

TWO WEEKS ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

BLOCKCHAIN AND ITS APPLICATIONS

(04th - 15th July 2022)

Organized by

E&ICT Academy, National Institute of Technology, Warangal

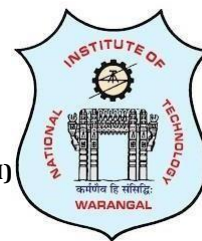
(Sponsored by Ministry of Electronics and Information Technology (MeitY),GoI)

in association with

Department of Information Technology

SRM Institute of Science and Technology, Ramapuram Campus

(Deemed to be University u/s 3 of UGC Act, 1956)



Preamble:

"Electronics & ICT Academy" was setup 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's role is to offer faculty development programmes in standardized courses and 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.

About this FDP:

Blockchain provides a decentralized database, or "digital ledger", of transactions that everyone on the network can see. Blockchain helps in the verification and traceability of multistep transactions needing verification and traceability. Blockchain technology provides secure transactions, reduce compliance costs, and speed up data transfer processing. It also helps to contract management and audit the origin of a product. This Blockchain course will address the concepts of Bitcoin, Hyperledger, Ethereum, Ripple and Multichain blockchain platforms. This FDP will enlighten you about setting up a private blockchain network using Hyperledger Composer and deploying smart contracts on Ethereum.

Major Course Contents:

1. Blockchain Technology mechanisms & algorithms
2. Hashing and Cryptographic fundamentals.
3. Alternative Blockchains, Ethereum Consensus Mechanisms, Ethereum Virtual Machine (EVM), Ethereum's Ecosystem and Dapps
4. Interfacing with Ethereum Networks, Smart Contracts, Contract Structure, Redeploying Contracts, Behind the Scenes of Deployment.
5. Cryptocurrencies
6. Blockchain in various fields (Healthcare , Security, Finance, and Insurance)

Faculty conducting this programme:

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

Eligibility:

The programme is open to faculty and Research Scholars of all Engineering Colleges, Universities 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.750/-
Industry Participants	Rs.2250/-

Online Transfer Details

Account Name: Electronics & ICT Academy
NITWAccount No: 62423775910
IFSC: SBIN0020149
Bank and Branch: State Bank of India, NIT (REC)
Warangal

How to apply:

1. Pay the registration fee as mentioned in the above table.
Fill the online registration form using the link given below: <https://forms.gle/hezUa4qx28N7sXf8A>
2. Selection will be done based on first come-first-serve basis to a maximum number of 150.
3. Candidates will be issued satisfactory certificates on successful completion of the course.

Important Dates:

Last date (Application & DD)	30.06.2022
Selection List by E- mail	01.07.2022
Duration	04.07.2022 - 15.07.2022
Timings	10:00 AM - 1:00 PM

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years, the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programs in various specializations. All B. Tech and M.Tech programmes of NIT Warangal are NBA accredited. The Institute is well known for its dedicated faculty, staff and the state-of-the-art infrastructure conducive to a healthy academic environment. The Institute is constantly striving to achieve higher levels of technical excellence. Evolving a socially relevant and yet internationally acceptable curriculum, implementing innovative, and effective teaching methodologies, and focusing on the wholesome development of the students the concerns.

About SRM Ramapuram:

Education is all about creating an environment of academic freedom, where bright minds meet, discover, and learn. One would experience top of the world living and learning experience at SRM. SRM Institute of Science and Technology (formerly known as SRM University) - where you have the freedom to take wings. SRM Institute of Science and Technology (formerly known as SRM University) is one of the top-ranking universities in India with over 20,000 students and 1,500 faculty, offering a wide range of undergraduate, postgraduate, and doctoral programs in Engineering, Management, Medicine and Health sciences, Science and Humanities.

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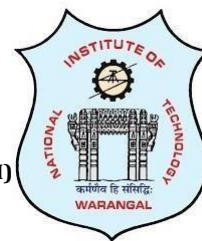
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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
- 6.

Reference No:
Amount:
Bank:
Date:

Sponsorship Certificate:

Dr. /Mr. /Ms.

is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "Blockchain and its Applications", sponsored by Electronics & ICT Academy during 04.07.2022 to 15.07.2022 at SRM Institute of Science and Technology, Ramapuram Campus, Bharathi Salai, Chennai 6000 089.

Signature of Head of Institution
(With seal)

7. Address for Correspondence :
8. Educational Qualification :
9. Subjects taught so far :
10. No. of refresher courses/workshops attended:
11. Experience (in years):
Teaching: Research: Industry:
12. Do you belong to SC/ST: YES /NO

Address for correspondence

Post your application form

It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form has to be uploaded in the following online registration link.

Registration Link:

For more details about Electronics & ICT Academy, NIT, Warangal, please visit: <https://nitw.ac.in/eict>

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinator in case, I am unable to attend the course.

Signature of the Applicant

For more enquiries please contact:

Mobile: 9843974491

COORDINATORS

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