



Short-term value-added course on
“End to End Intelligent systems
development”

Training Completion Report

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Workshop Title: End to End Intelligent systems development

Dates: 17-08-2026 to 20-08-2026 & 24-08-2026

Venue: CoE-Robotics & PLC,PG Block

Mode: Offline

Target Audience: Engineering Students (Final year CSE)

No. of Participants: 52

Trainer: Ms. Sivaranjani, Centre Head(ESDM),CoE-Robotics & PLC
Mr.Naresh, Associate Trainer, CoE-Robotics & PLC

TRAINING OBJECTIVES

- Strengthen Python fundamentals
- Apply V-Model SDLC in projects
- Build GUIs with Tkinter
- Handle datasets with Pandas & NumPy
- Develop ML models with Scikit-learn
- Integrate ML into applications
- Add AI-based recommendations
- Perform testing & validation
- Deliver a complete capstone project

TOPICS COVERED

- Day 1: Python refresher + Requirement Analysis
- Day 2: System Design + Tkinter UI Development
- Day 3: Machine Learning & Model Development
- Day 4: ML Integration, AI & Testing
- Day 5: Capstone Project Demonstration

STUDENT PARTICIPATION



- Active engagement across all 5 days
- Hands-on coding & debugging sessions
- Real-time doubt resolution
- Collaborative project development
- Each participant completed a capstone project

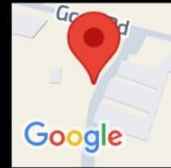
TRAINING SESSION GLIMPSES



Electrical And Electronics Block,
Maruddepalli, Tamil Nadu 635104,
India

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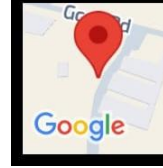
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National Highway 46, Maruddepalli,
Tamil Nadu 635104, India

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Tamil Nadu 635104, India

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HIGHLIGHTS

- **Active Student Engagement:**

Students showed high participation in coding and debugging exercises.

- **Peer Learning:**

Students assisted each other in logic building and error correction.

- **Practical Exposure:**

Direct experience with industry-standard PLC software.

- **Capstone Project assignment:**

Teams selected projects and developed & demonstrated it with V model.

OUTCOMES

- Students gained practical programming skills applicable in industrial automation.
- Improved problem-solving approach through real-time troubleshooting.
- Enhanced teamwork and collaboration.

CLOSING CEREMONY



FEEDBACK
COLLECTION SESSION



CLOSING REMARKS BY
RESOURCE PERSON

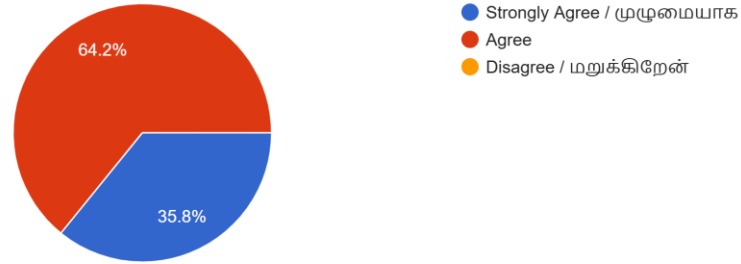


GROUP PHOTO WITH
PARTICIPANTS

FEEDBACK RECEIVED FROM PARTICIPANTS

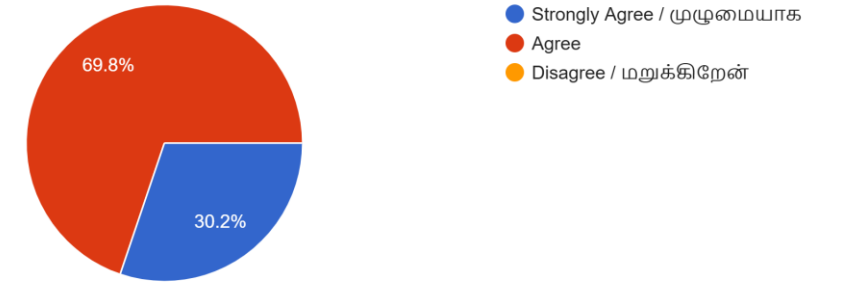
The objectives of the workshop were clearly defined. பயிற்சியின் நோக்கங்கள் தெளிவாக விளக்கப்பட்டன.

