



A One Day Workshop on
“Blockchain Technology”

29th June, 2019

Organized by

SCHOOL OF INFORMATION TECHNOLOGY

JNT University Hyderabad

(Under TEQIP – III)



Conveners

Ms Uma Rani Vanamala

Associate Professor of CSE, School of IT, JNTUH

Dr K.Suresh Babu

Associate Professor of CSE, School of IT, JNTUH

Venue

Seminar Hall, School Of IT, JNTU Hyderabad

Chief Patrons

Prof. A. Venugopal Reddy, Vice-Chancellor, JNTU Hyderabad
Prof. A. Govardhan, Rector, JNTU Hyderabad
Prof. N. Yadaiah, Registrar, JNTU Hyderabad

Patron

Prof. SVL Narasimham, Director, SIT JNTUH

Chairman

Dr. M. Sreenivasa Rao, Director AAC, JNTUH

Conveners

Ms Uma Rani Vanamala, Associate Professor of CSE, SIT, JNTUH
Dr. K.Suresh Babu, Associate Professor of CSE, SIT JNTUH

Organising Committee

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Ms.I.Lakshmi Manikyamba	Ms. K. Neeraja
Sri.N.Naveen Kumar	Ms.M.Arathi
Dr. B. Kranthi Kiran	

Registration Fee

There is no Registration Fee. For Registration follow the link:

<https://forms.gle/8tBmwg6h1f6BAAAm9>

Last date for registration: 28th June, 2019. The participants should report to the workshop on 29nd June 2019 at 9.00 hrs. Registration is on first come first serve basis.

About JNTUH

Jawaharlal Nehru Technological University, Hyderabad was established on 2 October 1972 by the Legislature of the State of Andhra Pradesh as the first-ever Technological University in the country. It has been in the forefront during the last forty six years in providing quality technical education. JNT University was restructured into four different Universities namely JNT University Hyderabad, JNT University Anantapur, JNT University Kakinada and JNFAU by the Government of Andhra Pradesh vide Government Order No. 13, dated 18 August 2008 and the Act of State Legislature No. 30, dated September 2008. From then, this university was re-designated as Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad. Situated in the heart of the city at Kukatpally, Hyderabad a major landmark- JNTUH has an environment of academic excellence with 'A' Grade accreditation by NAAC (National Assessment and Accreditation Council).

About School of IT, JNTUH

JNTU Hyderabad established a Computer Center in 1985 with the support from UGC to cater to the needs of computing of various departments. In 1989, to promote Post Graduate studies, a Department of Computer Science was started under IPGSR (Institute of Post Graduate Studies & Research). In early 2001 the impact of Information Technology was felt in every corner of the globe. This led to the formulation of an exclusive institute for Computer Science and Information Technology, the present School of Information Technology (SIT), with a vision to promote Knowledge and Technology transfer in Information and communication technology related areas promoting excellence in IT Pedagogy, Software Consultancy, and establishment of an R & D base in Computer Science and IT related education sectors are the aims of the school.

About TEQIP-III

Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP III) is fully integrated with the Twelfth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing Institutions with a special consideration for Low Income States and Special Category States and support to strengthen few affiliated Technical Universities to improve their policy, academic and management practices.

About Blockchain Technology:

Blockchain is a cryptographically secured, distributed ledger. Blockchain transactions data is immutable, every transaction is encrypted through cryptographic algorithms, blockchain service will never be down because of its distributed network. Blockchain empowered business gains the trust, security, reliability, no corruption, reduce paper work, fast crypto currency transfer. Smart contracts in blockchain technology help you exchange money, property, shares, or anything of value in a transparent, conflict-free way, while avoiding the services of a middleman.

The following topics will be covered :

- Understanding Blockchain Technology
- Blockchain workflow Process
- Understanding Cryptography and Cryptographic hash functions
- Blockchain benefits & Impact
- Types of Blockchain Services
- Enhancements over Blockchain versions
- Different Crypto currencies in the world
- Blockchain Market Trends and Analyst Views
- Different Blockchain usecases in the world
- Blockchain using EBaaS Deployment Architecture, Technology tack
- Hyperledger Fabric architectural diagram
- Blockchain usecase on Track and Trace of a product in Supply Chain
- As Is and To Be state of the usecase
- Solution and Business Process View Diagram of Track and Trace
- Demo of Track and Trace Blockchain solution

Eligibility Criteria: Students, Research Scholars And Faculty Members From Universities, Constituent Colleges, Affiliated Colleges And Various Technical Institutes. Industry Personnel working in the concerned/allied discipline can also attend.

Speakers: The speakers are drawn from IITs, NITs, JNTUH, IDRBT, etc.

Contact Us:

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