



Sreenivasa Institute of Technology and Management Studies (SITAMS)
Murukambattu, Chittoor, Andhra Pradesh.

Department of AIML & ECE

Five days Workshop
On
“I-Robo : Intelligent Autonomous Robot”



Introduction:

An Intelligent Autonomous Robot is a type of robot that can perform tasks independently, without human intervention by utilizing advanced sensors to interact with its environment. These robots are designed to adapt to different scenarios, learn from experience, and make decisions based on real-time data. They can operate independently; making decisions and taking actions based on their programming or learned behaviour. These sensors help the robot detect obstacles, map its environment, and recognize objects or people. These vehicles can navigate roads and traffic without human intervention, using sensors to make driving decisions.

Workshop Contents:

- Introduction to Basic Electronics.
- Introduction about Arduino controller.
- Circuit connection.
- Program execution.
- Making line follower robot.
- Live Demo

Speaker's Details	:	Mr.Sanakiyan & Mr. Ramkumar, Zeekers technologies Pvt Ltd.,Coimbatore
Convenor	:	Dr. S.VijayaKumar, Professor & Head, Department of AIML, SITAMS.
Co-Convenor	:	Dr. C.Kavitha, Associate Professor & Head, Department of ECE, SITAMS.
Date	:	24-03-2025 to 28-03-2025
Venue	:	Offline- Lab 9
Target Audience	:	II & III Year Students
Organized by	:	Department of CSE (AI&ML) & ECE SITAMS
Coordinated by	:	Dr. S.VijayaKumar, Professor & Head, Department of AIML, SITAMS
Co- Coordinated by	:	Mr.P.C.Bharath Kumar, AP/ ECE, Mr. S.Narendra Kumar, AP/ ECE, Mr.D.Gowtham, AP/CSM, Mrs.D.Bharathi, AP/CSM.