

## DECLARATION

The Information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Course. If selected, I shall attend the course definitely for the entire duration. I also undertake the responsibility to inform the Course Coordinator, sufficiently in advance (at least one week), in case I am unable to attend the Course.

Place :

Date :

Signature of the Applicant  
Name:

## SPONSORSHIP CERTIFICATE

Certified that \_\_\_\_\_ is a regular employee of our institution since \_\_\_\_\_, and is hereby sponsored for the FDP on “**Blockchain Technology**”, at UGC –Human Resource Development Centre, JNTU Hyderabad during the period **27-01-2020 to 31-01-2020**. From the year \_\_\_\_\_, our College is affiliated to JNTUH. He /She will be permitted to attend the course without fail, if selected.

Signature of the Registrar /  
Principal / Director with Seal

Place:

Date :

### **Note to Sponsoring Authority:**

- It is mandatory that the sponsored teachers, if **selected**, should be deputed for the Course.

## **Financial Assistance:**

The outstation teacher-participants may be paid upto a limit of A/C III tier railway fare (all trains) or A/C deluxe bus fare **on production of tickets**.

## **Boarding and Lodging:**

Accommodation will be provided to the non-local participants at the University Guest House of JNTUH, Kukatpally, Hyderabad, on twin sharing basis.

## **Venue:**

UGC-Human Resource Development Centre, JNTU University Hyderabad, Kukatpally, Hyderabad - 500 085.

### **Important Dates:**

Last date for submission of Application: **20-01-2020**

Intimation of Selection to the candidates through e-mail/web : **21-01-2020**

Program Commencement : **27-01-2020**

**Note:** Participants are requested to look into website regularly for Selection List and for any other important information. **Even if the hard copy of the selection letter is not received by the selected participant, web information can be taken as authentic and he / she can attend the Course by producing the relieving letter from the concerned authorities.**

**Address for all Correspondence:**

**Dr. G.K. Viswanadh**

**The Director**

**UGC – Human Resource Development**

**Centre, JNTU Hyderabad**

Kukatpally, Hyderabad - 500 085

Telangana State, INDIA

040- 23151610

040 - 23158661-4 Extn. 2310 / 2316 / 2312 / 2313

Mobile: 8008103814 (All working days from 10.30 am to 5.00 pm only)

e-mail: directorhrdcjntuh@jntuh.ac.in

web: www.jntuhhrdc.in

## **Faculty Development Programme on “Blockchain Technology” (27-01-2020 to 31-01-2020)**

*Sponsored by*  
**All India Council for Technical  
Education**

*Coordinator*  
**Smt. E. Hemalatha**  
Assistant Professor, Dept. of CSE,  
JNTUH CEH, Hyderabad, T.S.

*Organized by*



**UGC-HUMAN RESOURCE  
DEVELOPMENT CENTRE  
JNTUH**

Kukatpally, Hyderabad - 500 085  
Telangana State, INDIA

### Introduction:

Jawaharlal Nehru Technological University Hyderabad was established in the year 2008 through A.P. Govt. Act No.30. The University jurisdiction spans over the entire Telangana State. JNTUH is accredited with 'A' Grade by the National Assessment and Accreditation Council (NAAC). The University is ranked 45 in the engineering stream of NIRF Rankings 2019. The University has four constituent colleges and three academic units in addition to twelve administrative units.

The Constituent Engineering Colleges and Units/Schools of JNTUH are offering B.Tech in 9 branches, M.Tech in 27 specializations, M.Pharmacy in 3 specializations, M.Sc in 4 specializations, MBA and MCA, and Five-year Integrated Dual Degree Masters Programme in 10 specializations with M.Tech./MBA. Additionally, MS, M.Phil and Ph.D programmes in various disciplines of Engineering, Technology, Science, Management and Humanities & Social Sciences are offered. The University has Memoranda of Understanding (MoU) with many International and National organizations/universities/institutions/industries.

### Objectives:

The objective of the AICTE – University training programs is to conduct the training for faculty members to prepare them for being successful in a knowledge society.

During the current academic year 2019-20, a five day Faculty Development Programme on “**Blockchain Technology**” is proposed to be organized during **27-01-2020 to 31-01-2020**, in the campus of JNT University Hyderabad. The number of participants is limited to a maximum of 40, and the selection will be based on the priority of ‘first - come-first-serve’.

### Eligibility:

- The teachers from AICTE approved Institutions affiliated with JNTUH.
- Faculty members from the Dept. of CSE & ECE.
- Teachers have to be sponsored by the concerned Principal of the College / Head of the Institution for considering them for participation in the Course.

