

K.S. RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE – 637 215
(An Autonomous Institution, Affiliated to Anna University, Chennai)

One Credit Course Offered with Industry Support (2024-2025)

S.No	Name the Course	Semester	Name of the Industry	Dept	#students
1.	60EESE01 – Hardware Integration Using Graphical Programming	V	Mindnics Erode	EEE	28
2.	60EESE02 – STM32 Microcontroller: Fundamentals and Development	V	Enthu Technology Solutions, Coimbatore	EEE	35
3.	60EESE03 – Electrical Designing, Commissioning and Auditing Using ECAD	VI	C-CUBE Technology, Erode	EEE	32
4.	60EESE04 – Electrical Schematic Design and Advanced Techniques using ECAD	VI	C-CUBE Technology, Erode	EEE	31
5.	60 ME SE01-Emerging Trends in Welding Technology	III	IWS- Welding Research Institute	Mech	31
6.	60 FT SE01-Mushroom Cultivation: Principles and Practices- Ntireworks Technologies India Pvt. Ltd, Avinashi	VI	Ntireworks Technologies India Pvt Ltd, Avinashi	BT	42
7.	60 ME SE02- Welding Design codes and Testing	VI	Indian Welding Society, Chennai	Mech	22
8.	60 TT SE02- Quality and Process Control for Textile Manufacturing Process	V	SGS Tex, Tirupur	Textile	53
9.	60 CE SE01-Digital Surveying	IV	The Salem Land Survey Institute, Salem	Civil	30
10.	60 EC SE01 - ASIC System Design and Verification	V	Tessolve Semiconductors, Bengaluru	ECE	31
11.	60 EC SE02 - Signal Processing with MATLAB	V	ARK InfoSolution, Coimbatore	ECE	24
12.	60 EC SE03 - Advanced Data Acquisition and Control	V	VI Solutions, Bengaluru	ECE	33
13.	60 EC SE04 - Smarter critical systems using STM32	VI	Illuminen Technologies, Coimbatore	ECE	37

14.	60 EC SE05 - ASIC verification using UVM Methodology	VI	Tessolve Semiconductors Bengaluru	ECE	31
15.	60 EC SE06 - LoRaWAN Network Architecture in IoT	IV	Enthu Technology Solutions India Pvt.Ltd , Coimbatore	ECE	42

One Credit Course Offered with Industry Support (2023-2024)

S.No.	Name the Course	Semester	Name of the Industry	Dept.	#students
1.	Advanced data acquisition and control - LabVIEW	V	VI Solutions, Bengaluru	ECE & EEE	41
2.	Advanced Data Acquisition and Control	III	VI Solutions, Bangalore	EEE	24
3.	Denim and washing Technology	V	Sai Colours, Bhavani	Textile	63
4.	Weldability of materials	VII	BHEL, Trichy	Mech.	38
5.	ISO, HACCP, FoSTAG	VIII	ALS Testing service India Pvt Ltd.	FT	03
6.	Spray drying technology	VI	Moon Foods	FT & BT	01
7.	Effluent Treatment in dairy industry	IV, VI	Milky Mist	FT & CIVIL	01
8.	Energy Integration in Process Industries	VI	Thirumalai Chemicals Pvt Ltd	FT, Mech & MCT	01

One Credit Course Offered with Industry Support (2022-2023)

S.No.	Name the Course	Semester	Name of the Industry	Dept.	#students
1.	Welding Engineering	VI	BHEL, Trichy	Mech	38
2.	LoRA WAN Network Architecture	IV	Enthu Technology	ECE	20
3.	Advanced RPA Design and Development	VI	UiPath	AI&DS	53
4.	Reversible Textile Coloring	VI	Sai Colours, Bhavani	TEX	65
5.	IoT in Textile Industry	IV	KSRCT	TEX	65

6.	Food Product Development	V,VII	M/s. Moon Foods, Namakkal	BioTech	37
7.	Welding Processes	V	BHEL, Trichy	MECH	57
8.	Denim Technology	VII	Indigo Fusion, Bhavani	Textile	66

One Credit Course Offered by Industry (2021-2022)

S.No.	Name the Course	Semester	Name of the Industry	Dept.	#students
1.	50 EC SE01 & Long range(Lora) communication for IoT application	VII	Enthu Technology solutions Pvt. Ltd	ECE	36
2.	Kotlin Programming	IV,VI,VIII	Target Corporation India, Bengaluru	IT	42
3.	Apache Spark	VI,VIII	Yoktra automations Pvt. Ltd., Coimbatore	IT	39
4.	Advance Nano Fabrication Techniques	VII	Nopo Nanotechnologies	NST	31
5.	3D Organ Printing Techniques	IV	Space Time 4D printing Solutions – Kerala	NST	30
6.	Hands On Training In Electrochemical Studies	VI	Swab Nanosolutions	NST	32
7.	Food Product Development	IV & VI	M/s. Moon Foods Pvt., Ltd., Namakkal	BT	35