

UGC Sponsored Online Two-week Refresher Course on "Blockchain Technology" (07-12-2020 to 21-12-2020)



Organized by

UGC – HUMAN RESOURCE DEVELOPMENT CENTRE JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, KUKATPALLY, HYDERABAD, T.S.

About UGC-HRDC, JNTUH:

The UGC-Human Resource Development Centre (formerly known as UGC-Academic Staff College), Jawaharlal Nehru Technological University Hyderabad, was established in the year 2000 and sponsored by University Grants Commission, New Delhi. The UGC-Human Resource Development Centre organizes Orientation Programmes, Refresher Courses, Short Term Courses and Workshops on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis, to update the knowledge and skills in their respective fields.

Major Course Contents:

- Introduction to Blockchain Technology
- Blockchain Technology History
- Digital Crypto Currencies
- Distributed Ledgers
- Design Primitives: Protocols, Security,
- Consensus, Permissions, Privacy
- Blockchain Architecture and Design
- Basic crypto Primitives: Hash,
- Signature, Hashchain to Blockchain
- Basic consensus mechanism
- Smart contract
- Ethereum
- Hyper Ledger
- Case Studies

Eligibility:

- The faculty members from the departments of CSE, IT, EEE, ECE, ME, CE and Mathematics working in Universities and Colleges.
- The faculty members have to be sponsored by the concerned Principal of the College / Head of the Institution for considering the participation in the Programme.

Registration Fee Particulars:

 The Registration fee for the course is Rs. 1000/- (Rupees One Thousand Only) to be paid through online payment mode.

Certificate will be issued to the participants on successful completion of the course.



Dr. G.K. Viswanadh
Professor of Civil Engineering &
Director
UGC-HRDC, JNTUH, Hyderabad

Course Coordinator:
Dr. B.V. Ram Naresh Yadav
Associate Professor,
Dept. of CSE, JNTUH CES,
Sulthanpur, T.S.



How to apply:

- The faculty members desirous to participate in the program are requested to register their details through online mode at http://jntuhhrdc.in/delegate-registration on or before 30 November, 2020.
 For further queries, please mail us at: directorhrdcjntuh@jntuh.ac.in
- Filling the online registration form is mandatory.
- A filled-in form of application duly signed by the faculty member and forwarded by the Head of the Institution and sponsorship certificate from the Head of the Institution, should be uploaded in HRDC portal on or before the last date.

Resource Persons:

Resource persons are drawn from IIT, NIT, IIIT and different Universities, Institutions establishments.

Selection Criteria:

Selection will be done based on *first-come-first-serve basis* to a maximum number of 40. The list of selected participants will be intimated through E-mail.

Important Dates:

Last date for the receipt of application through online
Intimation of selection to the participants through e-mail
Course duration

Course Timings

: 30 November 2020
: 02 December 2020
: 07 to 21 December 2020
: 10.00 AM to 1.15 PM & 2.00 PM to 5.15 PM

Instructions to the Participants for Online Course:

- (1) Filling the registration form is mandatory.
- (2) Attendance for all the sessions, Completion of activities, assignments and online tests given by the Resource Persons are mandatory.
- (3) All sessions will be conducted on WebEx.
- (4) Link will be provided a day in advance.
- (5) Limited seats are available on First-Come-First-Serve basis.

Address for all Correspondence:

Dr. G.K.Viswanadh

Professor of Civil Engineering & Director, UGC-Human Resource Development Centre Jawaharlal Nehru Technological University Hyderabad

Kukatpally, Hyderabad – 500 085, Telangana State

Please contact: 8008103814 (All working days from 10.30 am to 5.00 pm only) or directorhrdcjntuh@jntuh.ac.in for more enquiries about the Refresher Course Web: www.jntuhhrdc.in



Phone: 040-23151610
Fax: 040-23156795
Web: www.jntuhhrdc.in
EMail:directorhrdcjntuh@jntuh.ac.in





UGC-HUMAN RESOURCE DEVELOPMENT CENTRE JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Establishment by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana State, India.

Dr. G.K. VISWANADH

B.E (Civil), M.E.(Hydraulics), Ph.D., F.I.E. Professor of Civil Engineering & **DIRECTOR**

Date: 02-12-2020

Dear Sir/Madam,

Thank you for your interest in participating in the **Two-week Online Refresher Course on** "Blockchain Technology" scheduled from 07-12-2020 to 21-12-2020, being organized by UGC-Human Resource Development Centre (HRDC), JNTUH, Hyderabad.

