



FACULTY DEVELOPMENT PROGRAMME (FDP) on Blockchain Technology and its Future Applications

(22nd July – 31st July 2024)

Organized by

E & ICT Academy, NIT Warangal

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

In collaboration with

Department of Computer Science and Engineering
SRM University, Amaravati, AP



Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry, and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes (FDPs) in standardized courses and emerging areas of Electronics, Information Communication Technologies, training and consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

This FDP is devoted to addressing the need to enhance the knowledge about the latest technologies pertaining to **Blockchain Technology and its Future applications** is being conducted on **online** mode at **National Institute of Technology, Warangal** and **SRM University AP, Amaravati**. The whole course is handled by academicians and industry experts.

Major Course Contents:

- Cryptographic Techniques
- Consensus Algorithms
- Distributed System
- Working of Blockchain Technology
- Bitcoin
- Ethereum Platform
- Ethereum based Development
- Hands-on Experiments on Ethereum Smart Contract Development
- Hands-on Experiments on Ethereum smart contract deployment on various blockchain network

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal and SRM University AP; Academicians in the concerned field from IITs/NITs/IIITs/Abroad are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Eligibility:

The program is open to the Faculty of Engineering Colleges, MCA Colleges, and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

Registration Fee Particulars:

Faculty and Research Scholars	Rs 1000/-
Industry Participants	Rs 3000/-

Participants need to pay the Registration Fee Online using the following details

Online Transfer Details

Account Name: Electronics & ICT Academy NITW
Account No: 62423775910
IFSC: SBIN0020149

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

Link to Apply:

<https://forms.gle/fTcs8aVqX64TRBox5>



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 DD/online 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 submission of Application	28/05/2024 (11:59 PM) 19/07/2024 (11:59 PM)
Selection List by E-mail	30/05/2024 (11:59 PM) 20/07/2024 (11:59 PM)
Duration	03/06/2024 (Monday) to 14/06/2024 (Friday) 22/07/2024 (Monday) to 31/07/2024 (Wednesday) 11:00 AM to 01:00 PM and 3:00 PM to 5:00 PM (Online)

About NIT Warangal:

NIT Warangal, the pioneering RECs offers top-notch technical education with B.Tech, M.Tech, and Ph.D. programs. All its B.Tech and M.Tech programs are NBA accredited. The Computer Science and Engineering department provides B.Tech in CSE, M.Tech in CSE and CSIS, and MCA. With experienced faculty, robust labs, and industry ties with Microsoft, IBM, Oracle, and others, it conducts sponsored programs regularly.

About SRM AP:

SRM University, Andhra Pradesh, also known as SRM University, Amaravati, is a state private university. The university of SRM offers undergraduates, postgraduate, and doctoral degrees in various school. The University has four schools namely, school of Engineering and Applied Sciences, School of Liberal Arts, and School of Management. The Computer Science and Engineering department comes under School of SEAS. The Department of CSE offering Undergraduate (BTech and BSc), Postgraduate (MTech), Doctoral and Post Doctoral Programmes. The department offers an Industry-based curriculum and practices project-based pedagogy for effective teaching and learning.

Coordinators

Dr. Nidhi Sonkar
Department of CSE
NIT Warangal - 506004,
Telangana, India
Mobile: +91-8871358404
Email: nidhisonkar@nitw.ac.in

Dr. Randhir Kumar
Department of CSE
SRM University
Amaravati 522502, AP, India
Mobile: +91-8127447568
Email: randhir.k@srmap.edu.in