

TRAINING REPORT

Faculty Training Program on UBTECH Cruzr Interactive Robot

Organized at:

Vidya Pratishthan's Sharadchandra Pawar Center of Excellence in Artificial Intelligence (VP SPCOE AI)

Training Date: 02 June 2026

Training Partner: I-Tech Robotics, Pune

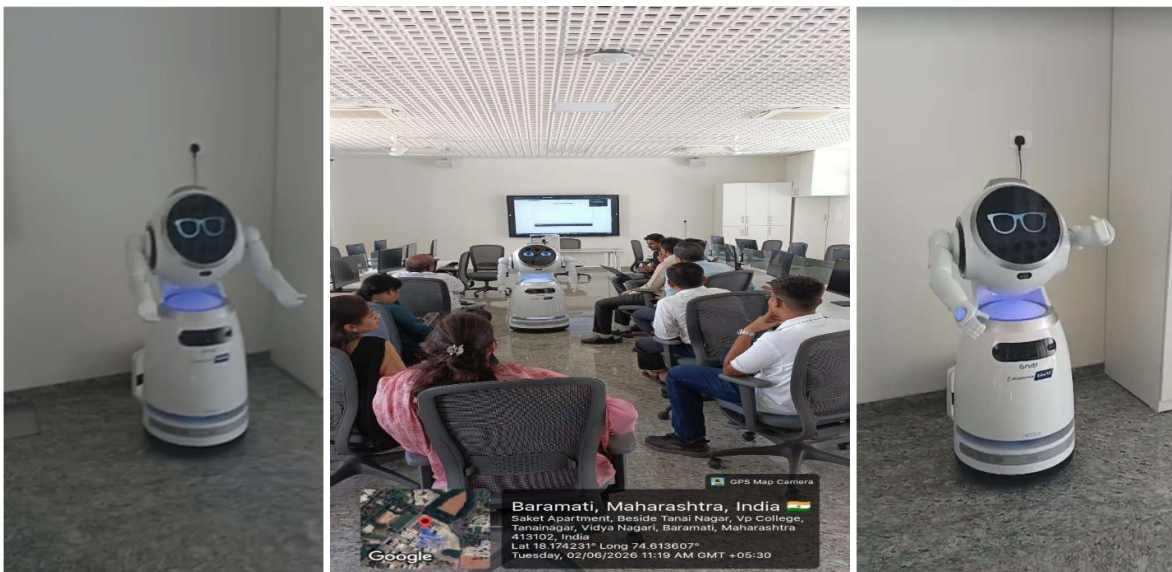
Trainer: Mr. Vedant Barguje

Robot Model: UBTECH Cruzr Interactive Robot

1. Introduction

Vidya Pratishthan's Sharadchandra Pawar Center of Excellence in Artificial Intelligence has recently procured the **UBTECH Cruzr Interactive Robot** to enhance learning, research, and visitor engagement through advanced robotics and artificial intelligence technologies.

To ensure effective operation and utilization of the robot, a faculty training program was organized on **02 June 2026** in collaboration with **I-Tech Robotics, Pune**. The training was conducted by **Mr. Vedant Barguje**, who provided detailed technical and hands-on guidance on the robot's features, configuration, operation, and applications.



2. Objectives of the Training

The objectives of the training program were:

- To familiarize faculty members with the UBTECH Cruzr Interactive Robot.
- To understand robot navigation and autonomous movement.
- To learn robot configuration and system management.
- To create interactive communication workflows.
- To understand AI-based human-robot interaction.
- To explore educational and institutional applications of the robot.
- To enable faculty members to independently operate and manage the system.

3. Training Sessions Conducted

Session 1: Introduction to Interactive Robotics

The trainer introduced participants to the fundamentals of service and interactive robots, their applications, and the role of AI in human-robot interaction.

Topics Covered:

- Overview of UBTECH Cruzr Robot
- Features and Specifications
- Applications in Education and Industry
- Human-Robot Interaction Concepts

Session 2: Robot Hardware and System Configuration

Participants were introduced to the robot's hardware architecture and system setup.

Topics Covered:

- Robot Components and Sensors
- Touchscreen Interface
- Camera and Audio Systems
- Battery Management
- Charging Procedures
- Safety and Maintenance Guidelines

Session 3: Navigation and Autonomous Operations

Hands-on training was conducted on robot movement and navigation capabilities.

