



K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215
An Autonomous Institution
(Approved by AICTE, New Delhi, Affiliated to Anna University & Accredited by NAAC (A++) & NBA)
K.S.R. Kalvi Nagar, Tiruchengode – 637 215
Namakkal District, Tamil Nadu

Industry – Institute Interaction Cell

List of Value Added & Industry Supported Courses Identified

DEPT	VAC / ISC
AUTO	AUTO CAD FUSION 360
AUTO	SOLIDWORKS
AUTO	CATIA
AUTO	ANSYS, CFD/ Piping Software
AUTO	Automotive Wiring Harness
AUTO	Body in White
AUTO	Heavy Engineering Sheet Metal & Casting Parts Design
AUTO	Interior and Exterior Trim
BME	MS Office
BME	Basic MATLAB
BME	SILAB
BME	PCB Design
BME	AutoCAD
BME	Matlab Interfacing with Sensors

BME	Arduino Raspberry PI
BME	Embedded System
BME	GAIT Analysis
BME	3D Printed Organs
BME	Augmented Reality (AR) and Virtual Reality (VR)
BME	AI in Diagnostics
BME	Biomedical Sensors
BME	AI Development Boards
CSE	C++
CSE	Building Ai app with LLM
CSE	Data Structures using Java, Advanced Java : Database connectivity
CSE	Mern Stack Developer with Java: React JsMongoDB, and Node JS
CSE	Advanced Excel, PowerBI, Tableau Data Analytics or Business Intelligence Tools
CSE	Software testing using Selenium automation
CSE	Create, Secure, and Publish APIs with IBM API Connect 10
CSE	LARAVEL (PHP,HTML,CSS, MySQL) & RUBY
CSE	Dev Ops: GIT (a version controlling tool), Jenkins, Docker
CSE	Full stack with Python

CSE	Networking CCNA
CSE	Professional Cloud Developer Learning Path (Beta Certification) (Google)
CSE	Deployment of LLM/GPT models in Cloud Scenario-AWS with Real time Problems
CSE	VM ware
CSE	Microsoft Certified: Azure Administrator Associate
CSE	Tableau Data Analyst
CSE-CS	Web Security
CSE	Network security
CSE	VAPT Engineer
CSE	IoT Pentester
CSE	Malware Reverse Engineer
CSE	Prompt Shielding
CSE	Blockchain Security
CSD	C++
CSD	Introduction to Python Programming
CSD	UI/UX Design
CSD	Full stack Development
CSD	Power Bi
CSD	1.Data Structures using Java, Advanced Java : Database connectivity, networking,

	Servlet, web-services
CSD	DevOps: GIT (a version controlling tool), Jenkins, Docker
CSD	.Mern Stack Developer with Java: React Js MongoDB, and Node JS
CSD	AI based IOT
CSD	Generative AI Tools & Natural Language Processing
CSD	AR and VR
CIVIL	Sketchup
CIVIL	Vastu Plan
CIVIL	REVIT
CIVIL	STAAD Pro
CIVIL	BIM
CIVIL	Rebar Cad
CIVIL	Tekla
ECE	Printed Circuit Board (PCB) Design
ECE	Wiring Harness
ECE	Embedded C / Industrial Automation
ECE	AI-IoT deployment on NVIDIA JETSON NANO Boards
ECE	Chip manufacturing & FPGA Development
ECE	Deep Learning for Product Development

EEE	Printed Circuit Board (PCB) Design
EEE	Wiring Harness
EEE	MATLAB Interfacing with hardware/Electric Vehicle Technology
EEE	Embedded C/ Industrial Automation
EEE	PLC & SCADA
EEE	Energy Management and Power Quality
IT	MS Office
IT	Email Etiquette
IT	Fundamentals of Networking (Computer Networks, Network Security)
IT	UI/UX Designer (HTML, CSS, JS& Bootstrap) Linux
IT	Advanced SQL (PL/SQL)&Devops
IT	Social media Web Analytics (Business Marketing in Social Media)
IT	Generative AI
IT	Data Science
IT	.MEAN Stack(Mango DB, Express, Angular JS, Node JS)
IT	Blockchain Technology
IT	Deployment of LLM/GPT models in Cloud Scenario-AWS with Real time Problems
IOT	Industry 4.0

IOT	Edge Computing & AI Integration in IoT
IOT	Medical IOMT
IOT	Block Chain & Distribute Leger Technology (BDLT)
IOT	HII (Human IoT Interaction)
IOT	IoT& Quantum Computing
IOT	Smart Farming
MECH	AutoCAD (Fusion 360)
MECH	SOLID WORKS
MECH	CATIA
MECH	ANSYS & CFD/ 3D Printing / Piping Software
MECH	PLM / AR & VR / BMS
MECH	GD & T / Interior & Exterior Trims / IOT
MECH	Automotive Wiring Harness
MECH	Heavy Engineering Sheet Metal & Casting Parts Design
MECH	AI for Mechanical Engineering
MECH	Drone Technology
SFE	Auto CAD
SFE	IOSH
SFE	NEBOSH

SFE	Lead Safety Auditor 45001Course
SFE	Environment 14001
SFE	Functional Safety Engineer - Semiconductor