

**A Report on Five-day Faculty Development Program on
“Microsoft Azure AI Engineer Associate” Organized by
Department of CSE- Artificial Intelligence & Machine Learning
in association with ICT Academy
from 07.04.2025 to 11.04.2025**



Event Coordinators: Mr. BSH. Shayeez Ahamed, Assistant Professor, Department of CSE-AI &ML; Mr. V. Sivaraman, Assistant Professor, Department of CSE-AI&ML.

Resource Person Details: S. Rajalakshmi, Senior Data Scientist, Strydo Technologies. Pvt. Ltd., Vellore.

Number of Participants: 29 (19 Internal +10 External)

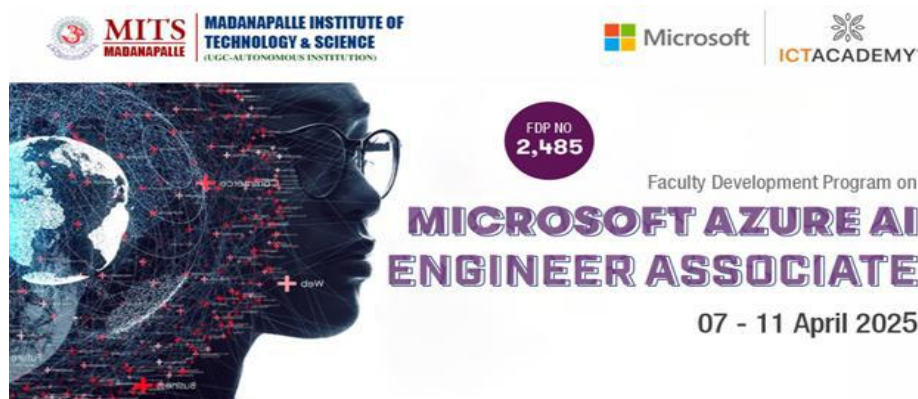
Venue and Time: Scaleup Classroom and 10:00 AM to 5:00 PM

Mode of Conduct: Offline

Report Received on 17.04.2025.

The Department of Computer Science and Engineering (AI and ML) organized a five-day Faculty Development Program (FDP) titled “Microsoft Azure AI Engineer Associate” in collaboration with ICT Academy. The program was held offline from April 7 to April 11, 2025.

The inaugural session began at 10:30 AM with the participation of 29 faculty members, including 10 external attendees. Mr. BSH. Shayeez Ahamed, Assistant Professor in the CSE (AI and ML) department, welcomed the gathering and introduced the resource person, Mrs. S. Rajalakshmi from Strydo Technologies Pvt. Ltd., while also giving an outline of the FDP agenda. He also extended a warm welcome to Mr. M. Nageswariaah, the ICT Academy coordinator.

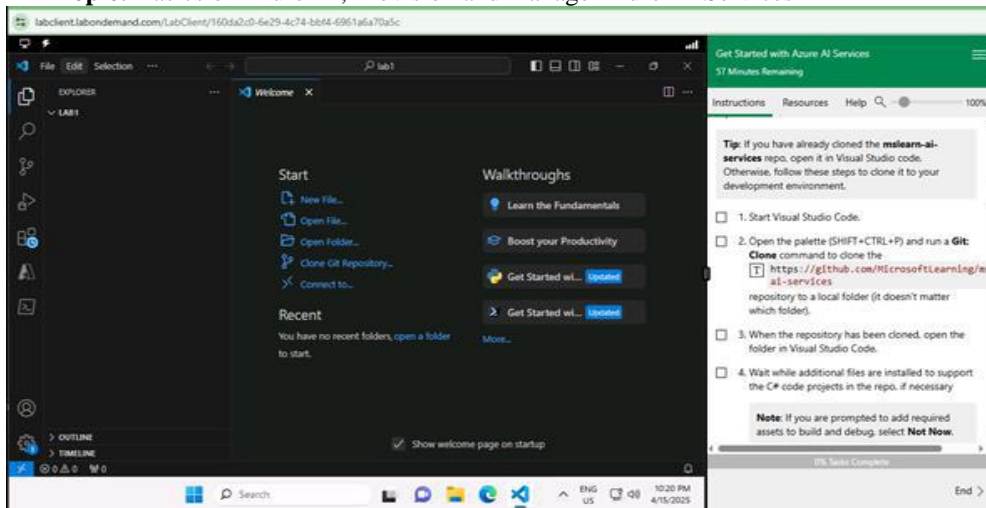


Following this, Dr. S. Padma, Head of the Department, delivered a cordial welcome address emphasizing the importance of the FDP and the growing relevance of Artificial Intelligence in the modern world. Dr. P. Ramanathan, Vice Principal (Academics), delivered a felicitation address, lending prestige to the occasion and urging participants to actively engage and benefit from the learning experience.

