

### About MIT-ANNA UNIVERSITY

Madras Institute of Technology (MIT), founded in 1949 by Shri C. Rajam, is a premier engineering institute known for pioneering programs and producing eminent scientists like Dr. APJ Abdul Kalam and Dr. K. Sivan. Now part of Anna University (since 1978), it holds NAAC A++ accreditation. The campus is located adjacent to Chromepet Railway Station.

### ORGANIZING DEPARTMENT

The Department of Instrumentation Engineering offers UG (Electronics and Instrumentation), PG (Instrumentation Engineering) and Ph.D / M.s (by research) programmes. The Department is accredited by NBA and NAAC and has secured funding from DST, UGC and TEQIP.

### HIGHLIGHTS OF THE SDP

- State of the art industry-oriented topics.
- Resource persons drawn from prominent industries and Academia.
- Hands-on sessions in the labs of SCoE and Dept. of Instrumentation Engg.
- Demo & Interactive sessions along with Q&A by industry experts.

### About RUSA

Rashtriya Uchchatar Shiksha Abhiyan (RUSA) 2.0 is a centrally sponsored scheme aimed at improving the quality of higher education in India. It supports state institutions by promoting skill development and practical training. Under this scheme, the workshop has been designed to provide experiential learning in Industrial Automation.

### PROGRAMME OBJECTIVE

- ♦ Proficiency in programming PLCs using CODESYS and Siemens LOGO software.
- ♦ Competence in applying the five IEC 61131-3 programming languages.
- ♦ Practical knowledge of HMI and SCADA for Industrial monitoring and control.
- ♦ Hands-on understanding of industrial sensors, actuators, and communication protocols.
- ♦ Awareness of smart automation trends and Industry 4.0 applications.

### MAJOR TOPICS OF DISCUSSION

- ♦ Recent trends in Automation
- ♦ Programming in Codesys
- ♦ Siemens S71200 PLC
- ♦ IIoT and smart manufacturing systems
- ♦ Robotics in Automation
- ♦ Factory I/O
- ♦ In-Touch SCADA& DCS

### MAJOR FACILITIES



### RUSA Sponsored

### 3-day Skill Development Programme On Hands on Training in Smart Industrial Automation Systems

18<sup>th</sup>-20<sup>th</sup> December 2025

### Coordinators

**Dr. N. Vinoth**  
Asso. Professor,  
Department of Instrumentation Engg,  
MIT Campus, AU

&

**Dr. A. Ganesh Ram**  
Asst. Professor (Sl.Gr),  
Department of Instrumentation Engg,  
MIT Campus, AU



### CONDUCTED BY

Department of Instrumentation  
Engineering,  
MIT Campus, Anna University  
Chennai-600 044

### Registration form

Name(in capitals):.....

Degree/Branch/Semester.....

Institution:.....

Address of Institution: .....

.....

E-mail:.....

Mobile No.:.....

### Declaration

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of programme.

Date: Signature of the Applicant

### Certificate from Head of the Institution/organization

Mr./Ms.....is a student of the ..... (Department) of our Institute and is hereby sponsored by us. He /She will be permitted to attend the 3-days SDP, if selected.

Signature of HoD with seal

### INFORMATION TO THE APPLICANTS

- A Scanned copy of registration form duly signed by HoD should be uploaded along with the Google form.
- The selection intimation will be communicated only through e-mail.
- SDP will be conducted in physical mode only.
- Attendance is compulsory on all 3 days to obtain the certificate.
- Outstation participants have to make their own arrangements for travel and stay. Working lunch and refreshments will be provided all 3 days

### Eligibility

Students from Third and Final year UG programmes of University departments / constituent colleges of Anna university are eligible to apply

### How to apply

Interested candidates should submit the application using the link given below

<https://forms.gle/rjaUiKNk6dNM8Sz37>

### Contact Address

The Coordinator  
Three-day Skill Development Programme,  
Department of Instrumentation Engg,  
MIT Campus, Anna University Chennai  
Chennai - 600 044.

