

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Blockchain Technology & The Future of Cyber Security

(25th May- 04th June 2022)

Organized By

E & ICT Academy & Department of Computer Science & Engineering,
NIT Warangal

In Association With

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)



Preamble: Electronics & ICT Academy was set up at NIT Warangal with financial assistance from MeitY, GoI. The role of academy is to offer faculty development programmes in emerging areas of Electronics, Information Communication Technologies; training & consultancy services for Industry; Curriculum development for Industry; CEP for working professionals; Advice and support for technical incubation and entrepreneurial activities.

This FDP is designed to address research advancements in Computer science & Engineering and its applications. To encourage various zonal professionals'/students/academicians towards research and for their Academic Quality Improvement too. This course will offer a unique opportunity to all the participants in Real Time through theoretical, laboratory-based sessions and demonstrations. It is due to the raise of technology and many cyber problems around applications of this should be understood by every one application of block chain in cyber security, cyber security in industry, etc. Also, this FDP aims at giving scope for future research.

Objectives: FDP aims at giving scope for future research.

- Block chain Theory-Distributed Ledger Technologies (DLT)
- Block chain network and architecture design
- Peer-to-Peer Networks, Peer-to-Peer communication protocols
- Cyber-attacks to block chain
- Security and reliability in Block chain
- Privacy and trust in block chain
- Security related issues in block chain
- Cryptographic algorithms and protocols
- Hands on session on the above topics will be provided

Registration Fee Particulars:

Faculty and Research Scholars	Rs. 750 /-
Industry Participants	Rs. 2250/-

Participants are required pay the Registration Fee Online using the following NEFT transfer details:

Online Transfer Details	
Account Name	: Electronics & ICT Academy NITW
Account No	: 62423775910
IFSC code	: SBIN0020149
Bank and Branch	: State Bank of India, NIT(REC) Warangal

Resource Persons: Young & Energetic eminent & finest Researchers & Faculty from International Universities IITs, NITs, IIITs & Industry experts.

Eligibility: Faculty/Ph. D scholars of computer Science & Engineering/ allied disciplines & Industry Personnel

How to apply: Participants are required to apply through online registration form by clicking on the following link:

<https://forms.gle/8Bm88e43ovBi4v7e6>

Selection Criteria:

Selection will be done based on first- come-first-serve basis to a maximum number of 100 (hundred). The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the Online/DD payment will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important dates:

Last date for Application with fee: 18th May 2022

Selection List by Email: 20th May 2022.

FDP Duration: 25th May to 04th June 2022.

About NITW, CSE Department, Warangal:

NIT Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering eight undergraduate and 32 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students' study on the campus. Its R & D activities have gained momentum with funding/MoU from governmental agencies/industries.

The Department of Computer Science & Engineering

The Department of Computer Science & Engineering was established in the year 1991. The department offers high quality undergraduate, postgraduate and doctoral programs. The B. Tech (Computer Science and Engineering) program was started in the year 1983 with an intake of 20 students. The intake was subsequently increased to 120 in 2008. M. Tech (Computer Science and Engineering) program was started in 1987 with an intake of 18 and subsequently increased to 20 in 2008.

About GRIET, CSE Department, Hyderabad:

GRIET is a premier institute of engineering, established in the year 1997 under the patronage of the Gokaraju Rangaraju Educational Society. The college is approved by AICTE and is affiliated to JNTU, Hyderabad. It has been given autonomous status by UGC. All the programs are accredited by NBA under Tier-I. The Institute is accredited by NAAC with A++ grade. The mission of GRIET is to achieve and impart quality education with an emphasis on practical skills and social relevance. GRIET strives to provide state-of-art infrastructure.

The Department of Computer Science and Engineering

Computer Science and Engineering Department started in the year 1997. It conducts B. Tech and M. Tech programmes in Computer Science and Engineering. The Department has well- equipped laboratories. It focuses on practical applications in the field of Data Mining and Image Processing. The Department is accredited by NBA in 2006, 2009, 2014 and 2019. In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programs.

Coordinators:

Dr. Susmitha Valli. Gogula

Department of CSE,
Gokaraju Rangaraju Institute of
Engineering and Technology,
Hyderabad

Email: susmitha1620@grietcollege.com

www.grietcollege.com

Ph: No: +91-9885211511

Dr. Ilaiiah Kavati,

Dept. of CSE,
NIT Warangal

Email: ilaiiahkavati@nitw.ac.in

Ph. No: +91-9848916272