

Skill Development Center(SDC) & Department of Electronics

present

Hands-on Learning on

ROBOTICS & AI

Interdisciplinary certificate course for skill development

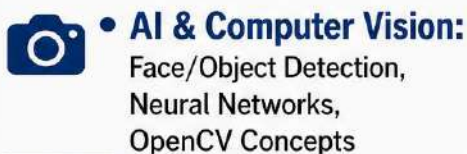
Duration: 48 Hours (24 Weeks / 6 months)

Structure: Theory & Hands on: 38 hours | Project: 10 hours

Associated with **Mechatrium**

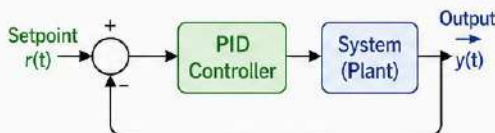
Empowering Young Minds Through AI & Robotics

CORE COMPONENTS



ADVANCED CONCEPTS

Control Systems: PID Control



Robotic Platforms:
Manipulators/Robotic Dogs



Human-Robot Interaction:
Gesture Control
Visualization



APPLICATIONS & INDUSTRY

Drones



Industry 4.0: Integration and Automation



Learning Methodology:
Emphasis on practical, hands-on learning



SKILLS DEVELOPED



Robotics



Embedded Systems & IoT



Programming (Python/C++)



AI/ML/DL



Computer Vision



Control Systems/PID



Project Development



Industry 4.0 Skills

Who can join? Regular/Pass out Science/Engg. Students
Robotics & AI Enthusiasts Remote Sensing Professionals
Software Developers & Programmers Innovators, Startups

Launch Date: 20th Nov, 2026

Course fees:
5000/- only

Contact Persons: Dr. Sutanu Dutta (9474976079) & Dr. Subhas Chandra Saha (7003103891)

<https://www.vidyasagar.ac.in/api/website/ViewNoticeFileByRef?fileRefId=2026090215462>