

**5 DAYS FACULTY DEVELOPMENT PROGRAM**

**on**

**UNDERSTANDING MATLAB**

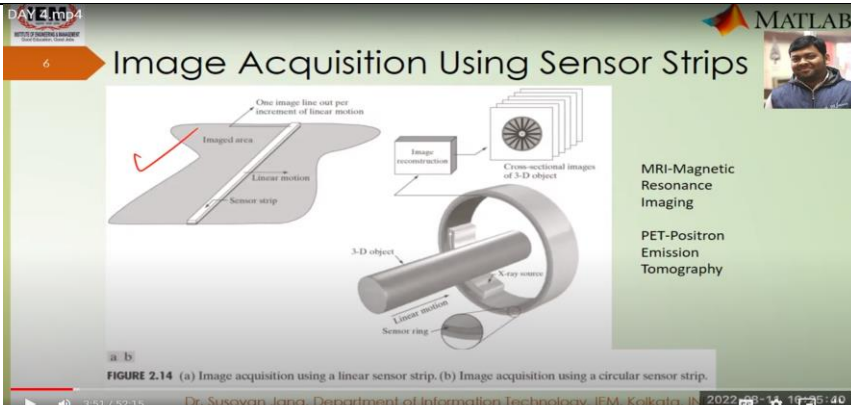
**(5<sup>th</sup> to 12<sup>th</sup> August, 2022)  
(36-Hour Course)**

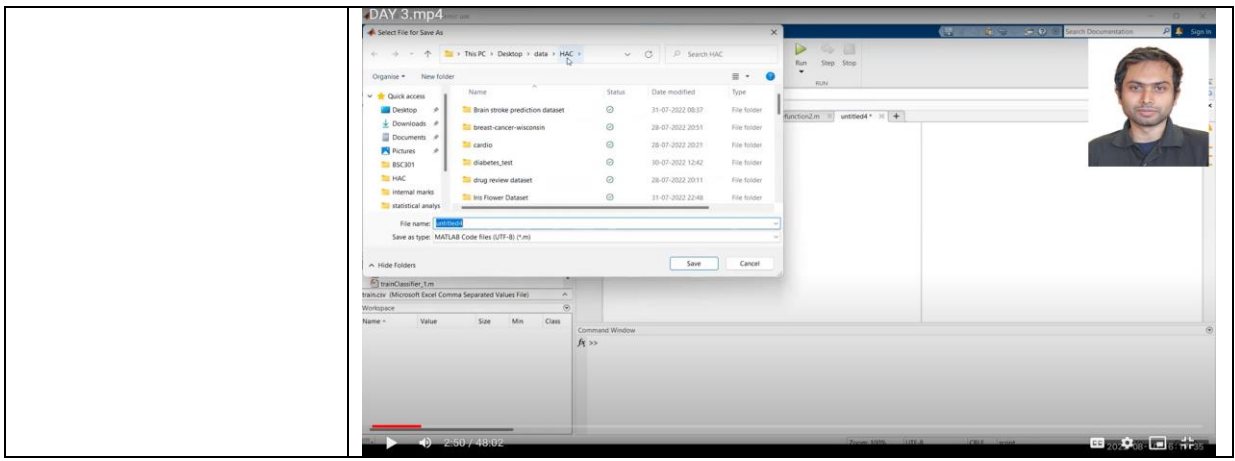
**organized by**

**HRDC**

**Institute of Engineering & Management, Saltlake  
University of Engineering & Management, Kolkata**

**(Online Zoom Platform)**

<b>Name of the activity</b>	<b>5 Days FDP on Understanding MATLAB</b>
<b>Name of the Program Coordinator</b>	Prof. (Dr.) Mohuya Chakraborty, Dean HRDC & Principal (Ashram Campus), Institute of Engineering & Management-Kolkata.
<b>Name of the participant</b>	Faculty members of ECE, IT, CSE and CSE allied branches
<b>Resource Persons</b>	<p><b>Day 1 (August 5, 2022):</b> Prof. (Dr.) Prithwineel Paul, Associate Professor, Computer Science &amp; Engineering, IEM, Saltlake</p> <p><b>Day 2 (August 8, 2022):</b> Prof. (Dr.) Prithwineel Paul, Associate Professor, Computer Science &amp; Engineering, IEM, Saltlake</p> <p><b>Day 3 (August 10, 2022):</b> Prof. (Dr.) Prithwineel Paul, Associate Professor, Computer Science &amp; Engineering, IEM, Saltlake</p> <p><b>Day 4 (August 11, 2022):</b> Prof. (Dr.) Susovan Jana, Assistant Professor, Computer Science &amp; Engineering (Internet of Things), IEM, Saltlake</p> <p><b>Day 5 (August 12, 2022):</b> Prof. (Dr.) Susovan Jana, Assistant Professor, Computer Science &amp; Engineering (Internet of Things), IEM, Saltlake</p>
<b>Organizing Unit/Agency, Collaborating Agency</b>	HRDC
<b>Name of the Venue</b>	Virtual Online Zoom Platform
<b>Date of the Event</b>	<b>August 5, 8, 10, 11 &amp; 12, 2022</b>
<b>Short description of the event</b>	The objective of this program was to discuss about the use of MATLAB in different research domains. The speakers delivered the talk mainly on the use of MATLAB in Machine Learning and Image Processing. Next, they demonstrated the efficacy of MATLAB by hands on session.
<b>Images of the event</b>	 <p>The image shows a screenshot of a video presentation slide from MATLAB. The slide title is "Image Acquisition Using Sensor Strips". It contains two diagrams: (a) shows a linear sensor strip moving across an imaged area, with one image line out per increment of linear motion; (b) shows a circular sensor strip around a 3-D object, with linear motion and sensor ring. The slide also lists applications: MRI-Magnetic Resonance Imaging, PET-Positron Emission Tomography, and CT-Computed Tomography. The video player interface at the bottom shows the speaker as Dr. Susovan Jana, Department of Information Technology, IEM, Kolkata, IN, 2022, with a timestamp of 3:51 / 52:15.</p>



  
Head (HRDC)  
Instituted of Engineering & Management  
Salt Lake, Electronics Complex  
Kolkata-700091