

NEW HORIZON COLLEGE OF ENGINEERING

INFORMATION SCIENCE AND ENGINEERING

in association with

SKILL DEVELOPMENT CENTRE

POST EVENT REPORT

1. Basic Details

Title of the Programme: A Hands-On Gen AI Workshop on “Building GenAI Applications using LangChain and Ollama”

Category: Technological Advancements

Date: 27.09.2025

Time: 9.30 AM to 1 PM

Venue / Mode: ISE Lab4 , C Block / Offline

Organizing Department / Unit: Information Science and Engineering

Coordinator : Dr. J Karthiyayini

Target Audience: Faculty Members

Number of Participants Attended:

Teaching Staff: 33

2. Objective of the Programme

To provide participants with practical skills to build GenAI-powered applications using LangChain and the open-source Ollama LLM, focusing on local deployment, customization, and integration.

The workshop emphasizes:

- **Local deployment:** Running LLMs efficiently on local systems for privacy, control, and cost-effectiveness.

- **Customization:** Fine-tuning and adapting models to specific use cases or organizational needs.
- **Integration:** Seamlessly connecting LLMs with external data sources, APIs, and applications to build end-to-end GenAI solutions.

3. Resource Person(s) Details

Name	Designation	Affiliation / Organization
Dr. Sivabalan N	Data Integration Specialist	NTT DATA

4. Summary of Sessions / Activities Conducted

Session No.	Topic / Activity	Resource Person	Highlights
1	Hands on Gen AI Workshop	Dr. Sivabalan N	GenAI Application using Lang chain and Ollama

5. Participant Feedback (Summary)

Based on the participants' feedback, they found the hands-on workshop highly useful and enriching. They have expressed interest in continuing with an advanced or next-level workshop to further enhance their knowledge and skills on this same workshop as series-2.

6. Outcomes of the Programme

The workshop successfully enabled participants to:

- Understand the concepts and workflow of LangChain for GenAI application development.
- Gain hands-on experience in deploying and running the Ollama LLM locally.
- Explore methods for customizing LLMs to meet specific requirements.
- Learn techniques for integrating GenAI models with external data sources, APIs, and applications.
- Develop practical skills to design, implement, and test real-world GenAI-powered solutions.

- Enhance their ability to apply GenAI tools effectively in academic, research, and professional contexts.

7. Photographs / Screenshots



HoD-ISE Welcoming the Resource Person



Resource Person Discussion





Participant's Interaction with Resource Person during hands on session

8. Budget Utilization Summary (if applicable)

Sl. No	Item	Amount Spent (₹)
1	Renumeration	Rs. 4500/-

10. Submitted by:

Name of Coordinator: Dr. J Karthiyayini

Designation: Senior Assistant Professor

Department: Information Science and Engineering

Date of Submission: 27.09.2025