



**MAHATMA GANDHI
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana - 500075. www.mgit.ac.in

Affiliated to



Re-accredited by



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YEARS

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Organizing
One Week Online Faculty Development Programme
on

RECENT TRENDS IN INTERNET OF THINGS (IoT)

06th – 10th June, 2022

☞ No Registration Fee

☞ Link to Register: <https://tinyurl.com/yckmy734>

☞ Last Date for Online Registration: **05th June, 2022**

☞ Link to join FDP Telegram / WhatsApp group: <https://chat.whatsapp.com/Hz2fNcOHAY1A2UUjhlUio9>

ABOUT THE INSTITUTE

Mahatma Gandhi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in the state of Telangana. MGIT is affiliated to Jawaharlal Nehru Technological University, Hyderabad. The institute has received accreditation for six UG programs, three times from National Board of Accreditation, New Delhi. The Institute is also accredited by NAAC with 'A' grade. Starting from academic year 2021-2022. MGIT is conferred with Autonomous status for 10 years by UGC, New Delhi. The institute offers instruction in eleven Undergraduate Programs: Computer Science & Engineering, Information Technology, Electrical & Electronics Engineering, Electronics & Communication Engineering, Mechatronics, Civil Engineering, Mechanical Engineering and Metallurgical & Materials Engineering and also in emerging technological areas like Computer Science and Business System, Computer Science and Engineering (Artificial Intelligence and Machine Learning) and Computer Science and Engineering (Data Science) and seven PG programs. The institute has received MHRD's NIRF-2022 Ranking in the rank band: 251-300.

ABOUT THE DEPARTMENT

The department of Electronics & Communication Engineering was started in the year 2000 with a vision to mould competent Electronics and Communication engineers with sound theoretical and practical knowledge, working for the betterment of Humankind. The department has excellent infrastructure facilities, laboratories and the Department has forty well experienced & qualified faculty supported by dedicated technical staff. The Department has R&D and project lab. The department has successfully completed AICTE sanctioned research project (RPS) & FDP. The department of Electronics & Communication Engineering regularly organizes National level technical events and seminars.

ABOUT THE FDP

The Faculty Development Programme (FDP) titled "Recent Trends in IoT" aims at equipping teachers/participants with latest technology, skills and knowledge in field of IoT and embedded systems. This FDP will help in bringing together researchers from academia and industry on recent trends and various cutting-edge research areas in the field of Internet of Things, Embedded Systems, Intelligent Computing, Soft Computing, Optimization, Communication, and Hardware interfaces to smart sensors. The FDP Hands-on session will address the engineering and key requirements for industry automation. This programme includes the sessions focused on

technologies, techniques and applications with intent to foster the exchange of knowledge and ideas between experts & participants. The objective of the FDP is to impart in-depth knowledge in the field of Embedded Systems Design and its Applications for IoT. Considering the high-rate growth of IoT technologies, and the significant increment in the number of the connected devices, a detailed study of the IoT systems, architecture, challenges, applications, protocols, and market requirements will be discussed. Sessions will be also focused on programming and hands-on using microcontrollers, Arduino-NodeMCU and Raspberry-Pi.

ADVISORS

Mr. J. Pratap Reddy, Secretary & Correspondent, MGIT
Prof. K. Jaya Sankar, Principal, MGIT

CONVENOR

Dr. S. P. Singh, Professor & Head, ECE

CO-CONVENORS

Mr. B. Kesava Rao, Asst. Professor, ECE, Contact No: 9492924505
Mr. K. Bapayya, , Asst. Professor, ECE, Contact No: 9912565721
Mr. D.V.S.Nagendra Kumar, Asst. Professor,ECE, Contact No: 9849953764

RESOURCE PERSONS

Dr. Anupam Sharma, Outstanding- Scientist, DSP, DRDO, Hyd.	Dr. S. Nagender, Professor, HCU
Dr. Aniket Pingley, IIIT Nagpur	Mr. Umang Kejriwal, Finland Labs
Mr. T. Chandrashekar, CTO, Pyro Telecom	Mr. R. Raj Kumar, Vi solutions, Bangalore
Dr. S. P. Singh, HoD, ECE, MGIT	Mr. B. Kesava Rao, Asst. Professor, ECE, MGIT
Prof. Durgesh Mishra, Director, SAIT, Indore	Mr. K. Bapayya, , Asst. Professor, ECE, MGIT