



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

Inauguration of 5 Day FUP

The 5-day FUP programme has been inaugurated in a delightful way with all the dignitaries and the host institution conveners and coordinators, indeed with all enthusiastic participants from all institutions with over 166 in count.

The principal investigator Dr K V Ramana garu has Enlightened the importance of the FUP on the burning topic Cybersecurity in Financial services. He has narrated the importance of the Project ISEA PHASE-III which is a prestigious project granted with lot of expectations and enrichment to the faculty and scholars.

The spoke institute and host Principal Dr K Appa Rao sir expressed his thanks to the Rector JNTUK, Kakinada Dr K V Ramana sir for choosing the institute to empower faculty through the FUP.

The Session speaker, Sri Ram Kumar, Project Manager, Aditi Software has expressed his gratitude for electing as a resource person for this event. He has explained the concepts of Blockchain, its role & impact on the financial sector. He has provided the hands on session on how blockchain works and its flow with fundamental setup.

CHIEF PATRONS

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

PRINCIPAL INVESTIGATOR

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

PATRONS

- **Dr.K.Appa Rao,**
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)
- **Y.Kranthi Kumar,** Asst.Professor, CSE(AI&ML)
- **Dr.O.Naresh,** Asso.Professor, MBA
- **K.Ravi Kiran Yasaswi,** Asst.Professor, MBA

RESOURCE PERSONS



Dr. K.V.Ramana
Professor, Dept of CSE.
Rector, JNTUK, Kakinada



Dr. Rajendra Pamula
Associate Professor
Department of CSE, IIT (ISM)
Dhanbad, Jharkhand.



Dr. Ramesh Babu Battula
Associate Professor
Dept. of Computer Engineering,
MNIT, Jaipur. Jharkhand



Dr. E. Suresh Babu
Assistant Professor, Sr.Grade-I
Department of CSE, NITW
Warangal, Telangana



Dr.N.Vijayraj
Professor
Head, Dept.of CSE,
School of Computing, VeiTech,
Chennai, Tamil Nadu.



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



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Organized by

JNTUK KAKINADA



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

(Spoke Institute)

L B Reddy Nagar, Mylavaram-521230. AP
www.lbrce.ac.in



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@lbrce_1



@lbrce



@LbrceAutonomous

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

K.Sudhakar, Dept of AI&DS, LBRCE
Email: ksudhakar@lbrce.ac.in,
Phone: +91-9010503595

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

GALLERY



Dr.K.V.Ramana Sir welcome by Ms.G.Divya



Principal Dr.K.Appa Rao, Resource Person Mr Ram Kumar, Project Manager, Aditi Software, Principal Investigator Dr K V Ramana



Convener Dr.S.Jayaprada speech



Faculty joined for the 2 Days of the Offline Programme



Principal Dr.K.Appa Rao speech



Sri Ram Kumar, Project Manager, Aditi Software, Hyderabad Speech



Dr.K.V.Ramana, Rector, JNTUK, Kakinada and Principal Investigator of the programme speech

DAY -1 [OFFLINE]



Mr.R.Kumar
Project Manager

Aditi Software, Hyderabad.
Telangana.

The topics discussed during the first day of the workshop

- **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**

GALLERY



Sri Ram Kumar sir during the hands on session



**Sri Ram Kumar sir being felicitated by the
Convenors of the FUP**

DAY-II [OFFLINE]

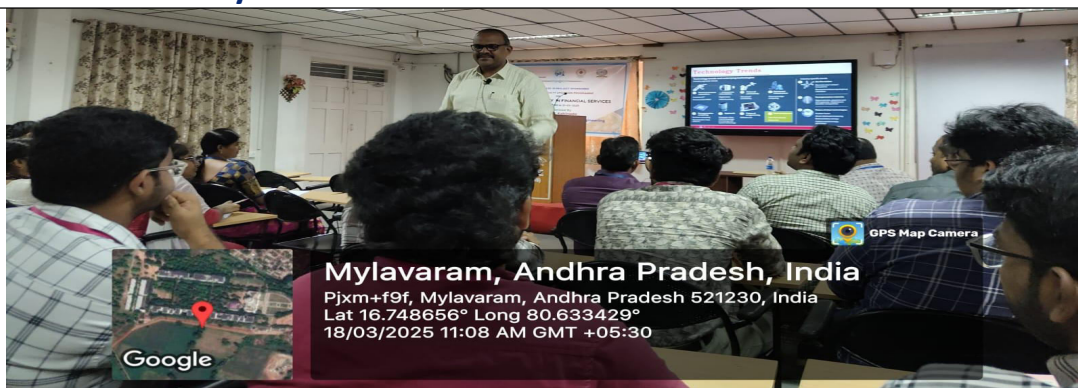


Dr. E. Suresh Babu
Assistant Professor, Sr. Grade-I
Department of CSE, NITW
Warangal, Telangana

The Session speaker, Dr.E. Suresh Babu, Asst.Professor, Sr. Grade-I, NIT Warangal has expressed his gratitude for electing as a resource person for this event. He has explained the concepts of Blockchain, Cryptocurrency Fundamentals and Digital Banking Transformation. He has provided the hands on session on how Wallet setup instructions and Transaction verification steps.