Day-1 (07.04.2025)

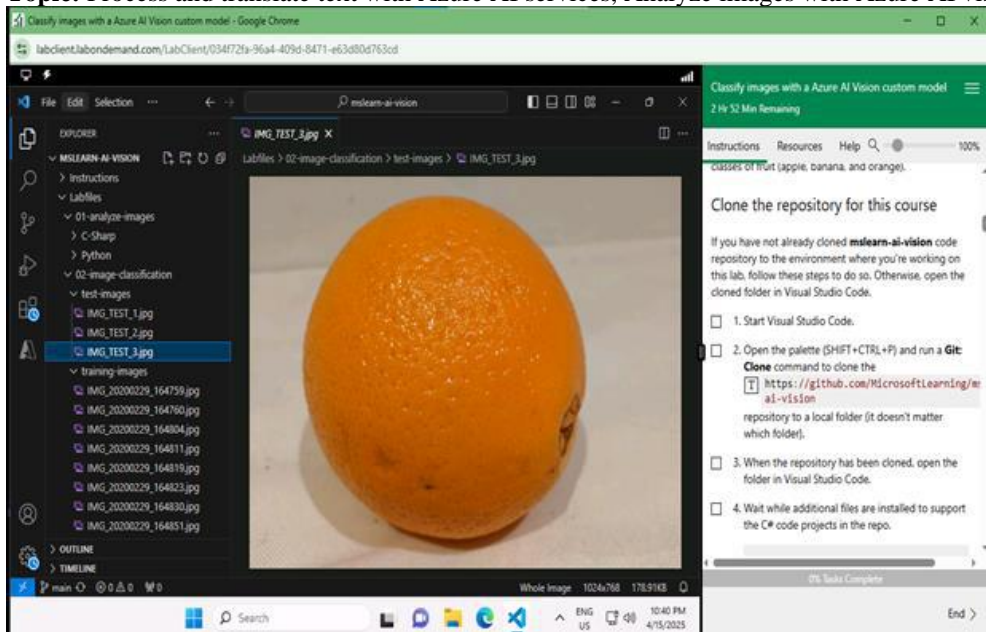
- Session -1

Topic: Basics of Azure AI, Provision and manage Azure AI Services



- Session-2

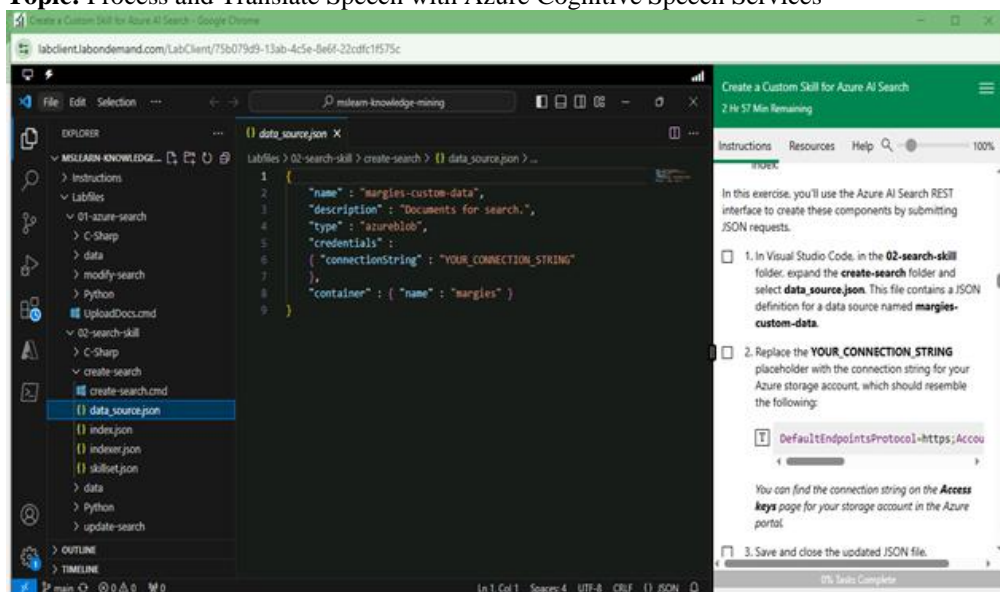
Topic: Process and translate text with Azure AI services, Analyze images with Azure AI vision



Day-2 (08.04.2025)