Phone.No:044-22516035

Email: [mitieau@gmail.com](mailto:mitieau@gmail.com)

### ORGANIZING COMMITTEE

#### Patron

**Convener Committee Members**  
Anna University

#### Co Patron

**Dr. V. Kumaresan**

Registrar i/c, Anna University  
&

**Dr. P. Jayashree**

Dean, MIT Campus, Anna University

#### RUSA Program Manager

**Tmt. C. Geetha,**  
SPD, RUSA

#### Chair

**Dr. S. Srinivasan**

HoD, Instrumentation Engg.,  
MIT Campus, Anna University

#### Coordinators

**Dr. N. Vinoth**

Asso. Professor, Instrumentation Engg.,  
MIT Campus, Anna University

&

**Dr. A. Ganesh Ram**

Asst. Prof(Sl.Gr), Instrumentation Engg.,  
MIT Campus, Anna University

### IMPORTANT DATES

**Last Date of Submission: 12-12-2025**

**Intimation of Selection : 15-12-2025**



## H Annexure – II (a)

**Department of Instrumentation Engineering, MIT Campus, Anna University, Chennai – 600044**

**Three Days Skill Development Programme(with RUSA funding support)**

**“HANDS-ON TRAINING INSMART INDUSTRIAL AUTOMATION”**

**18.12.2025 - 20.12.2025**

### SCHEDULE

Day & Date	Session I 9.00 – 10.00		Session II 10.15 – 11.15	Session III 11.15 – 12.15		Session IV 1.15 – 2.15	Session V 2.15 – 3.15		Session VI 3.30 – 4.30
Day 1 18.12.2025 (Thursday)	Mr. Gopinath, COO & Deputy MD,Base Automation  <b>Recent Trends in Automation</b>	Tea Break	Mr. Gopinath, COO & Deputy MD, Base Automation  <b>Recent Trends in Automation</b>	Dr. Vinoth Assoc. Prof – IE, MIT  <b>Hands-on training in Codesys</b>	Lunch Break	Dr. A.Ganesh Ram Asst. Prof – IE, MIT  <b>Hands-on training in Codesys</b>	Dr.Mala Sharma AGM-Operations & Training · Walmart Center for Tech Excellence  <b>Hands-on session with AI tools</b>	Tea Break	Dr.Mala Sharma AGM-Operations & Training · Walmart Center for Tech Excellence  <b>Hands-on session with AI tools</b>
Day 2 19.12.2025 (Friday)	Dr. Karthikeyan Professor – PT MIT  <b>Robotics in Automation</b>		Mr.Akash Richardson Senior Solution Engineer, Siemens Technology India  <b>Hands-on Training with Siemens S71200 PLC</b>	Mr.Akash Richardson Senior Solution Engineer, Siemens Technology India  <b>Hands-on Training with Siemens S71200 PLC</b>		Dr. S.Meyyappan Asst. Prof – IE MIT  <b>Industrial Communications</b>	Mr.Kottamalai Commissioning Engineer, FLSmidth  <b>Hands-on training in Intouch SCADA</b>		Mr.Kottamalai Commissioning Engineer, FLSmidth  <b>Hands-on training in Intouch SCADA</b>
Day 3 20.9.2025 (Saturday)	Dr. Sudhakar K Bharatan  <b>IIoT and Indusdy 5.0</b>		Mr. Sushil, Engineer, Mitsubishi Electric India Pvt, Ltd.  <b>Hands-on training in GXworks 3</b>	Mr. Sushil, Engineer, Mitsubishi Electric India Pvt, Ltd.  <b>Hands-on training in GXworks 3</b>		Mr. Vijay Ananad, Petrofac, Chennai  <b>Hands-on training in DCS</b>	Mr. Vijay Ananad Chennai, Petrofac, Chennai  <b>Hands-on training in DCS</b>		Mr.Chandran MD, Cyberfort  <b>OT Security</b>
									Valedictory: 4.45 – 5.15 PM

**Dr. N. Vinoth**  
Coordinator

**Dr. A.Ganesh Ram**  
Coordinator