No.: GTU/GIC/DIC/workshop/2021/33   Date: 1 / 1 / 2022

Circular

5 Days Workshop on Blockchain Technology
organized by Design Innovation Centre in a collaboration with GISC TBI

To,

Principals/Directors of Colleges affiliated to GTU

About GTU:

Gujarat Technological University is a premier academic and research institution that has driven new ways of thinking since its 2007 founding, established by the Government of Gujarat vide Gujarat Act No. 20 of 2007. Today GTU is an intellectual destination that draws inspired scholars to its campus, keeping GTU at the nexus of ideas that challenge and change the world. GTU is a State University with 486 affiliated colleges in its fold operating across the state of Gujarat through its FIVE zones at Ahmedabad, Gandhinagar, Vallabh Vidyanagar, Rajkot, and Surat. The University caters to the fields of Engineering, Architecture, Management, Pharmacy, and Computer Science. The University has about 4,00,000 students enrolled in a large number of Diploma, Under Graduate, Post Graduate programs along with the robust Doctoral program.

About Design Innovation Centre - GTU:

GTU since its foundation in 2007, is striving to create, achieve and support unique initiatives in design, innovation, and entrepreneurship to build a holistic ecosystem by the intervention of the latest technologies. Considering its efforts in developing such an ecosystem MoE has awarded the grant to GTU for the establishment of a full-fledged Design Innovation Centre (DIC) to promote nurture and advance the culture of design, innovation, creative problem solving, and entrepreneurship among young minds at GTU premies as Hub and other three institutes as Rajkot, Surat and Modasa as spokes to cover the entire state. DIC would support Innovators in product design and development, prototype building through full-fledged fablab, mentorship and networking, IPR support, training and workshop, skill developments, fellowship, and awards to best projects/solutions and co-working space.

Blockchain Technology Workshop

Blockchain was outlined in 1991, with the main motive to store & secure digital data. By the time Blockchain has become one of the trending technologies in the digital era. This 5 Days workshop on Blockchain Technology will help the participants to understand how this technology works, what is digital currency, use cases, and how can evolve more with this technology.

Winners of : ICT Enabled University Award E-India - 2009 ❖ Manthan Award ... ❖ ...
❖ Digital Learning WES - 2011 Award ❖ AIMS International Innovative University Award ...

Chandkheda : Nr. Campus of Vishwakarma Government Engineering College, Sabarmati - Koba Highway, Nr. Visat Three Roads Chandkheda, Ahmedabad - 382 424. Gujarat, India Ph. 079 - 232 67 500
Ahmedabad : 2nd Floor, ACPC Building, L. D. College of Engineering Campus, Navrangpura, Ahmedabad (Gujarat) India - 380 015. Phone : + 91 - 79 - 26 300 499 / 599 Fax : + 91 - 79 - 26 30 1500
Gandhinagar : K-6 Circle, E-4 Electronic Estate G.I.D.C., Nr. Goverment Polytechnic, Sector-26, Gandhinagar - 382 028 Gujarat e-mail : info@gtu.ac.in URL : www.gtu.ac.in

GUJARAT TECHNOLOGICAL UNIVERSITY

(Established Under Gujarat Act No.: 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

ESTD - 2007

Who Can Attend?

This Workshop is open for all students / faculties / Innovators / Industry People.

Registration Link: https://forms.gle/RFkz9qCbXjviFVfC6

Registration Fees: Rs.100/- (Non-Refundable).

Requirement: Laptop with at least 4 GB RAM.

Duration: 2 Hrs. / Day.

Note:

1. Workshop Certificate will be considered under 100 activity Points technical events.
2. Limited seats are available.
3. The last day of registration is 12th January 2022.

Payment Details:

Bank Details of GISC
Name: GTU INNOVATION & STARTUP CENTER
Bank: State Bank of India
Account No: 36966340250
IFSC CODE: SBIN0011770
Branch: IIT Gandhinagar

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SBI Pay

Scan & Pay Using Any UPI App or
UPI ID: gtuinnovation@sbi
MERCHANT NAME: GTU INNOVATION AND STARTUP
CENTRE

BHIM UPI

Event Calendar:

Date: 17th January 2022 to 21st January 2022.
Venue:
Design Innovation Center
GTU Campus, Chandkheda, Ahmedabad.
Time of Course: 4.00 PM (IST).

For any query you may contact to:

MS. Niyati Raval, Research Assistant, DIC – GTU.
Email: dic@gtu.edu.in / ra_niyati@gtu.edu.in
Phone: 079-23267531/593

Registrar આધુ

Winners of : ICT Enabled University Award E-India - 2009 ❖ Manthan Award ❖ UGC
❖ Digital Learning WES - 2011 Award ❖ AIMS International Innovation

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Appendix A

Topics to cover in 5 Days Workshop on Blockchain Technology

Date	Syllabus Content
DAY 1 (17/01/2022)	Introduction– basic ideas behind blockchain, how it is changing the landscape of digitalization.
DAY 2 (18/01/2022)	Hashing, public-key cryptosystems, private vs. public blockchain, and use cases.
DAY 3 (19/01/2022)	Introduction to Bitcoin Blockchain, Use cases of Bitcoin Blockchain scripting language in micropayment.
DAY 4 (20/01/2022)	Alternative coins – Ethereum and Smart Contracts.
DAY 5 (21/01/2022)	Uses of Blockchain in E-Governance, Land Registration, Medical Information Systems, and others.

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