

# Faculty Training Program on Machine-Learning and Deep-Learning in MATLAB

**VENUE:** SRM Institute of Science and Technology.

**Period:** 26<sup>th</sup> and 27<sup>th</sup> July 2023

**Organizers:** SRM Marine Technology Society Student Chapter.  
MATHWORKS & Department of EEE, SRMIST

**Trainer:** Ms. Elza John, Senior Training Engineer, MATHWORKS

**Machine Learning** is one of the emerging areas in the areas of Artificial Intelligence is applied in various areas of science and technology. With the objective creating awareness and impart working knowledge in the ML &DL domain to the SRM faculty, SRM Marine Technology Society Student Chapter. MATHWORKS & Department of EEE, SRMIST organized a 2-day faculty training program on Machine Learning and Deep Learning in MATLAB on 26<sup>th</sup> and 27<sup>th</sup> July 2023 in the Department of EEE, SRMIST.

**The hands-on training (with individual attention to participants) included:**

- a. Basics of ML and DL.
- b. Application of MATLAB toolboxes including:
  - Statistics and ML
  - Deep Learning
  - Image Processing
  - Computer Vision

The snap of the program invitation is as below:

The poster features a dark background with golden, wavy, fingerprint-like patterns on the left and right sides. At the top, there are logos for SRM Institute of Science and Technology, MATLAB, and the SRM - MTS Student Chapter. The text is centered and reads: 'SRM MTS STUDENT CHAPTER IN ASSOCIATION WITH MATHWORKS PVT. LTD & DEPARTMENT OF EEE SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR ORGANIZES FACULTY TRAINING PROGRAMME ON "MACHINE LEARNING AND DEEP LEARNING IN MATLAB" (JULY 26 & 27, 2023)'. Below this, a 'HIGHLIGHTS:' section lists five bullet points. A paragraph follows, explaining the selection process. At the bottom, 'Contact details:' are provided for two individuals: S. Diana Emerald Aasha and Dr. J. Preetha Roselyn.

   

SRM MTS STUDENT CHAPTER IN ASSOCIATION WITH  
MATHWORKS PVT. LTD  
&  
DEPARTMENT OF EEE  
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR

**ORGANIZES**

**FACULTY TRAINING PROGRAMME**

**ON**

**“MACHINE LEARNING AND DEEP LEARNING  
IN MATLAB”**

**(JULY 26 & 27, 2023)**

**HIGHLIGHTS:**

- The faculty are trained by experts from Mathworks Pvt Ltd
- Exposure to ML and DL toolboxes
- Application oriented case studies
- Data and image processing in MATLAB
- Certificates from Mathworks
- Training programme worth Rs 1,00,000 is provided at free of cost
- Individual attention to all participants

The selected faculty on first come first serve basis in continuation with the previous mail will be provided with this training programme. The selected candidates should be available for the entire two days adjusting your academic schedule. If any inconvenience, kindly inform us so that remaining faculty in the list will be provided with this chance.

**Contact details:**

S.Diana Emerald Aasha Faculty Coordinator SRM MTS STUDENT CHAPTER dianaems@srmist.edu.in	Dr.J.Preetha Roselyn Branch Councilor SRM MTS STUDENT CHAPTER preethaj@srmist.edu.in
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**The participants are also issued with participation certificates.**



After the end of the two-day session, the participated faculty expressed that the program was very useful for the application perspective. They thanked the organizers and requested for more advanced training sessions in the future.

The training ended with a vote of thanks by Dr.Preetha J Roselyn, Coordinator, SRM MTS student chapter.