

ONLINE SHORT-TERM TRAINING PROGRAM ON LARGE LANGUAGE MODELS

(29 JUNE, 2026 - 9 JULY, 2026)

HIGHLIGHTS

- 10-days workshop
- 2 hours per day
- Hands-on experience with Python
- Real-world projects
- Online mode
- No class on special days
- Video recordings will be available
- E-certificate of participation



Program Coordinators

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COURSE CONTENT

- Introduction to Artificial Intelligence, Machine Learning, Deep Learning and NLP Evolution
- Fundamentals of NLP: Tokenization, Embeddings, Word2Vec
- Transformer Architecture: Self-Attention, Multi-Head Attention, Positional Encoding
- Large Language Models: GPT, BERT, T5, LLaMA, PaLM – Architectures and Working Principles
- Pretraining and Fine-tuning of LLMs, Instruction Tuning, RLHF
- Prompt Engineering Techniques and Chain-of-Thought Prompting
- Retrieval-Augmented Generation (RAG), Vector Databases and Knowledge Grounding
- Multimodal LLMs, Vision-Language Models and AI Agents
- Hands-on with Open-Source LLMs using Hugging Face, LangChain and Ollama
- LLM Applications in Healthcare, Education, Research and Industry + Ethical Issues and Future Directions

PROJECTS

- AI chatbot using Open Source LLM
- Research Paper summarizer
- Document Question Answering System using RAG
- Personalized teaching assistant

REGISTRATION LINK

<https://forms.gle/HZRY3sPsL6ETboGV8>

Registration Fee	₹1000/-
Prerequisite	Machine Learning Course
Who can register?	UG, PG, PhD students, Faculty, and Industry experts
Deadline	26th June 2026

ACCOUNT DETAILS

Account Number	62266262236
Account Name	Director Research Account
Bank Name	State Bank of India
Branch	NIT Warangal
IFSC Code	SBIN0020149

Note: We may close the form early if the allocated number of registrations is reached.