

ABOUT MGIT

Mahatma Gandhi Institute of Technology (MGIT) has experienced rapid growth since its establishment in 1997 by the Chaitanya Bharathi Educational Society (CBES) in the serene and tranquil surroundings of Gandipet, Hyderabad. The institute is accredited by NAAC with A++ grade for a period of 5 years w.e.f 23rd Nov 2023. MGIT has obtained academic Autonomous status by UGC for 10 years from the academic year 2021-22 and all the Departments of the Institute have been accredited by NBA, New Delhi.

The Institute has been consistently ranked among the top 10 Engineering Colleges in Telangana State. In its two decades and more of its evolution, all the stake holders of the Institute, relentlessly endeavoured to position MGIT as a Leader and an Innovator in the ecosystem of technical education. The Institute has established excellent Infrastructure such as state-of the art laboratories, spacious library with a collection of printed and digital books & journals, sports & hostel facilities along with Infrastructure for extra and cocurricular engagements, in pursuit of academic excellence. MGIT has scaled greater heights in Research & Innovation and made its mark in Industry and in academia.

ABOUT IT DEPARTMENT

The Department of Information Technology at MGIT was established in 1997 with an annual intake of 60 students. It has 21 qualified faculty members, including two professors, one associate professor, and eighteen assistant professors, supported by experienced non-teaching staff. Currently, the department has six Ph.D. holders and ten faculty members pursuing their Ph.D

The department boasts well-equipped independent laboratories, providing facilities for students to learn emerging technologies such as Data Analytics, Data Mining, IoT, AI, Machine Learning, and Open-Source Technologies. Faculty members are engaged in AICTE-sanctioned research projects. Students participate in various clubs and professional chapters like ASME, ISTE,EEE, and the Innovation Club, showcasing their skills through product development and organizing workshops, seminars, and conferences. Our graduates are highly sought after by employers due to our hands-on curriculum, excellent labs, and strong industry connections..

Purpose of the GENAI

To empower engineering students with hands-on, real-world GenAI experience by guiding them through AI systems, workflows, and automation projects that are directly aligned with high-paying AI job roles and industry certifications.

objective of the GENAI

- Equip participants with project-ready skills in GenAI, RPA, and Automation.
- Guide students in completing end-to-end industry-grade AI projects.
- Prepare students for multiple international certifications (IBM, Microsoft, Databricks, UiPath, etc.).
- Promote cross-domain applications using Computer Vision, NLP, Voice AI, and Quantum Computing.
- Develop confidence in real-world deployments, no-code platforms, and full-stack integration..

About the GENAI

Generative AI refers to a class of artificial intelligence systems that can create new content—such as text, images, audio, code, or video—by learning patterns from existing data. Using advanced models like large language models (LLMs) and generative adversarial networks (GANs), GenAI can produce human-like text, realistic graphics, and innovative designs.

In education, industry, and research, GenAI is transforming workflows by enabling faster prototyping, personalized experiences, creative problem-solving, and automation. Its applications range from chatbots and design tools to drug discovery and data simulation, making it a powerful tool for innovation in the digital era.

Outcomes of the GENAI

- Build and deploy a real-time AI-driven Notification System.
- Understand and implement Cloud + API + No-Code integrated systems.
- Hands-on experience with deep NLP and DL pipelines.
- Practical implementation of real-time computer vision systems.
- Teachable Machine hands-on classification project experience.
- Expertise in facial recognition and emotion detection.
- Practical IoT and wearable integration.



Department of Information Technology organizes One-Week Hands-on workshop on “Mission GENAI Ascend :From IT Infra to Intelligent Automation” 18th - 22nd August 2025

CHIEF PATRONS

Smt. Neelayyagari Padma, Chairperson CBES.
Sri. J Pratap Reddy, Secretary, CBES.

PATRONS

Prof. G ChandraMohan Reddy, Principal, MGIT.
Prof. K Sudhakar Reddy, Vice Principal , MGIT.

FACULTY COORDINATORS

Dr. D. Vijaya Lakshmi., Prof.& Head, Dept. of IT
Dr. M. Rudra Kumar, Professor, Dept. of IT.

FACULTY CO-COORDINATORS

Dr.U.Chaitanya, Assistant Professor, Dept. of IT.
Mr. B. Lokesh, Assistant Professor, Dept. of IT.
Mr. B Tulasi Das, Assistant Professor, Dept. of IT.
Ms. A. Amulya, Assistant Professor, Dept. of IT.

RESOURCE PERSONS

Mr. Uma Desu, Cheif Aritificial Intellegence officer
GENAI Pioneer.

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