

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 Three professors 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 program

To equip students, faculty, and IT aspirants with practical knowledge of Cyber Security and Ethical Hacking through hands-on training in security tools, attack simulations, and defense techniques. The program aims to bridge the gap between academic learning and real-world cyber threats, enabling participants to safeguard digital systems and build careers in the cyber security domain.

objective of the program

- Provide fundamental and project-ready skills in Cyber Security and Ethical Hacking.
- Introduce participants to cyber threats, vulnerabilities, and attack methodologies.
- Train learners in ethical hacking tools such as Kali Linux, Metasploit, and Wireshark.
- Develop skills in network security, system security, and web application security.

About the program

Cyber Security and Ethical Hacking is an industry-oriented program designed to familiarize participants with modern cyber defense mechanisms and ethical intrusion practices. Cyber Security focuses on protecting computers, networks, programs, and data from unauthorized access, attacks, and damage. Ethical Hacking involves legally testing systems to identify security weaknesses before malicious hackers exploit them. The program covers key areas including Network Security, Web Security, Malware Analysis, Cryptography, Penetration Testing, Digital Forensics, and Security Operations.

Outcomes of the program

- Ability to understand and identify cyber threats and vulnerabilities.
- Hands-on experience with ethical hacking and penetration testing tools.
- Skills to secure networks, systems, and web applications.
- Practical knowledge of vulnerability assessment techniques.
- Understanding of malware, phishing, and social engineering attacks.
- Capability to implement security best practices and defense strategies.



Department of Information Technology Organizes **One-Week workshop on “Cyber Security and Ethical Hacking” In association with Supraja Technologies vijayawada** **16th - 20th February 2026**

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.
Dr.A.Nagesh, Professor, Dept. of IT.

FACULTY CO-COORDINATORS

Dr. N Sree Divya, Assistant Professor, Dept. of IT.
Mr. Bapanapalli Lokesh, Assistant Professor, Dept. of IT.
Ms. M. Varalakshmi, Assistant Professor, Dept. of IT.
Ms. A Amulya, Assistant Professor, Dept. of IT.
Ms. Shaik Arshiya jhulma, Assistant Professor, Dept. of IT.

Technical Support

Mr.mallikharjun-Assistant Programmer

RESOURCE PERSONS

✉ Team from supraja Technologies vijayawada
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