Your registration has been accepted. Attendance for all the sessions and completion of the activities, assignments and online tests given by the Resource Persons are mandatory to get the certificate, failing which certificate will not be issued.

A WhatsApp group will be created with the selected participants for further communication. The participants who have not entered their WhatsApp number while registration, are requested to send their WhatsApp number to the mail id **directorhrdcjntuh@jntuh.ac.in** before 5.00 pm on 02-12-2020.

Steps to be followed to join the course

Please join JNTUH HRDC RC from your computer, tablet or smart phone from the below link:

https://jntuhhrdc.webex.com/jntuhhrdc/onstage/g.php?MTID=ed734353b098019de663b0d6dea9eb657

Date and time: Monday, 07th December -2020 @ 9:30 am

Meeting number: 176 020 6625

Password: RCBT!@#45

The link is Unique and don't share the link with anyone. If anyone attended the course with your link your registration will be cancelled.

Etiquette Guide or Ground Rules

Keep the following guidelines in mind to improve quality of the sessions.

- Do not enable **camera**
- Use a **headset with microphone** for optimal audio quality.
- Mute the microphone when not in use to avoid disturbance to others.
- If you have questions, post on the chat window
- If you definitely need to ask a question vocally, the organizer will unmute you.

Please join the course by 9.30 am on 07th December, 2020.

List of Participants:

S. No	Name Of The Candidate	Designation	Dept.	College	Address	State	
1	Dr. K.F.Bharati	Asst. Professor	Computer Science Engineering	JNTUA CEA, Anantapuramu	Anantapur, A.P.	Andhra Pradesh	
2	Dr. Nagesh Komati	Professor	Computer Science	Sri Sivani Institute Of Management&Science	Village:Islampur Mandal: Gangadhara Dist: Karimnagar Karimnagar	Telangana	
3	Dhanaraju Murala	Assistant Professor	Information Technology	Sreenidhi Institute Of Science And Technology	Yamnampet Village,Ghatkesar Mandal,Medchal, Hyderabad	Telangana	
4	Dr B Lalitha	Assistant Professor	Computer Science Engineering	JNTUA College Of Engineering	Kalikiri, A.P.	Andhra Pradesh	
5	Dr. Shaikh Irfan Ahmed	Assistant Professor	Mathematics	Dr. Rafiq Zakaria College For Women	Navkhanda Jubilee Park Aurangabad -431001	Maharashtra	
6	Mani Bushan Dsouza	Assistant Professor	Computer Science	Dr. P Dayanda Pai P Sathisha Pai Government First Grade College	D Mangalore Carstreet Mangalore	Karnataka	
7	Layak Ali	Assistant Professor	Electronics & Communicati ons Engineering	Central University Of Karnataka	Aland Rd, Kadaganchi, Kalaburagi Kalaburagi	Karnataka	
8	Boyapati Sahithi	Assistant Professor	Computer Science Engineering	Nalla Narasimha reddy Education Society's Group Of Institutions	Near Narapalle, Chowdaryguda, Korremula X Roads, Ghatkesar(M) Hyderabad	Telangana	
9	T.Vani	Assistant Professor	Computer Science	Rajeswari Vedachalam Government Arts College, Chengalpattu	Chengalpattu, Tamilnadu Chengalpattu	Tamil Nadu	
10	G Janardhana Reddy	Assistant Professor & Coordinator	Mathematics	Central University Of Karnataka	Kadaganchi Kalaburagi	Karnataka	
11	Narender Kumar	Assistant Professor	Computer Science Engineering	Birla Campus, H.N.B. Garhwal University	I Hittraknand Srinagar I		

