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Honorary Chairman, LBRCE
- **Sri Lakireddy Prasad Reddy, USA,**
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- **Sri.G.Srinivasa Reddy,**
President, LBRCT

PRINCIPAL INVESTIGATOR

- **Dr.K.V.Ramana**
Rector, JNTUK, Kakinada

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Principal, LBRCE
- **Dr.B.Ramesh Reddy,**
Vice Principal, LBRCE
- **Dr.M.Srinivasa Rao,**
Dean Academics, LBRCE

CONVENERS

- **Dr.O.Rama Devi,**
Professor & HoD of AI&DS
- **Dr.S.Jayaprada,**
Professor & HoD of CSE(AI&ML)
- **Dr.A.Adishesha Reddy,**
Professor & HoD of MBA

COORDINATORS

- **K.Sudhakar,** Sr.Asst.Professor, AI&DS
- **K.Venkatesh,** Sr.Asst.Professor, AI&DS
- **R.Chiranjeevi,** Asst.Professor, CSE(AI&ML)
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- **K.Ravi Kiran Yasaswi,** Asst.Professor, MBA

RESOURCE PERSONS



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Mr.R.Kumar
Project Manager
Aditi Software, Hyderabad.
Telangana.



FACULTY UPDATION PROGRAMME On CYBERSECURITY IN FINANCIAL SERVICES (HYBRID MODE)

ISEA PHASE-III PROJECT SPONSORED

17.03.2025 To 21.03.2025

17,18 (Offline), 19-21 (Online)

10 AM- 12 PM, 2 PM - 4 PM



Organized by

JNTUK KAKINADA



**LAKIREDDY BALI REDDY
COLLEGE OF ENGINEERING**
(Autonomous)

(Spoke Institute)

L B Reddy Nagar, Mylavaram-521230. AP
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ABOUT LBRCE



Lakireddy Bali Reddy College of Engineering (LBRCE) was founded through Lakireddy Bali Reddy Charitable Trust in 1998 by eminent philanthropist and NRI Entrepreneur Sri Lakireddy Bali Reddy, a Chemical Engineer by qualification. Since the inception, LBRCE aims at co-creating value-based technical excellence, which ultimately leads to the development of the rural area where the college is situated. Lakireddy Bali Reddy College of Engineering (LBRCE), approved by AICTE and affiliated to JNTUK, Kakinada is an Autonomous Institution since 2010 and has been accredited by NAAC with 'A' Grade (3.20 / 4 in Cycle-2), NBA (ASE, CE, CSE, IT, ECE, EEE, & ME) under Tier-I and ISO 21001:2018, 14001:2015, 50001:2018 Certified.

PARTICIPANTS

- The faculty members, Research scholars & PG Scholars of the AICTE approved institutions and Industry Personnel
- Attendance is mandatory
- All participants will receive the certificate of participation
- Follow the updates in WhatsApp Group

REGISTRATION

- **Register Here:** <https://faas.isea.app/formview/FDP20250313EOGH>
- **Registration Fee: FREE**
- **Registration Last Date: 16.03.2025**
- **Accommodation, TA for 3rd AC ticket fare will be provided to outside participants.**

ADDRESS FOR COMMUNICATION

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OBJECTIVES

- Understand the Fintech Ecosystem and Key Technologies
- Master Blockchain Fundamentals and Applications
- Explore Digital Banking Transformation
- Analyze Cryptocurrency Markets and Tokenization
- Evaluate Smart Contracts and Decentralized Finance (DeFi)

ABOUT FUP

Fintech, short for financial technology, has revolutionized the financial services industry by introducing innovative solutions that enhance efficiency, accessibility, and customer experience. One of the most transformative technologies in this space is blockchain. Blockchain technology, with its decentralized and immutable ledger system, offers unparalleled security and transparency, making it an ideal fit for financial services. It enables secure and efficient transactions, reduces the need for intermediaries, and minimizes the risk of fraud. By leveraging blockchain, fintech companies can offer services such as peer-to-peer lending, digital identity verification, and cross-border payments with greater speed and lower costs.

The integration of blockchain in financial services has also given rise to decentralized finance (DeFi), a system that allows for direct transactions between parties without the need for traditional financial intermediaries. DeFi platforms utilize smart contracts to automate and enforce agreements, ensuring trust and transparency in financial transactions. This has opened up new opportunities for financial inclusion, allowing individuals and businesses in underserved regions to access financial services. This FUP focuses on key concepts of Fintech & Blockchain technology balancing theoretical concepts with practical applications and curriculum development guidance.

FUP OUTCOME

- Enhanced Understanding of Fintech and Blockchain:
- Practical Knowledge of Blockchain Applications:
- Insights into Digital Banking and Payments: .
- Comprehensive Knowledge of Cryptocurrencies and Tokenization:
- Skills in Smart Contracts and DeFi:

5 - DAY SCHEDULE

- **Day 1: Foundations of Fintech and Block chain**
 - Morning Session:
 - Introduction and Program Overview
 - Evolution of Financial Technology
 - Blockchain Fundamentals
 - Afternoon Session:
 - Pedagogical Approaches for Teaching Fintech
 - Hands-on Workshop: Blockchain Basics
 - Day 1 Reflection and Discussion
- **Day 2: Digital Payments, Banking, And Cryptocurrency**
 - Morning Session:
 - Digital Payments Revolution
 - Digital Banking Transformation
 - Afternoon Session:
 - Cryptocurrency Fundamentals
 - Hands-on Workshop: Digital Currencies
 - Day 2 Reflection
- **Day 3: Smart Contracts, DeFi, And Enterprise Block chain**
 - Morning Session:
 - Smart Contracts and Decentralized Applications
 - Decentralized Finance (DeFi)
 - Afternoon Session:
 - Enterprise Blockchain Applications
 - Hands-on Workshop: Smart Contracts
 - Day 3 Reflection
- **Day 4: Fintech Innovation, Regulation, And Security**
 - Morning Session:
 - Emerging Fintech Innovations
 - Regulatory Technology and Compliance
 - Afternoon Session:
 - Cybersecurity in Fintech and Blockchain
 - Hands-on Workshop: RegTech and Security
 - Day 4 Reflection
- **Day 5: Curriculum Development and Future of Fintech**
 - Morning Session:
 - Designing Fintech and Blockchain Curricula
 - Future Trends in Fintech and Blockchain
 - Afternoon Session:
 - Collaborative Curriculum Development Workshop
 - Program Conclusion and Action Planning
 - Certification and Closing