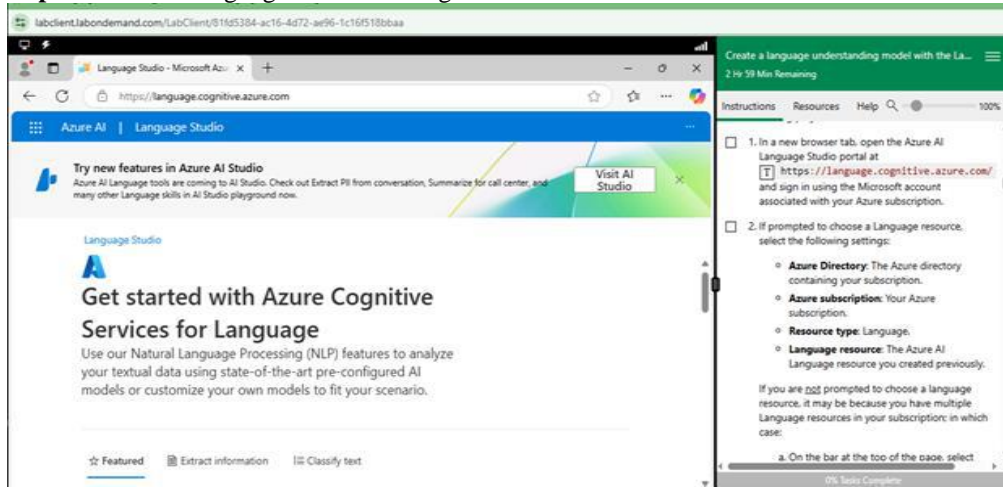
- Session -1

Topic: Process and Translate Speech with Azure Cognitive Speech Services



- Session-2

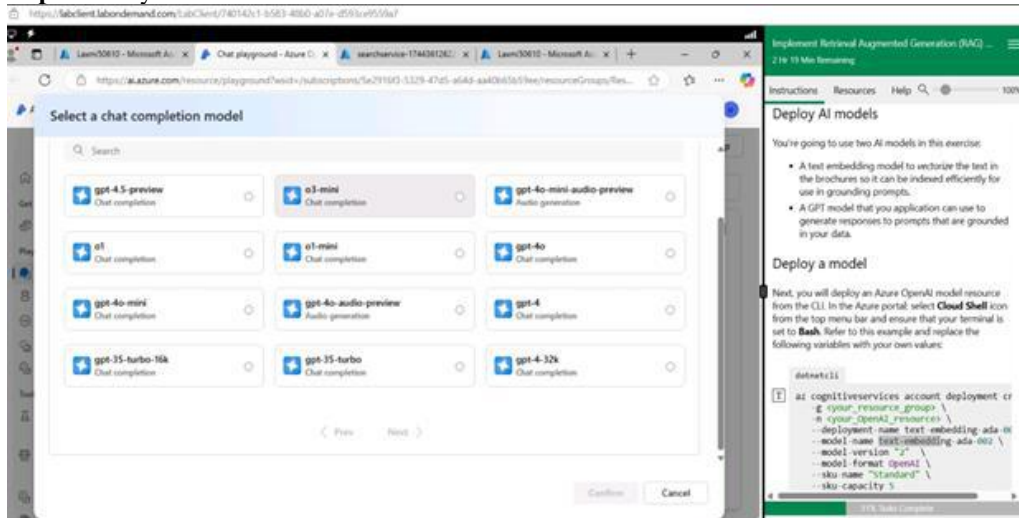
Topic: Create a Language Understanding solution



Day-3 (09.04.2025)

- Session -1

Topic: Analyze text



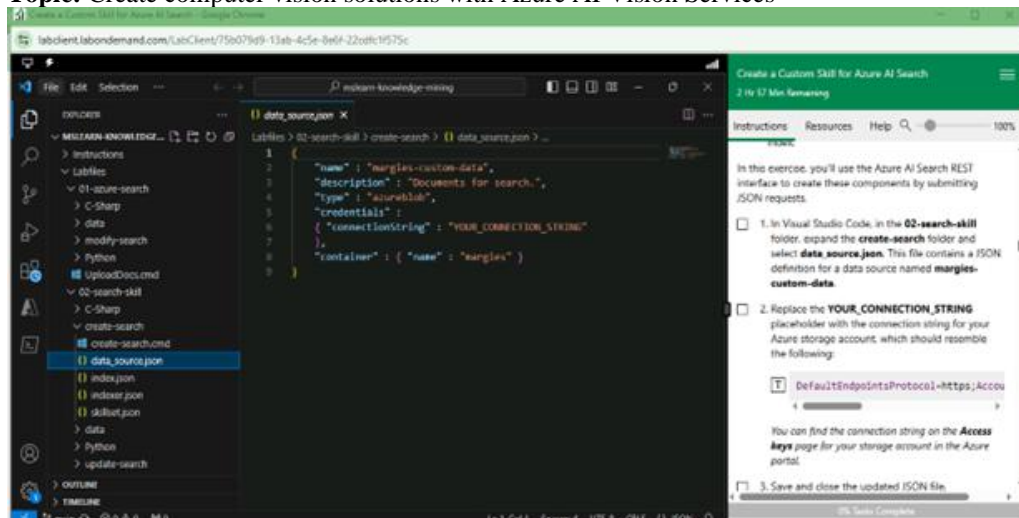
- Session-2

Topic: Create a question answering solutions

Day-4 (10.04.2025)

- Session -1

Topic: Create computer vision solutions with Azure AI Vision Services



- Session -2

Topic: Build natural language solutions with Azure OpenAI Services

Day-5 (11.04.2025)

- Session -1

- Topic:** Extract text from images and documents



1. Manage Azure AI Services
2. Develop Speech and Language Understanding Applications
3. Implement Computer Vision Solutions
4. Utilize Azure OpenAI Capabilities
5. Extract and Analyze Text from Visual Inputs

1. SDG 4 – Quality Education
2. SDG 8 – Decent Work and Economic Growth
3. SDG 9 – Industry, Innovation, and Infrastructure
4. SDG 11 – Sustainable Cities and Communities
5. SDG 17 – Partnerships for the Goals

[illegible]