53 responses



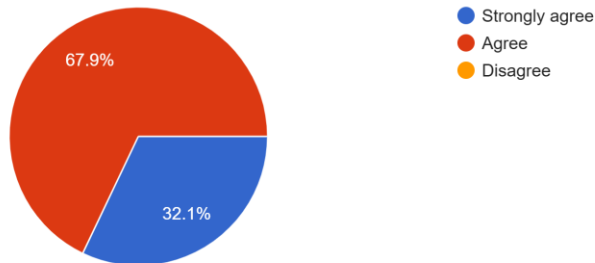
The content was relevant and easy to follow. பயிற்சியின் உள்ளடக்கம் பொருத்தமானதும், எளிமையானதும் இருந்தது.

53 responses



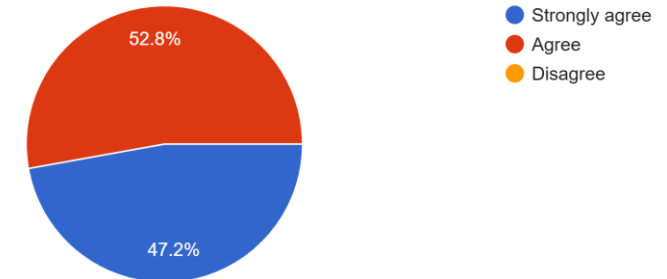
The hands-on activities helped in understanding the concepts better. நடத்தப்பட்ட அனுபவங்கள் கருத்துகளைப் புரிந்துகொள்வதில் உதவின.

53 responses



The resource persons were knowledgeable and clear in their explanations. வழிகாட்டுநர்கள் நுண்ணறிவும் தெளிவான விளக்கமும் வழங்கினர்.

53 responses



FEEDBACK RECEIVED FROM PARTICIPANTS

What did you like most about this workshop?

இந்த பயிற்சியில் மிகவும் பிடித்த விஷயம் என்ன?

53 responses

The way she taught

N8n automation of email

I learned a lot of things related to project

I learned a project management lifecycle and this i developed projects

End to end Creation of a Platform by using the SDLC ,and using project management cycle

Learn ML predictions and model development

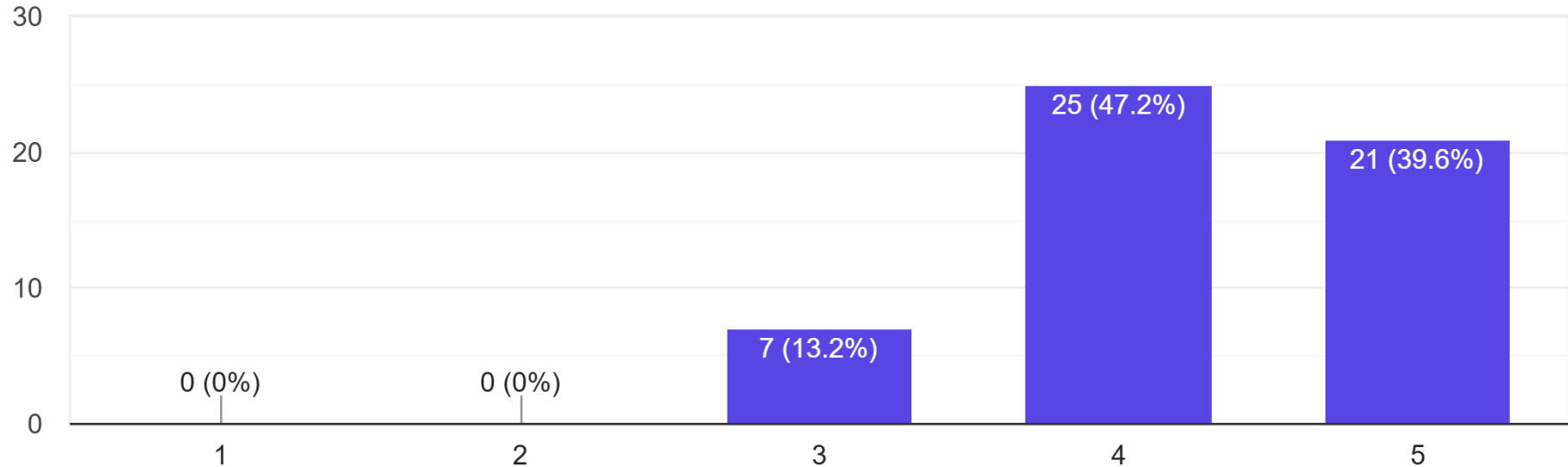
Good

To learn multiple ml model design and implementation then ai integration

Executing phase

FEEDBACK RECEIVED FROM PARTICIPANTS

Rate the overall experience: மொத்த பயிற்சி அனுபவத்திற்கு மதிப்பீடு அளிக்கவும்:
53 responses



FEEDBACK RECEIVED FROM PARTICIPANTS

One word to describe about the trainer

53 responses



GROUP PHOTO



THANK YOU

Heartfelt thanks to

