



Faculty Development Programme
**BLOCK CHAIN
TECHNOLOGIES &
APPLICATIONS**

FOR REGISTER



29th, 30th & 31st
AUGUST - 2022

Sponsored by

**APJ ABDUL KALAM
TECHNOLOGICAL
UNIVERSITY**

Organized by

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LBS INSTITUTE OF TECHNOLOGY FOR WOMEN
(GOVERNMENT OF KERALA UNDERTAKING)**

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ABOUT THE INSTITUTION

LBS Institute of Technology for Women, established in the year 2001 is the first Engineering College for Women in Kerala. This is managed by LBS Centre for Science and Technology, Thiruvananthapuram. During the 20 years of existence, it has achieved excellence in imparting Technical education for Women. At present the College offers four undergraduate programs (B.Tech) in Electronics and Communication Engineering, Computer Science and Engineering, Information Technology, and Civil Engineering. We got approval to start a new B.Tech program in Electronics and Computer Engineering. College also offers two post graduate programs (M.Tech) in Signal Processing and Computer Science and Engineering. LBSITW is a recognized research centre of APJ Abdul Kalam Technological University.

VISION OF THE DEPARTMENT

To be renowned Academic and Research centre in Computer Science and allied domains.

MISSION OF THE DEPARTMENT

To impart quality technical education by providing a conducive learning and research ambience for moulding ethically responsible Engineers, Academicians and Researchers catering to the needs of the industry and society

ABOUT THE PROGRAMME

Blockchain, a public ledger to share information, is one of the emerging technologies in use today that is still undergoing extensive development and research. Being a decentralized technology, it can facilitate and secure transactions across a large network of untrusted participants. The blockchain technology has a wide range of potential applications in fields such as healthcare, eCommerce, finance, supply chain, online voting, transportation etc.

This FDP aims to impart fundamental and practical knowledge on concepts related to Blockchain technology. It also intends to provide insight into the design and development of applications in leading Blockchain platforms such as Ethereum. Participants will learn about the deployment of blockchain technology and improve their technical abilities through hands-on training..

TOPICS COVERED

- Blockchain – Introduction and its Components
- Smart Contracts and Ledgers
- Ethereum Blockchain platform (Theory and Hands-on)
- Solidity (Hands-on)
- Smart Contract Deployment /Framework (Hands-on)
- Dapp Architecture
- Dapp development (Hands-on)
- Challenges and Future Scope

RESOURCE PERSONS

Eminent Experts from industry will deliver the sessions with practical demonstrations.

WHO CAN APPLY?

Faculty members from KTU affiliated institutions are eligible to apply for the program. There are no registration fees for the course. The number of participants is limited to 30 and selection will be done on first-cum-first-serve basis. Participants will be provided refreshments/ working lunch during the course. No TA/ DA will be provided to the participants.

HOW TO APPLY?

Participants interested in attending are required to register using the link given below.

<https://forms.gle/UbcdKS3q5yo2QmBs6>

IMPORTANT DATES

- | | |
|-------------------------------|--------------------------------|
| Registration Deadline | – 24 th August 2022 |
| Intimation of Selection | – 25 th August 2022 |
| Confirmation of Participation | – 27 th August 2022 |

APJAKTU sponsored FDP
on

BLOCKCHAIN TECHNOLOGIES & APPLICATION
(29th to 31st August 2022)

REGISTRATION FORM

1. Name (in Block letters):

2. Gender: 3. Designation:

4. Organization:

5. Address for communication:

.....

.....

Pin code: Mob. No:

E-mail:

6. Educational Qualification:

7. Specialization:

8. Experience(Yrs): (a) Teaching: (b) Industrial: ...

DECLARATION

I do hereby declare that the details furnished above are true to the best of my knowledge and belief.

Signature of Applicant

CERTIFICATE

Certified that Mr/Mrs.

..... is a faculty member of our institution, which is affiliated to APJAKTU. He/ She will be permitted to attend the FDP on “Blockchain Technologies and Applications”, if selected.

Place: (Office seal)

Date:..... Signature of Principal