Registration Details

REGISTRATION LINK

Online registrations should be done by the following link

https://forms.gle/7XCqZVD8ojS8mmDi8

REGISTRATION FEES :

Rs. 250/- (for Non-ISTE Member)
Rs. 200/- (for ISTE Member)

QR CODE :

PAYMENT MODE :

Phone Pay/ Google Pay/ UPI
Mobile No: 9561634575

ACCOUNT NAME :

Shubhangi Ashish Gulhane

1. All the participants must fill in the registration form.
2. The Participants who have registered and attend all the sessions will get a Certificate.

CHIEF PATRON

Hon. Shri. Jagdishji M. Gupta
President, Sipna Shikshan Prasarak Mandal, Amravati

PATRON

Dr. S. M. Kherde
Principal, Sipna College of Engineering & Technology, Amravati

CONVENER

Dr. P. A. Tijare
Head Department of Artificial Intelligence (AI) and Data Science

COORDINATOR

Dr. G. S. Thakare
Associate Professor Department of Artificial Intelligence (AI) and Data Science

CO-COORDINATOR

Dr. J. S. Karnewar
Assistant Professor Department of Artificial Intelligence (AI) and Data Science

Organizing Committee

- Mr. D. C. Dhanwani
- Ms. Swati S. Deshmukh
- Ms. Sayali S. Deshmukh
- Ms. S. A. Gulhane
- Ms. P. S. Pawar
- Ms. D. R. Gadbail

Advisory Committee

- Dr. N. N. Kasat
- Dr. S. S. Dhande
- Dr. A. B. Deshmukh
- Dr. Y. S. Khandekar
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Sipna Shikshan Prasarak Mandal's

SIPNA

COLLEGE OF ENGINEERING & TECHNOLOGY, AMRAVATI

(An Autonomous Institute)

Approved by AICTE, New Delhi
Affiliated to Sant Gadge Baba Amravati University, Amravati
Accredited with A+ grade by NAAC and An ISO 9001:2015 Certified Institute

AICTE - ISTE Approved (Self Financed)

(ISTE/Proceedings/FDP/STTP-SP-MAH098/2026-27/342)

One-Week Offline Faculty Development Program

on

Agentic AI And AI Tools For Productivity



Mon. 30th November 2026 to Sat. 05th December 2026

Organized by

Department of Artificial Intelligence (AI) and Data Science

About the Institute

Sipna Shikshan Prasarak Mandal, established in the year 1995, aims at imparting higher & technical education to the people of the region. Since its inception, Sipna Shikshan Prasarak Mandal has been successfully running under-graduate and post graduate courses in emerging areas to provide need based contemporary education. Sipna College of Engineering & Technology was established in 1999 to provide quality professional & technical education to the students of the region and around, seeking various undergraduate, post graduate engineering courses, management & research programs. These courses are approved by AICTE, New Delhi, Government of Maharashtra and affiliated to Sant Gadge Baba Amravati University, Amravati (M.S.). National Assessment & Accreditation Council (NAAC) accreditation is another feather in the cap for the institution and it has received an 'A+' Grade. Sipna College is mentee Institute of College of Engineering, Pune (COEP) under the Margdarshan Scheme of AICTE.

About the Department

The Department of Artificial Intelligence (AI) and Data Science, established in 2024, is committed to advancing education and innovation in the rapidly evolving fields of AI and data science. With an annual intake of 120 students for the B.Tech. program, the department provides a comprehensive curriculum that emphasizes both theoretical foundations and practical applications. The program focuses on key domains such as Machine Learning, Natural Language Processing, and Computer Vision, empowering students to develop intelligent systems capable of learning from data, understanding human language, and interpreting visual content. In addition, students gain in-depth knowledge of data science methodologies, including Data Mining and Big Data Analytics, essential for deriving insights from complex datasets.

About the FDP

This AICTE-ISTE approved Faculty Development Program (FDP) intends to conduct faculty trainings on "Agentic AI and AI Tools for Productivity" to enable faculty members in the field of technical education to introspect and learn techniques that can help to prepare students for active and successful participants in a knowledge society. This course is specially designed for the faculties of Engineering Institutions and Polytechnique Institutes to explore them with the development in the area of this field. The resource persons from Industries and Academic Institutions of National repute will deliver the sessions along with hands-on practice using AI tools. Agentic AI is a type of artificial intelligence technology that can produce various types of content, including text, imagery, audio and synthetic data. The recent buzz around Agentic AI has been driven by the simplicity of new user interfaces for creating high-quality text, graphics and videos in a matter of seconds. The rise of Agentic AI also breeds innovation, paving the way for new business models and applications. So, join this transformative learning program to create new digital future with Agentic AI.

Objectives of the FDP

1. To build practical skills in ML, NLP, Deep Learning and Neural Network with modern AI applications and familiarize faculty with AI powered tools and techniques.
2. To expertise in Agentic AI and LLM fundamentals including architecture training and capabilities and enable participants to develop applications using prompt engineering and model APIs.

Resource Person

Experts from IT Industry and Academia.

Target Audience

Faculty members of UGC / AICTE recognized Universities, Engineering and Polytechnic Colleges from all over India.

Schedule of the FDP

Day-1:	ML, NLP and Deep Learning Foundations
10.30 am - 11.30 pm	**Inauguration**
12.00 pm - 02.00 pm	Overview of AI&ML, NLP, Deep Learning, Neural Neworks (NN), TensorFlow.
02:30 PM - 5:30 PM	Hands on: Build and train a simple NN.

Day-2:	Generative AI and Large Language Models
10.30 am - 12.00 pm	Generative AI, LLM fundamentals.
12.30 am - 02.00 pm	LLM APIs and model interfaces.
02.30 pm - 05.30 pm	Hands-on: Python-based LLM application

Day-3:	LLM Application Development and RAG
10.30 am - 12.00 pm	LLM application architecture.
12.30 am - 02.00 pm	RAG architecture: indexing, retrieval, context construction and generation.
02.30 pm - 05.30 pm	Hands-on: Build a RAG assistant over research papers or course materials.

Day-4:	AI Tools for Education, Teaching and Productivity
10.30 am - 12.00 pm	Introduction to AI in education.
12.30 am - 02.00 pm	Gamma AI, Napkin AI, Quiz AI, Integrating AI tools into teaching and learning.
02.30 pm - 05.30 pm	Hands-on: Creating AI-assisted teaching resources using subject content.

Day-5:	Agentic AI and Building AI Agents
10.30 am - 12.00 pm	Agentic AI agent architecture.
12.30 am - 02.00 pm	Connecting an agent to a RAG application
02.30 pm - 05.30 pm	Hands on capstone: Build a basic agent for an academic or engineering use case.

Day-6:	Assessment.
09.30 pm - 10.30 pm	Assessment (Multiple Choice Objective Questions Test) based on FDP.
10.00 pm - 11.00 pm	**Valedictory**