

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.

About SCoE-MIT

The Siemens Centre of Excellence (SCoE) was established in Oct 2018 in collaboration with Siemens and TNSDC, the centre has 14 advanced labs with Siemens hardware/software and offers summer/winter internships, consultancy, project support, FDPs, and training programmes.

About DoIE-MIT

The Department of Instrumentation Engineering offers UG (Electronics & Instrumentation, PG (Instrumentation Engineering) and Ph.D. / M.S (by research) programmes. The Department has been accredited by NBA (Tier II) and has secured funding from DST, UGC AICTE, TEQIP & RUSA.

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 Motor Control.

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.

Benefits to participants

- Technical lectures skill for enhancement of industry readiness & hands-on sessions
- Participation certificate
- Registration kit
- Lunch & Refreshments

Who can apply

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/inTMZMTxh3XGCFLb9>

- There is no registration fee for attending the SDP
- Selection will be based on first-come-first-served basis
- Max. No. of participants is restricted to 40

Programme Venue

Siemens Centre of Excellence (SCoE),
3rd Floor, New Production
Technology Building, MIT Campus,
Anna University, Chromepet,
Chennai – 600 044.



RUSA SPONSORED

3-DAYS Skill Development Programme

"Hands-on with Industrial Motor control using Siemens Drives"

22nd-24th December 2025

Organized by

**Siemens Centre of Excellence
&**

Dept. of Instrumentation Engg.

**MIT Campus, Anna University
Chennai - 600 044**



Contact Address

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Registration form

Name (in capitals):

Degree/Branch/Sem.....

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 of the programme.

Date: Signature of the Applicant

Certificate from the Institution

Mr./Ms./.....,
Student of..... (Branch/year) of our institution is hereby permitted to attend the 3-days SDP on "**Hands-on with Industrial Motor control using Siemens Drives**", if selected.

Signature of the HoD / Head of institution
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.

Lab facilities of SCoE and DoIE



ORGANIZING COMMITTEE

Patron

Convener Committee Members

Anna University

Co-Patron

Dr. V. Kumaresan

Registrar i/c

&

Dr. P. Jayashree

Dean, MIT

RUSA Programme Manager

Tmt. C. Geetha

SPD, RUSA

Chair

Dr. S. Srinivasan

HoD, Instrumentation Engg

&

Dr. Sabitha Ramakrishnan

Nodal Officer, SCoE-MIT

Coordinators

Dr. Sabitha Ramakrishnan

Professor, Instrumentation Engg

&

Dr. A. Ganesh Ram

Asst.Prof (SG), Instrumentation Engg

IMPORTANT DATES

Last date for applying : 19.12.2025

Selection Intimation : 20.12.2025

SDP commencement : 22.12.2025



**SIEMENS CENTRE OF EXCELLENCE (SCOE-MIT)
IN COLLABORATION WITH DEPT OF INSTRUMENTATION ENGG.
MIT Campus, Anna University, Chennai – 600044**



**RUSA FUNDED THREE DAYS SKILL DEVELOPMENT PROGRAMME
ON
HANDS-ON WITH INDUSTRIAL MOTOR CONTROL USING SIEMENS DRIVES**

22.12.2025 – 24.12.2025

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 22.12.2025 (Monday)	Inauguration: 8.30 – 9.00 AM					
	Core concepts of DC machines and Transformers Dr. T. Thyagarajan Former Dean-MIT, Pro-VC, VIT-Chenna	Core concepts of DC machines and Transformers Dr. T. Thyagarajan Former Dean-MIT, Pro-VC, VIT-Chennai	Basics of AC Drives and introduction to Siemens SINAMIC software Dr. A. Ganesh Ram Asst.Prof (SG), IE-MIT	“Hands-on with Siemens-SINAMIC starter software” Dr. A. Ganesh Ram Asst.Prof (SG), IE-MIT	“Fundamentals of IoT-Enabled Motor Control, Connectivity, Monitoring and Predictive Insights” Mr. M.Malaiyappan Director, Pantech Solutions Pvt. Ltd	“Smart Control and Automation Applications” Mr. J. Balraj RD Manager, Pantech Solutions Pvt. Ltd
Day 2 23.12.2025 (Tuesday)	Introduction to Motor Classification Dr. S.Kumar Professor, IE-MIT	“Motor Speed control techniques” Dr. R. Suja Mani Malar Assoc. Professor & Head – DCDCB, NITTTR, Chennai	Motor Speed control techniques Dr. R. Suja Mani Malar Assoc. Professor & Head – DCDCB, NITTTR, Chennai	Introduction to Induction Motor Control using G120 Drive Dr. Sabitha Ramakrishnan, Prof, IE-MIT & Nodal Officer, SCoE-MIT	Industrial Automation for Electrical applications Mr. Vinesh Iyer Senior Manager-Engg, Digital Team, Schneider Electric Chennai.	Industrial Automation for Electrical applications Mr. Vinesh Iyer Senior Manager-Engg, Digital Team, Schneider Electric Chennai.
Day 3 24.12.2025 (Wednesday)	Hands-on with AC and DC Drives Dr. S.Kumar Professor, IE-MIT	Motor control for optimizing energy and performance – Applications and Case studies Dr. Parthiban Raja Danfoss Industries Pvt. Ltd, Chennai.	Hands-on with Danfoss AC Drives Dr. Seshadri Gopalan Manager, Power Electronics, Danfoss Industries Pvt. Ltd, Chennai.	Hands-on with Induction Motor Control using G120 Drive Dr. Sabitha Ramakrishnan, Prof, IE-MIT & Nodal Officer, SCoE-MIT	Automotive Engineering Mr. P.Kasiviswanathan MD - TN Autoskills Chennai	Automotive Engineering Mr. P.Kasiviswanathan MD - TN Autoskills Chennai
						Valedictory function: 4.45 – 5.15 PM

Dr. A. Ganesh Ram
Coordinator

Dr. Sabitha Ramakrishnan
Coordinator