Topics discussed during the second day of the workshop

- **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



Dr E Suresh babu sir explaining the concepts of Digital Payments, Banking, And Cryptocurrency



Ms Hema III B.Tech (AI&DS) feedback on the session held

DAY-III [ONLINE]



Dr. Ramesh Babu Battula
Associate Professor

Dept. of Computer Engineering,
MNIT, Jaipur.

The Session speaker, Dr. Ramesh Babu Battula, Associate Professor, Department of Computer Science & Engineering, MNIT Jaipur, Rajasthan, has expressed his gratitude for electing as a resource person for this event. He has explained the concepts of Smart Contracts, DeFi, Documentary credit process and Enterprise Blockchain. He has provided the hands on session on how simple contract creation steps, Testing and deployment process.

Topics discussed during the Third day of the workshop

- **Morning Session:**
 - Smart Contracts and Decentralized Applications
 - Decentralized Finance (DeFi)
- **Afternoon Session:**
 - Enterprise Blockchain Applications
 - Hands-on Workshop: Smart Contracts
 - Day 3 Reflection

GALLERY

Why is consensus a hard problem?

DB	SB
Dr. Ch. R...	Sk Bashe...
KB	PA
K. Vinay...	PAMIDI...
N	Mr. Katt...
narendra	Mr. Katt...
RB	JK
ramesh	Jaya Kris...
DN	DR
Dharani ...	Durga R...
DU	SV
Dr. Hema...	sowjanya...
J	shaik tan...
jayakrish...	shaik tan...
D	HC
Dr. K. Shai...	P. KALYA...
NP	+62
NAREND...	

FUP on Cybersecurity for Financial Services

Language changes detected. Please restart Teams to see the change.

02:44:24

Take control Pop out Chat People Raise React View Notes Apps More Camera Mic Share Leave

Participants

Type a name

Share invite

SA shaik tanveer fathe aha... (External)

PK P V Kishore Kumar (External)

KR Krishna Ramya (External)

FM Farheen Mohammad (External)

RK Rajendra Kodamanchili (External)

JC johnwesly chappidi (External)

DK Dr.B.R. Kumar (External)

PJ pawan jakhar (External)

DM Dr.A. Madhuri (External)

RG ramana gurrula (External)

MS Mr. P. Veera Swamy (Unverified)

A Simple (PBFT-style) PoS Protocol*

Need votes from $\frac{2}{3} \times \text{total number of nodes } (n)$ for finality:
Quorum size = $\frac{2}{3} \times \text{total number of nodes } (n)$

epochs

e

e+1

...

Alice's log:

Staked Coins

The diagram illustrates a PBFT-style PoS protocol. It features a world map with several nodes represented by orange pins. A timeline on the left shows epochs e, e+1, and so on. A transaction tx_1 is shown being processed. A box labeled 'Staked Coins' contains several gold coin icons. The text indicates that a quorum of $\frac{2}{3}$ of the total nodes is needed for finality.

02:44:24

Search

ENG IN 14:50 19-03-2025

FUP on Cybersecurity for Financial Services

02:11:51

Take control Pop out Chat People Raise React View Rooms Apps More Camera Mic Share Leave

Byzantine Broadcast (BB)

- There are n nodes (where n is fixed), one of which is the leader.
- For a public f , a subset of f nodes is adversarial, and all other nodes are honest
- The leader has an input value 0 or 1.
- Network is synchronous.

Byzantine Broadcast Problem:

- Agreement:** No two **honest** nodes output **different** values.
- Validity:** Leader is **honest** \Rightarrow All **honest nodes** output the value **input to the leader**.
- Termination:** All **honest** nodes eventually output some value.

No double spend

even when the leader is adversarial!!

No censorship

DA On hold

SC

IH

DK

DK

PM

PL

DB

DS

KR

SN

YC

< 5/7 >

02:11:51

ENG IN 11:52 19-03-2025

39:57

Pop outChatPeopleRaiseReactViewMoreCameraMicShareLeave

smart contract - Presentation (Standard Solution Excel)

123456

Physical Contracts

Alice

Bob

Blockchain/permissioned ledger, programming & encryption

Transaction names

Smart Contracts

Lower operational Overheads & costs leading To economical financial products

Smart Contracts

A Software program on the distributed Ledger, allowing an Immutable & Verifiable records of all Contracts & Transactions

Faster, simpler & hassle-free processes. Reduced settlement times

Reduced administration & service costs Owing to automation & ease of compliance & reporting

Banks, Insurers, Capital Markets

Act as custodians of assets, validators & authorities of all contracts & transactions

Regulators/Auditors

Mr. Kattup...SABITHA L...ramesh Ba...Sandeep (Guest)dipali autiView all

DJ

DAY-IV [ONLINE]



Dr. N. Vijayraj

Professor

**Head, Dept. of CSE,
School of Computing, VelTech,
Chennai, Tamil Nadu.**

The Session speaker, Dr.N.VijayaRaj, Professor, Department of Computer Science Engineering, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology. He has expressed his gratitude for electing as a resource person for this event. He has explained the concepts of Fintech Innovation, Regulation and Security. He has provided the hands-on session on various security issues.

