



**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**

**Resource Speakers**

<p><b>Er. Krishna Kumar N (KK)</b> Business Story Teller, LinkedIn Creator Accelerator, Award Winning Blogger and Writer</p>	<p><b>Dr. Y. Jyothi</b> Associate Professor, Department of Mechanical Engineering, Vignan's University, Guntur, Andhra Pradesh.</p>	<p><b>Dr. B. Shahul Hamid Khan</b> Associate Professor, Department of Mechanical Engineering, IIITDM, Kancheepuram.</p>
<p><b>Dr. S. Denis Ashok</b> Professor, Department of Design and Automation, VIT University, Vellore.</p>	<p><b>Dr. S. Ananda Kumar</b> Associate Professor and HOD, School of Computer Science and Engineering, VIT University, Vellore.</p>	<p><b>Dr. S. Supriya</b> Professor and Head, Department of Mechanical Engineering, Government College of Engineering, Tirunelveli.</p>
<p><b>Dr. M. Uthayakumar</b> Professor, Department of Automobile Engineering, Kalasalingam University, Krishnankoil.</p>	<p><b>Dr. Latha Parthiban</b> Head Incharge, Department of Computer Science, Pondicherry University, Community College Group, Puducherry.</p>	<p><b>Er. T. J. Raj Thilak</b> Scientist / Engineer - SF, Vikram Sarabhai Space Centre, Trivandrum, Kerala.</p>
<p><b>Dr. R. Pandiyarajan</b> Professor &amp; HOD, Department of Mechatronics Engineering, Anni College of Technology, Chennai.</p>	<p><b>Dr. S. Thirumalai Kumaran</b> Associate Professor, Department of Mechanical Engineering, PSG iTech, Coimbatore.</p>	<p><b>Dr. G. R. Raghav</b> Associate Professor, Department of Mechanical Engineering, SCMS College of Engineering and Technology, Cochin, Kerala.</p>

**Registration Details**

There is no registration fee to attend this program.  
Program will be conducted through online mode only.  
Platform: Google meet

**Registration Link:**

<https://forms.gle/U8n3e6LRJeC12Pn9A>

e-Certificate for active participants

**Target audience:**

The program is open to all Faculty Members / Research  
Scholars / PG Students / Employees / Industry Persons.

**Event Timing:**

Slot 1: 2.00PM to 3.00PM

Slot 2: 3.30PM to 4.30PM

**Organizing Secretary**

**Dr. A. N. Balaji**  
Professor / Mech, SRM MCET

**Co-Convener**

**Dr. K. Balamurugan**  
ASP / Mech, SRM MCET

**Convener**

**Dr. S. Durairaj**  
Principal, SRM MCET

meet.google.com/vwd-repw-yem

Uthayakumar Marimuthu (Presenting)

The presentation slide is titled "ADVANCED MACHINING PROCESSES" and shows a diagram of a waterjet cutting process. The diagram labels the following components: High-pressure water, Orifice, Abrasive, Focussing tube, and Cover. To the right of the diagram is a photograph of the actual waterjet cutting process in action, showing a high-speed stream of water and abrasive particles cutting through a material.

14:32 | Session 1: Unconventional Machining

33°C Partly sunny 02:32 PM 06-12-2023

meet.google.com/ehv-sakg-mjh

Dr.Latha Parthiban (Presenting)

The presentation slide is titled "What is artificial intelligence?" and features a diagram with the equation: **ARTIFICIAL INTELLIGENCE** = **ARTIFICIAL** + **INTELLIGENCE**. The "ARTIFICIAL" part is represented by a glowing blue brain, and the "INTELLIGENCE" part is represented by a horse's head. Below the diagram, the slide defines intelligence as "The capacity to learn and solve problems" and defines Artificial Intelligence (AI) as "the simulation of human intelligence by machines." It lists the following characteristics of AI:

- The ability to solve problems
- The ability to act rationally
- The ability to act like humans

15:41 | Session 2: AI in Mechanical Systems

33°C Partly sunny 03:41 PM 06-12-2023