			Electronics &				
12	Kothapalli Saidulu	Associate Professor	Communicati ons Engineering	Scient Institute Of Technology	Of Rangareddy Dist, Pin Hyderabad		
13	Chinnaiah Veluru	Assistant Professor	Computer Science Engineering	Vijaya Engineering College	Ammapalem, Khammam Khammam	Telangana	
14	Vadlamani Veerabhadram	Associate Professor	Computer Science Engineering	Nalla Narasimhareddy Education Society's Group Of Institutions	Chowdariguda,Narapalli Near Uppal Hyderabad	Telangana	
15	G Gayathri Devi	Assistant Professor	Computer Science	Shrimathi Devkunvar Nanalal Bhatt Vaishnav College For Women	Vaishnava College Road, Shanthi Nagar, Chromepet Chennai	Tamil Nadu	
16	Dr S Pradeep	Associate Professor	Computer Science Engineering	Bhoj Reddy Engineering College For Women	Santosh Nagar Cross Roads, Vinay Nagar, Saidabad, Hyderabad	Telangana	
17	Manohar Koli	Assistant Professor	Computer Science	Manohar Koli	Karnatak University Dharwad	Karnataka	
18	Ramesh Makala	Professor	Computer Science Engineering	RVR & JC College Of Engineering	Chowdavaram, Guntur, Andhra Pradesh Guntur	Andhra Pradesh	
19	Pallipamu.Ven kateswara Rao	Associate Professor	Computer Science Engineering	Adikavi Nannaya University	Rajamahendravaram, A.P.	Andhra Pradesh	
20	Dr. S. Rama Krishna	Associate Professor	Computer Science Engineering	Bapatla Engineering College	Bapatla	Andhra Pradesh	
21	Swarna Jyothi Nadakuditi	Degree Lecturer	Computer Science	VSR Government Degree And Pg College	Movva, A.P.	Andhra Pradesh	
22	Dr. Shaheda Akthar	Assistant Professor	Computer Science	Government College For Women (A)	Sambasivapeta, Guntur, A.P	Andhra Pradesh	
23	Suhail Ahmad	Assistant Professor	Computer Science Engineering	North Campus, University Of Kashmir	Delina, Baramulla	Jammu And Kashmir	
24	G.V.S Pranayani Devi	Lecturer In Computer Science	Computer Science	Government College For Women(A)	Sambasivapeta, Guntur	Andhra Pradesh	
25	Dr. Suneetha Eluri	Assistant Professor	Computer Science Engineering	University College Of Engineering, Jntu Kakinada	Pithapuram Road, East Godavari District Kakinada	Andhra Pradesh	
26	Agshare Dheeraj	Assistant Professor	Electronics & Communicati ons Engineering	RGUKT, Basar	Basar Mandal, Nirmal District, Basar	Telangana	
27	Dr. G. Nagalakshmi	Assistant Professor	Computer Science	National Sanskrit University	Balaji Colony Tirupati Tirupati	Andhra Pradesh	

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DIRECTOR

	10.00 to 11.30		11.45 to 1.15		2.00 to 3.30		3.45 to 5.15
07-12-2020 Monday	10.00 to 10.30 am Inaugural Session]	Introducing to Blockchain Technology By Dr. G. Narasimha Professor, JNTUH CEH, Hyderabad, T.S. narasimha06@jntuh.ac.in 9908853084		Blockchain Technology Properties By Mr. Prashant Kumar Sahoo System Engineer, TCS, Hyderabad prasanthsahoo45@gmail.com 9030642857		Blockchain Technology Properties By Mr. Prashant Kumar Sahoo System Engineer, TCS, Hyderabad prasanthsahoo45@gmail.com 9030642857
08-12-2020 Tuesday	Cryptographic Primitives for Blockchains By Dr. Subba Rao Y V Assoc. Professor, SCIS, HCU, Hyderabad, T.S. yvsrcs@uohyd.ac.in 9849032583		Cryptographic Primitives for Blockchains By Dr. Subba Rao Y V Assoc. Professor, SCIS, HCU, Hyderabad, T.S. yvsrcs@uohyd.ac.in 9849032583	LUNCH BREAK	Future of Cryptocurrent & Etherum By Mr. Prashant Kumar Sahoo System Engineer, TCS, Hyderabad prasanthsahoo45@gmail.com 9030642857		Future of Cryptocurrent & Etherum By Mr. Prashant Kumar Sahoo System Engineer, TCS, Hyderabad prasanthsahoo45@gmail.com 9030642857
09-12-2020 Wednesday 10-12-2020 Thursday	Introduction to Bit Coin By Mr. Mohit Bathla, IT Project Management / BFSI Domain, Blockchain Exepert, Hyderabad mohit.bathla86@gmail.com 7032770109 Blockchains Variats By N. Rukma Rekha Assoc. Professor, SCIS, HCU, Hyderabad, T.S. rukmarekha@uohyd.ac.in	TEA BREAKE	Introduction to Bit Coin By Mr. Mohit Bathla IT Project Management / BFSI Domain, Blockchain Exepert, Hyderabad mohit.bathla86@gmail.com 7032770109 Permisssioned Blockchians: HyperLedger Fabric By N. Rukma Rekha Assoc. Professor, SCIS, HCU,	E	Introduction to HyperLedger Basics By Mr. Mohit Bathla IT Project Management / BFSI Domain, Blockchain Exepert, Hyderabad mohit.bathla86@gmail.com 7032770109 Smart Contract applications & Solidity Basics By Mr. Prashant Kumar Sahoo System Engineer, TCS, Hyderabad	TEA BREAK	Introduction to HyperLedger Basics By Mr. Mohit Bathla IT Project Management / BFSI Domain, Blockchain Exepert, Hyderabad mohit.bathla86@gmail.com 7032770109 Smart Contract applications & Solidity Basics By Mr. Prashant Kumar Sahoo System Engineer, TCS, Hyderabad prasanthsahoo45@gmail.com
11-12- 2020 Friday	9885333934 Introduction to Etherum By G.V. Rao Block chain Architect Bittech india gvr4ta@gmail.com Ph 9346024593		Hyderabad, T.S. rukmarekha@uohyd.ac.in 9885333934 Introduction to Etherum By Dr. Sathya Peri Associate Professor CSE Dept, IIT Hyderabad sathya_p@cse.iith.ac.in Ph 7032397980		prasanthsahoo45@gmail.com 9030642857 Introduction to Smart Contract By G.V. Rao Block chain Architect Bittech india gvr4ta@gmail.com Ph 9346024593		9030642857 Introduction to Smart Contract By G.V. Rao Block chain Architect Bittech india gyr4ta@gmail.com Ph 9346024593
12-12-2020 Saturday	HOLIDAY						