### Registration Fee:

**There is no Registration fee for the FDP.**

### How to Apply:

A filled-in form of application duly signed by the faculty member and forwarded by the Head of the institution should reach the Director, UGC-HRDC, JNTUH, on or before the last date by Email [directorhrdcjntuh@jntuh.ac.in](mailto:directorhrdcjntuh@jntuh.ac.in). The original application need to be submitted on the day of programme commencement i.e., on 27-01-2020.

If the number of participants received is less than 40, the course may be re-scheduled.

### Main Subject 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
- Case Studies

*\* Contents may vary slightly.*

Resource Persons are drawn from IITs, NITs, JNTUH and other Universities.

## APPLICATION FORM Faculty Development Programme on “Blockchain Technology”

1. Name: .....

2. Date of Birth & Age: .....

3. Gender (M / F): .....

4. Qualifications:.....

5. Category: SC/ST/OBC/Any other.

6. Teaching

Experience:.....

7. a) Designation :

b) Department:

c) Pay Scale & Present Basic :

8. a) Institution :

b) Affiliating University:

9. Address for Communication:

.....  
.....  
.....

10. College Address:

.....  
.....

12. Phones Nos:

(O)..... (R).....

MOBILE:..... Fax:.....

E - mail ID: .....

14. Accommodation Required? YES / NO

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



## **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, UGC-HRDC**

Lr. No. JNTUH/UGC-HRDC/AICTE FDP-BCT/2019-20

Date: 23-01-2020

Dear Participants,

Sub: JNTUH, Hyderabad –AICTE sponsored Five-Day Faculty Development Programme on “Blockchain Technology” from 27-01-2020 to 31-01-2020 – Selection for attending the Programme– Intimation – Reg.

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This is with reference to your hardcopy/online application expressing interest in participating in the Faculty Development Programme on “Blockchain Technology” to be organized by JNT University Hyderabad. We are happy to inform that, you have been selected for the above Programme scheduled from 27-01-2020 to 31-01-2020.

Participants should submit the Relieving letter from the Head of the Institution at the time of Registration. The attendance for all the sessions is mandatory. If any participant is absent for the sessions during the course period, he/she has to attend the similar number of hours in the next programme to complete the course. The certificates will be issued to those participants who attend all the sessions.

The course is scheduled from 10.00 AM on 27<sup>th</sup> January 2020, at UGC Human Resource Development Centre, JNT University Hyderabad, Kukatpally, Hyderabad – 500 085. You are requested to report at 9.30 A.M. on 27-01-2020 for registration. Looking forward to meet you on 27-01-2020.

Yours sincerely

**DIRECTOR**

**Faculty Development Programme on “Blockchain Technology”  
(27-01-2020 to 31-01-2020)**

**List of selected participants:**

<b>S No</b>	<b>Name of the Candidate</b>	<b>Designation</b>	<b>Department</b>	<b>College</b>	<b>Address</b>
1	Ganesh Kumar Pagadala	Assistant Professor	IT	Malla Reddy Engineering College	Maisammaguda, Hyderabad, T.S.
2	Golla Chakrapani	Assistant Professor	CSE	Malla Reddy Engineering College	Maisammaguda, Hyderabad, T.S.
3	Harilal J	Assistant Professor	ECE	Malla Reddy Engineering College	Maisammaguda, Hyderabad, T.S.
4	Juttu Suresh	Assistant Professor	IT	Malla Reddy Engineering College	Maisammaguda, Hyderabad, T.S.
5	Khaja Mannanuddin	Assistant Professor	CSE	Sumathi Reddy Institute of Technology	Warangal, T.S.
6	Kuppireddy Haripriya	Assistant Professor	IT	Malla Reddy Engineering College & Management	Maisammaguda, Hyderabad, T.S.
7	Ambica Y	Assistant Professor	CSE	JNTUH SIT	Kukatpally, Hyderabad, T.S.
8	Asma Nikhat	Assistant Professor	Computer Science	Govt. College (A)	Klaburagi, Karnataka
9	Dilip Senapathi	Assistant Professor	Computer Science	Ravenshaw university	Cuttack, Odisha
10	Dr. Rajeswari Horakeri	Assistant Professor	Computer Science	Govt. First Grade College	Hubli, Karnataka
11	Madhavalatha Panem	Assistant Professor	CSE	Malla Reddy Engineering College & Management	Maisammaguda, Hyderabad, T.S.
12	Prasanna Kukkala	Assistant Professor	ECE	Malla Reddy Engineering College & Management	Maisammaguda, Hyderabad, T.S.
13	S. Abhishek yadav	Assistant Professor	IT	Malla Reddy Engineering College & Management	Maisammaguda, Hyderabad, T.S.
14	Sasikala Vunnam	Assistant Professor	IT	BVRIT	Narsapur, Medak, T.S.
15	Shivkumar Kalburgi	Assistant Professor	Computer Science	Govt. College (A)	Kalaburagi, Karanataka
16	Smt. Prayaga Siddappa	Assistant Professor	Computer Science	Govt. College (A)	Kalaburagi, Karanataka
17	Suma M	Assistant Professor	Computer Science	Govt. Science College	Bangalore, Karnataka
18	Tahneyath Ahmed	Assistant Professor	CSE	Bhoj Reddy Engineering College for Women	Santosh Nagar, Saidabad, Hyderabad, T.S.
19	Gajula Rajendar	Assistant	CSE	Vignana Bharathi	Ibrahimpattanam, R.R.

