM to 4.30 PM)



Dr. S. Ananda Kumar

Associate Professor and HOD,
School of Computer Science and Engineering,
VIT University, Vellore.

Topic: IoT in Mechanical Systems



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Dr. S. Supriya

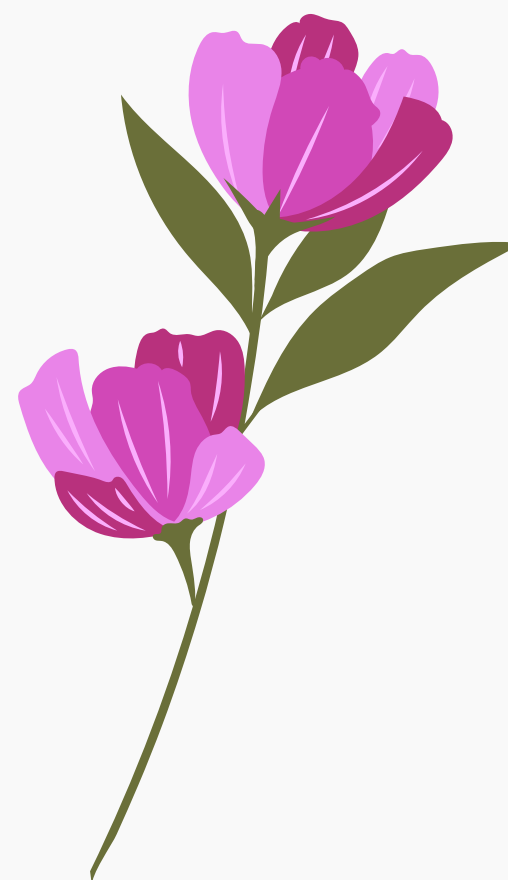
Professor and Head,
Department of Mechanical Engineering,
Government College of Engineering,
Tirunelveli.

Topic: Bio Medical Studies

Day 4

07-12-2023

Thursday



Session 2

(Time: 6.00 PM to 7.00 PM)



Dr. S. Thirumalai Kumaran

Associate Professor,
Department of Mechanical Engineering,
PSG iTech, Coimbatore.

Topic: Hybrid Machining towards Industry 4.0



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Session 1

(Time: 2.00 PM to 3.00 PM)



Dr. M. Uthayakumar

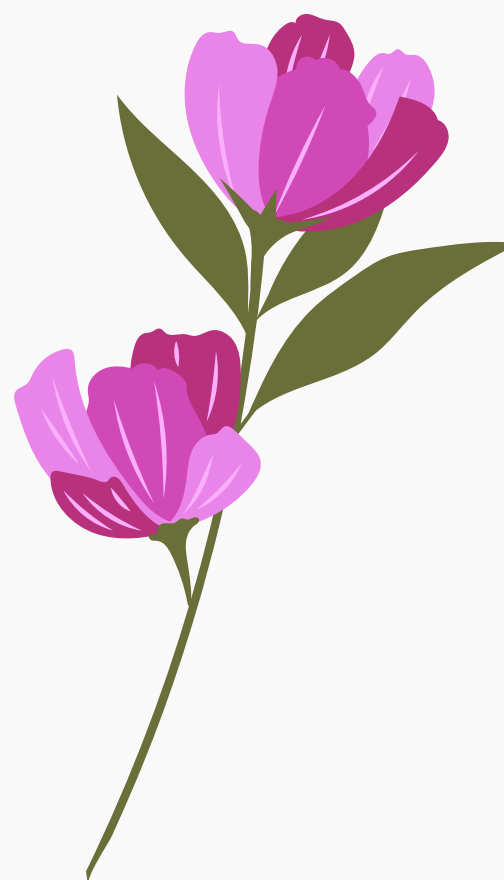
Professor,
Department of Automobile Engineering,
Kalasalingam University, Krishnankoil.

Topic: Unconventional Machining

Day 5

08-12-2023

Friday



Session 2

(Time: 3.30 PM to 4.30 PM)



Dr. Latha Parthiban

Head Incharge,
Department of Computer Science,
Pondichery University,
Community College Group, Puducherry.

Topic: AI in Mechanical Systems



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Session 1

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Er. T. J. Raj Thilak

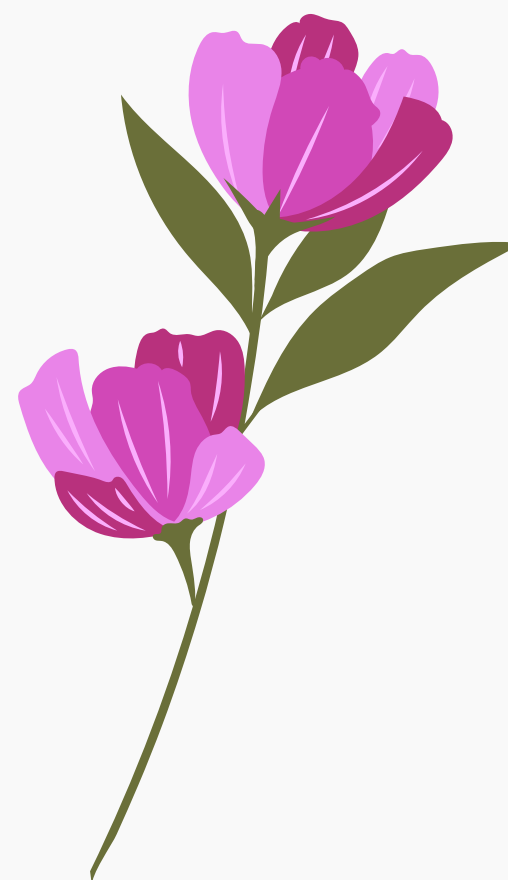
Scientist / Engineer – SF,
Vikram Sarabhai Space Centre,
Trivandrum, Kerala.

Topic: Design Life Cycle Process

Day 6

09-12-2023

Saturday



Session 2

(Time: 3.30 PM to 4.30 PM)



Dr. G. R. Raghav

Associate Professor,
Department of Mechanical Engineering,
SCMS College of Engineering and
Technology, Cochin, Kerala.

**Topic: Research advances in polymer matrix
composites**