Date	10.00 to 11.30		11.45 to 1.15		2.00 to 3.30		3.45 to 5.15																
14-12-2020 Monday	Cryptographics Preventives of Blockchain By Dr. E. Suresh Babu Assistant Professor, Dept. of CSE, NIT Warangal esbabu@nitw.ac.in ph: 9440959713		Cryptographics Preventives of Blockchain By Dr. E. Suresh Babu Assistant Professor, Dept. of CSE, NIT Warangal esbabu@nitw.ac.in ph: 9440959713	LUNCI	Xcelero Supported Ethereum (interacting smart contract with a web page using web3). By Mr. Kartikey Kashyap Blockchain R&D Ethereum Hyperledger Fabric Golang Software Engineer MSRCosmos LLC kartikey.dav100@gmail.com savita.s@xcelero.in		Xcelero Supported Ethereum (interacting smart contract with a web page using web3). By Mr. Kartikey Kashyap Blockchain R&D Ethereum Hyperledger Fabric Golang Software Engineer MSRCosmos LLC kartikey.dav100@gmail.com savita.s@xcelero.in																
15-12-2020 Tuesday	Permission for Blockchain using Hyperledger Frabic By Dr. E. Suresh Babu Assistant Professor, Dept. of CSE, NIT Warangal esbabu@nitw.ac.in ph: 9440959713	TEA BREAF	Permission for Blockchain using Hyperledger Frabic By Dr. E. Suresh Babu Assistant Professor, Dept. of CSE, NIT Warangal esbabu@nitw.ac.in ph: 9440959713	LUNCH BREAKE	Xcelero Supported Basic consensus mechanism By Mr. Azmatullah Muhammad Sr. Program Manager- CBRE Asia Pacific Blockchain Cloud Infrastructure PRINCE2 ITIL azmi.secure@gmail.com savita.s@xcelero.in	TEA BREAK	Xcelero Supported Basic consensus mechanism By Mr. Azmatullah Muhammad Sr. Program Manager- CBRE Asia Pacific Blockchain Cloud Infrastructure PRINCE2 ITIL azmi.secure@gmail.com savita.s@xcelero.in																
16-12-2020 Wednesday	Deep dive Consensus & Game Theory Trust By Mr. Azmatullah Muhammad Sr. Program Manager- CBRE Asia Pacific Blockchain Cloud Infrastructure PRINCE2 ITIL azmi.secure@gmail.com savita.s@xcelero.in	AKE	, <u>K</u> E	XE XE	Œ	Œ	B	E		E	•								Real world Blockchain Projects relating to Consensus Algorithms By Mr. Azmatullah Muhammad Sr. Program Manager- CBRE Asia Pacific Blockchain Cloud Infrastructure PRINCE2 ITIL azmi.secure@gmail.com savita.s@xcelero.in		Xcelero Supported Consensus, Permissions, Privacy By Mr. Azmatullah Muhammad Sr Program Manager- CBRE Asia Pacific Blockchain Cloud Infrastructure PRINCE2 ITIL azmi.secure@gmail.com savita.s@xcelero.in	REAK	Xcelero Supported Consensus, Permissions, Privacy By Mr. Azmatullah Muhammad Sr Program Manager- CBRE Asia Pacific Blockchain Cloud Infrastructure PRINCE2 ITIL azmi.secure@gmail.com savita.s@xcelero.in
17-12-2020 Thursday	Security in Block chain By Dr Muzzammil Hussain Assistant Professor, Department of CSE, Central university, Rajasthan Ph:9602874768 muzammil.hussain@umt.edu.pk		Security in Block chain By Dr Muzzammil Hussain Assistant Professor, Department of CSE, Central university, Rajasthan Ph:9602874768 muzammil.hussain@umt.edu.pk		Xcelero Supported Case Studies of Blockchain Technology Fintech By Mr. Aravind Voruganti Vice President - Blockchain Practice & Products at IDS Inc IBM Certified Solution Advisor - Blockchain Platform V2 Product Architect aravindian99@gmail.com savita.s@xcelero.in		Xcelero Supported Case Studies of Blockchain Technology Fintech By Mr. Aravind Voruganti Vice President - Blockchain Practice & Products at IDS Inc IBM Certified Solution Advisor - Blockchain Platform V2 Product Architect aravindian99@gmail.com savita.s@xcelero.in																