S No	Name of the Candidate	Designation	Department	College	Address
		Professor		Engineering College	Dist., T.S.
20	Badepally Mallaiah	Assistant Professor	IT	Mahaveer Institute of Science & Technology	Bandlaguda, Hyderabad, T.S.
21	S. Aparna	Assistant Professor	CSE	GITAM University	Hyderabad, T.S.
22	G. Santosh Kumar	Assistant Professor	CSE	Mahaveer Institute of Science & Technology	Bandlaguda, Hyderabad, T.S.
23	S. Shiva Reddy	Assistant Professor (C)	CSE	JNTUH College of Engineering Hyderabad	Kukatpally, Hyderabad
24	P. Ajay Kumar	Assistant Professor (C)	CSE	JNTUH College of Engineering Hyderabad	Kukatpally, Hyderabad
25	Harika Burugadda	Assistant professor	CSE	Vijay Rural Engineering College	Nizamabad, T.S.
26	Sampathkumar Nagilla	Assistant Professor(C)	CSE	JNTUHCEH	Kukatpally, Hyderabad, T.S.
27	K. BalakrishnaMaruthiram	Assistant Professor(C)	CSE	JNTUH – SIT	Kukatpally, Hyderabad, T.S.
28	Rajkumar Patil	Assistant Professor	CSE	Malla Reddy Institute of Technology & Science	Maisammaguda, Dhulapally, Secunderabad, T.S.
29	A. Venugopala Rao	Assistant Professor	CSE	Malla Reddy Institute of Technology & Science	Maisammaguda, Dhulapally, Secunderabad, T.S.
30	P.N. Ramya	Assistant Professor	IT	GNITS	Shaikpet, Hyderabad, T.S.`
31	Dr. M. Srinivas	Director R & D	CSE	St. Mary's Group of Institutions	Deshmukhi, Pochampally, Yadadri Dist., T.S.
32	A. Lalitha	Assistant Professor	CSE	Vellore Institute of Technology	Chennai
33	B. Rajesh Khanna	Assistant Professor ©	EEE	JNTUH CEH, Hyd.	Kukatpally, Hyderabad
34	G. Nataraja Shekar	Assistant Professor	CSE	Sri Indu College of Engineering & Technology	Sheriguda, R.R. Dist. TS
35	B.Gayathri	Assistant Professor	CSE	Sri Indu College of Engineering & Technology	Sheriguda, R.R. Dist. TS
36	Gayathri V.	Assistant Professor	CSE	Government Science College	Bangalore, Karnataka

37	K S Saraswathi Devi	Assistant Professor	CSE	Government Science College	Bangalore, Karnataka
38	Litan Das	Assistant Professor	Mathematics	Midnapore College	Midnapore, West Bengal
39	M S Lakshmi Devi	Assistant Professor	CSE	Govt. First Grade College	Bangalore, Karnataka
40	Shilpa K.	Assistant Professor	CSE	Govt. Science College	Bangalore, Karnataka
41	Uday Bhaskar	Lecturer	Computer Science	Government College (A)	Ananthapur, A.P.
42	K. Haripriya Reddy	Assistant Professor	IT	Malla Reddy Engineering College & Management	Maisammaguda, Hyderabad, T.S.

**Note:**

- The participants who have not submitted the original application through proper channel are requested to submit at the time of Registration on 27-01-2020.



