

About Universities

GMRITDU: Established in 1997, GMR Institute of Technology has grown steadily with a strong focus on academic excellence and ethical values, earning wide recognition for its quality education and consistent performance. In January 2026, it was notified as a Deemed to be University sponsored by GMRIT Foundation (section 8 Company) under Section 3 of the UGC Act, 1956, by the Ministry of Education, Government of India. GMRITDU provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real-world experiences. All UG programs are accredited by NBA and the institute is accredited by NAAC with 'A' grade. In the NIRF-ranking GMRIT was placed in the band of 201-300 for the years 2024 and 2025. GMRITDU has gained international recognition through its inclusion in the Times Higher Education (THE) World University Rankings.

NIT-Warangal: National Institute of Technology Warangal (NIT-Warangal), established in 1959, is one of India's leading engineering institutions and the first Regional Engineering College in the country. Recognized as an Institute of National Importance, it is known for academic excellence, innovative research, vibrant campus life, and excellent placement opportunities. The institute offers diverse programs in engineering, sciences, management, and humanities, supported by modern infrastructure and experienced faculty. With strong industry collaborations, active student communities, and renowned festivals like Spring Spree and Technozion, NIT Warangal continues to nurture future engineers, innovators, entrepreneurs, and leaders.

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Dr. Deepak Ranjan Nayak, Assistant Professor, Department of Computer Science & Engineering, MNIT, Jaipur
Topic: Generative AI Models and Their Real-World Applications

Dr. Harish Sahu, Scientist 'F' SAG DRDO, Delhi
Topic: Quantum Computing for AI and Information Security

Dr. Saikat Basu, Senior Specialist – Research at LTM Research
Topic: Road towards Fault Tolerant Quantum Computing

Dr. E Suresh Babu, Associate Professor, Department of Computer Science and Engineering, NIT Warangal
Topic: AI-enabled IoT Security using Blockchain Technology

Dr. T. Daniya, Assistant Professor, Department of CSE – AI&ML, GMRITDU
Topic: Generative AI & Quantum Tools for Smart Teaching



GMRIT Deemed to be University

Conducting 5-day Online
Faculty Development Program in
Collaboration with

National Institute of Technology-Warangal

Titled

**AI Integration with Quantum &
Blockchain Technologies for Secured
Next Generation Applications**

07th to 11th September 2026

Organized by
Departments of CSE-AI&ML and IT



Visit us at:

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<https://nitw.ac.in>

About the Departments

Departments of CSE-AI&ML and IT, School of Advanced Computing, GMRITDU: The School of Advanced Computing at GMRITDU comprises the Departments of IT, Cyber Security, and CSE-AI&ML, offering contemporary, industry-aligned education focused on emerging and future technologies. The School emphasizes strong theoretical foundations, hands-on learning, innovation, entrepreneurship and research in areas including AI, ML, Computer Vision, Data Science, Natural Language Processing, Cyber Security, Information Systems, Predictive Analytics and Quantum Technologies. With experienced and research-oriented faculty, modern computing infrastructure and well-equipped laboratories, the School provides a vibrant ecosystem for skill development, interdisciplinary research, industry collaboration and technology innovation. The School has demonstrated its excellence through student achievements in prestigious national-level platforms, including Smart India Hackathon (SIH), where student teams have emerged as winners, showcasing their ability to develop innovative solutions to real-world challenges. Students have also achieved notable recognition as winners in the Quantum Valley programmes, reflecting the School's growing strength in Quantum Computing and emerging quantum technologies.

Department of CSE, NIT-Warangal: The Department of CSE at NIT Warangal was established in 1991 and offers high-quality undergraduate, postgraduate, and doctoral programmes in Computer Science and related areas. The department has experienced faculty, well-established laboratories, and strong industry-academia collaborations. Its research spans Artificial Intelligence, Machine Learning, Data Science, Cloud Computing, Cyber Security, IoT, Networks, Cryptography, Software Engineering, and High-Performance Computing.

About the FDP

The 5-Day Faculty Development Programme (FDP) on "Integrating Quantum Technologies with Generative AI and Blockchain for Secure Next Generation Applications" aims to provide participants with insights into emerging technologies shaping the future of computing, cybersecurity, education, and intelligent applications. The programme covers Generative AI models and applications, Quantum Computing for AI and Information Security, Fault-Tolerant Quantum Computing, and AI-enabled IoT Security using Blockchain Technology. It also introduces Generative AI and Quantum tools for smart teaching. Through expert sessions, the FDP promotes innovation, interdisciplinary research, and secure next-generation solutions.

Objectives

- Understand Generative AI models, capabilities, and real-world applications across diverse domains.
- Explore Quantum Computing fundamentals and its emerging applications in AI and Information Security.
- Examine Fault-Tolerant Quantum Computing, including quantum noise, errors, scalability, and error correction.
- Explore AI-enabled IoT Security using Blockchain for secure and decentralized next-generation IoT applications.
- Leverage Generative AI and Quantum tools for smart teaching, research, innovation and problem-solving.

Topics Covered

- Generative AI Models and Their Real-World Applications
- Quantum Computing for AI and Information Security
- Road towards Fault-Tolerant Quantum Computing
- AI-enabled IoT Security using Blockchain Technology
- Generative AI & Quantum Tools for Smart Teaching

Contact Persons

Dr. M. Satish	: 9491154391
Dr. V. Srinadh	: 9963331892

Eligibility

All interested Faculty, Research Scholars, PG Students, and Industry Personnel.

Registration Details

Faculty, Research Scholars, PG Students	: Rs. 300/-
Industry Participants	: Rs. 500/-

Bank Account Details for Payment

Account	:	Indian society of Technical Education GMRIT Chapter
Bank Name	:	Union Bank of India



(Please upload payment receipt copy along with the UTR number while doing registration)

Registration Link

<https://forms.gle/xEkFCbiBU2G8L4di9>

Quiz and Certificate

Quiz will be conducted at the end of the FDP. The certificate will be issued for those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the quiz.