Topics Covered:

- Map Creation
- Route Planning
- Autonomous Navigation
- Obstacle Detection and Avoidance
- Waypoint Configuration

- Location Management

Session 4: Interactive Communication Features

The trainer demonstrated the robot's communication and visitor interaction capabilities.

Topics Covered:

- Voice Interaction
- Speech Recognition
- Customized Greetings
- Information Delivery
- Visitor Guidance
- Interactive Presentations

Session 5: Application Development and Customization

Faculty members learned how to customize robot behavior according to institutional requirements.

Topics Covered:

- Task Scheduling
- Content Management
- Multimedia Integration
- Custom Interaction Scenarios
- Institutional Information Integration

4. Applications Demonstrated

The following applications were demonstrated during the training:

- Reception and Visitor Management
- Campus Information Assistance
- Student Guidance and Support
- Event Hosting and Announcements
- Department Information Delivery
- Interactive Presentations
- AI-Based Human-Robot Communication
- Smart Campus Engagement

5. Key Learning Outcomes

After completion of the training, participants were able to:

- Operate the UBTECH Cruzr Interactive Robot effectively.
- Configure navigation maps and routes.

- Manage autonomous movement functions.
- Customize interaction and communication workflows.
- Upload and manage multimedia content.
- Utilize the robot for visitor assistance and institutional promotion.
- Develop innovative educational and research applications using the robot.

6. Benefits to the Institution

The UBTECH Cruzr Interactive Robot will support:

- Smart Campus Initiatives
- Visitor Assistance and Reception Services
- Student Interaction and Guidance
- Institutional Branding and Promotion
- Robotics and AI Demonstrations
- Research and Development Activities
- Faculty and Student Training Programs
- Industry and Academic Events

7. Conclusion

The training program conducted on 02 June 2026 by **Mr. Vedant Barguje** from **I-Tech Robotics, Pune** successfully provided faculty members with comprehensive knowledge of the UBTECH Cruzr Interactive Robot and its applications.

The hands-on sessions enabled participants to understand robot operation, navigation, interaction design, and customization features. The robot is now ready to be deployed for smart campus services, visitor engagement, educational activities, and AI-based demonstrations at Vidya Pratishthan's Sharadchandra Pawar Center of Excellence in Artificial Intelligence.



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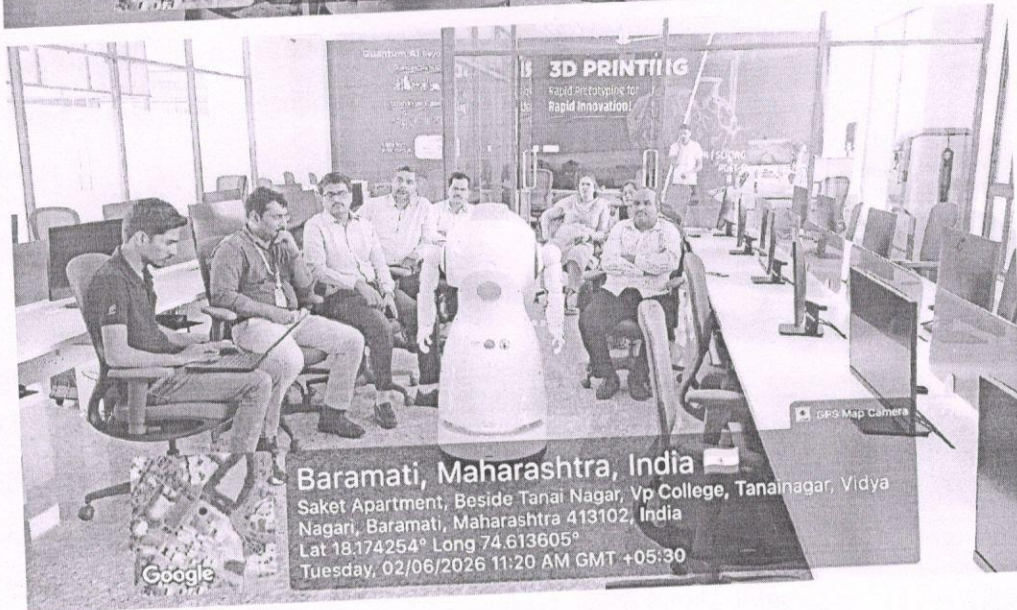


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