NEW CERTIFIED COURSE LAUNCH

বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

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

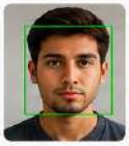
Associated with Mechatrium

Empowering Young Minds Through AI & Robotics

CORE COMPONENTS

- **Hardware:** Microcontrollers, Sensors, Robotic Arms & Actuators

- **AI & Computer Vision:** Face/Object Detection, Neural Networks, OpenCV Concepts

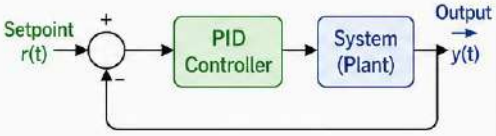


OpenCV

- **Programming:** Python, C++ Symbols

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

Pay to UPI ID

skilldevelopvu@ucobank

or Scan

Click this registration link

https://forms.gle/f7RUy3dF6aRNj3v28

Course fees: 5000/- only

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

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

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