**DIRECTOR**

**Jawaharlal Nehru Technological University Hyderabad, Hyderabad**  
**UGC-Human Resource Development Centre**

**AICTE sponsored Faculty Development Programme on “Blockchain Technology”**  
**(27-01-2020 to 31-01-2020) Time Table**

Date	10.00 to 11.30	11.45 to 1.15	2.00 to 3.30	3.45 to 5.15
27-01-2020 Monday	Inauguration  <b>Introduction to BlockChain</b> By <b>Dr. Subba Rao Y V</b> Assoc. Professor, SCIS Hyderabad Central University Hyderabad	<b>Introduction to BlockChain</b> By <b>Dr. Subba Rao Y V</b> Assoc. Professor, SCIS Hyderabad Central University Hyderabad	<b>Permissionless Blockchains: Bitcoins</b> By <b>Dr. Subba Rao Y V</b> Assoc. Professor, SCIS Hyderabad Central University Hyderabad	<b>Permissioned Block Chains: HyperLedgerFabric</b> By <b>Dr. N.Rukma Rekha</b> Assoc. Professor, SCIS Hyderabad Central University Hyderabad
28-01-2020 Tuesday	<b>Basics Of BitCoin, Bitcoin lab</b> By <b>Mr.Mohit Bathla</b> IT Project Management    BFSI Domain    Certified Blockchain Expert (Decentrum, Co-Founder ) Hyderabad	<b>Cryptography &amp; Encryption Techniques used in Permissionless and Permissioned Blockchains</b>  By <b>Mr.Mohit Bathla</b> IT Project Management    BFSI Domain    Certified Blockchain Expert (Decentrum, Co-Founder )	<b>Introduction to HyperLedger Framework</b> By <b>Ms. Savitha S</b> Founder & CEO IT Project Management    BFSI Domain ( Xcelero Team) Sustenance’s Growth Cultivation Pvt. Ltd., Hyderabad	<b>HyperLedger Smart Contract Execution</b> By <b>Ms. Savitha S</b> Founder & CEO IT Project Management    BFSI Domain ( Xcelero Team) Sustenance’s Growth Cultivation Pvt. Ltd., Hyderabad
29-01-2020 Wednesday	<b>Basic Consensus Mechanisms</b> By <b>Dr. Sathya Peri</b> Associate Professor, Dept. of CSE IIT Hyderabad, Kandi T.S.	Alternate Consensus Mechanisms By <b>Dr. Sathya Peri</b> Associate Professor, Dept. of CSE IIT Hyderabad, Kandi T.S.	<b>Blockchain and Truth : Case study, Certifications in BlockChain, Job opportunities</b> By <b>Dr. Kannan Srinathan</b> Asst. Professor, IIIT Hyderabad	<b>Deployment of Blockchain Application on Hyperledger Fabric</b> By <b>Mrs. C. Sireesha</b> Principal Technical Officer CDAC, Hyderabad
30-01-2020 Thursday	<b>Introduction to solidity(Operators,Conditional Functions)</b> By <b>Ms.S. Savitha,</b> Blockchain Technical Architect, Government Blockchain Association (GBA), Amravati Chapter Lead( Xcelero Team )	<b>Access modifiers, Function modifiers in Blockchain Technology</b> By <b>Ms. S. Savitha,</b> Blockchain Technical Architect, Government Blockchain Association (GBA),Amravati Chapter Lead (Xcelero Team)	<b>Debugging, Logging, Viewing Live Transaction logs</b> By <b>Ms. S. Savitha,</b> Blockchain Technical Architect, Government Blockchain Association (GBA),Amravati Chapter Lead (Xcelero Team)	<b>Overview of Corda</b> By By <b>Ms. S. Savitha,</b> Blockchain Technical Architect, Government Blockchain Association (GBA),Amravati Chapter Lead (Xcelero Team)
31-01-2020 Friday	<b>Inheritance, Multiple Contracts, Modifiers, Checkers, Error Handling Mechanisms</b> By <b>Mr. Prasanth Kumar Sahoo</b> System Engineer, TCS, Hyderabad	<b>Data Structures in solidity (Arrays, Mapping, Struct, nested Arrays)</b> By <b>Mr. Prasanth Kumar Sahoo</b> System Engineer, TCS, Hyderabad	<b>Introduction To Web3.js (Receiving, Sending data, Interacting with Web3.js )</b> By <b>Mr. Prasanth Kumar Sahoo</b> System Engineer, TCS, Hyderabad	<b>Introduction To Web3.js (Receiving, Sending data, Interacting with Web3.js )</b> By <b>Mr. Prasanth Kumar Sahoo</b> System Engineer, TCS, Hyderabad

Tea break

Lunch Break

Tea break



Name of the Course	Schedule	No. of days	Sponsored by	No. of Participants
FDP - Blockchain Technology	27.01.2020 to 31.01.2020	5	AICTE	42

**Group Photo**