18-12-2020 Friday	Blockchain Techmology & Future By Dr. Ramesh Babu Assistant Professor MNIT Jaipur ramsbattula@gmail.com 91 95496 54395 Ramesh@NIT JAIPUR	Blockchain Techmology & Future By Dr. Ramesh Babu Assistant Professor MNIT Jaipur ramsbattula@gmail.com 91 95496 54395 Ramesh@NIT JAIPUR	Xcelero Supported Case Studies of Blockchain Technology Non-Fintech & Approach to evaluate usability of Blockchain By Mr. Aravind Voruganti Vice President - Blockchain Practice & Products at IDS Inc IBM Certified Solution Advisor - Blockchain Platform V2 Product Architect aravindian99@gmail.com savita.s@xcelero.in	Xcelero Supported Case Studies of BlockchainTechnology Non-Fintech & Approach to evaluate usability of Blockchain By Mr. Aravind Voruganti Vice President - Blockchain Practice & Products at IDS Inc IBM Certified Solution Advisor - Blockchain Platform V2 Product Architect aravindian99@gmail.com savita.s@xcelero.in
19-12-2020 Saturday	Xcelero Supported & Distributed Ledger By Mr. Rao Gaddam Blockchain Payment System: Chief Architect & Advisor at INQUB8 rao4bc@gmail.com savita.s@xcelero.in	Xcelero Supported & Distributed Ledger By Mr. Rao Gaddam Blockchain Payment System: Chief Architect & Advisor at INQUB8 rao4bc@gmail.com savita.s@xcelero.in	Xcelero Supported Blockchain Architecture and design By Mr. Rao Gaddam Blockchain Payment System: Chief Architect & Advisor at INQUB8 rao4bc@gmail.com savita.s@xcelero.in	Xcelero Supported Blockchain Architecture and design By Mr. Rao Gaddam Blockchain Payment System: Chief Architect & Advisor at INQUB8 rao4bc@gmail.com savita.s@xcelero.in
21-12-2020 Monday	IoT using Blockchain Technology By Dr. E. Suresh Babu Assistant Professor, Dept. of CSE, NIT Warangal	IoT using Blockchain Technology By Dr. E. Suresh Babu Assistant Professor, Dept. of CSE, NIT Warangal	Exam	Valedictory

DIRECTOR

S. No.	Title of the Programme	Schedule	Sponsored	No. of	No. of
			by	Days	Participants
					registered
1	Online Two-week Refresher	07-12-2020 to			
	Course on "Blockchain	21-12-2020	UGC	12	27
	Technology"				

Photo:

UGC Sponsored Two Week Online Refresher Course on

"BLOCKCHAIN TECHNOLOGY" (07-12-2020)

Organized by

UGC- Human Resource Development Centre जान-विज्ञान विमुक्तये Jawaharlal Nehru Technological University Hyderabad