Topics discussed during the Fourth Day of the Workshop

- **Morning Session:**
 - Emerging Fintech Innovations
 - Regulatory Technology and Compliance
- **Afternoon Session:**
 - Cybersecurity in Fintech and Blockchain
 - Hands-on Workshop: RegTech and Security

Connection-specific DNS Suffix : .

IPv6 Address : 2409:40f4:40da:4adb:fc06:e39a:c7c1:e2ff

Temporary IPv6 Address : 2409:40f4:40da:4adb:bdb8:10c3:11c:9625

Link-local IPv6 Address : fe80::b0f3:23c4:8b42:c306%16

IPv4 Address. : 192.168.172.124

Subnet Mask : 255.255.255.0

Default Gateway : fe80::d838:b6ff:fe09:85c%16

192.168.172.109

C:\Users\LENOVO>tracert 8.8.8.8

Tracing route to dns.google [8.8.8.8]
over a maximum of 30 hops:

hop	source	target	source	target	source	target
1	4 ms	5 ms	4 ms	192.168.172.109		
2	*	*	*	Request timed out.		
3	*	*	*	Request timed out.		
4	*	*	*	Request timed out.		
5	208 ms	138 ms	55 ms	192.168.227.98		
6	49 ms	61 ms	64 ms	192.168.68.134		
7	*	*	*	Request timed out.		
8	*	*	*	Request timed out.		
9	88 ms	*	156 ms	72.14.196.126		
10	35 ms	69 ms	57 ms	142.250.208.105		
11	90 ms	64 ms	51 ms	142.251.55.239		
12	48 ms	70 ms	48 ms	dns.google [8.8.8.8]		

Trace complete.

C:\Users\LENOVO>

Revalidate in 32s

teams.microsoft.com is sharing your screen. Stop sharing Hide

32°C Place

1:28:59 / 1:51:10

Cyber security (Compatibility Mode) - PowerPoint

File Home Insert Design Transitions Animations Slide Show Review View Help Acrobat Format Tell me what you want to do

Clipboard Slides

Slide 57 of 76

COOKIES

- FIRST PARTY COOKIES
- THIRD PARTY COOKIES
- SESSION COOKIES
- PERSISTENT COOKIES
- SECURE COOKIES
- ZOMBIE COOKIES

Difference between Cache and Cookies

Cache stores Javascript, CSS, HTML pages, media (images and videos), etc. Cookies store temporary data for tracking, such as browsing sessions, history of using websites and apps, etc. Caches are comparatively less memory efficient. They occupy a lot of space on any device.

3/20/2025

Slide 57 of 76

English (United States)

1:46:15 / 1:51:10

11:03

Chat People Raise React View More Camera Mic Share Leave

Capturing from WiFi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ...

No.	Time	Source	Destination	Protocol	Length	Info
850	0.082898	2404:40F4:40DA:4EDB::	2409:40F4:40DA:4EDB::	QUIC	87	Protected Payload (KPB)
851	0.099959	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	178	51808 → 3480 Len=116
852	0.115789	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	178	51808 → 3480 Len=116
853	0.139537	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	176	51808 → 3480 Len=114
854	0.161128	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	171	51808 → 3480 Len=109
855	0.162744	2603:1063:117:185	2409:40F4:40DA:4EDB::	RTCP	182	Payload-specific Feedback FIR
856	0.162744	2603:1063:117:185	2409:40F4:40DA:4EDB::	RTCP	286	Receiver Report [(Malformed Packet)]
857	0.179453	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	177	51808 → 3480 Len=115
858	0.199463	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	175	51808 → 3480 Len=113
859	0.219554	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	175	51808 → 3480 Len=113
860	0.239528	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	176	51808 → 3480 Len=114
861	0.259511	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	186	51808 → 3480 Len=124
862	0.279430	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	186	51808 → 3480 Len=124
863	0.281241	2603:1063:117:185	2409:40F4:40DA:4EDB::	UDP	150	3480 → 51808 Len=89
864	0.299777	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	189	51808 → 3480 Len=127
865	0.328309	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	183	51808 → 3480 Len=123
866	0.339534	2409:40F4:40DA:4EDB::	2603:1063:117:185	UDP	181	51808 → 3480 Len=119

Frame 1: 181 bytes on wire (1448 bits), 181 bytes captured (1448 bits) on interface DeviceNPF_{0E580F59-0010-66-5C-FB-A1-2D-3C-01} 80.60% Fe 01 86 dd 60 02 ...

Ethernet II, Src: LiteonTechno_80:fe:d1 (3c:91:80:60:fe:d1), Dst: da:5c:fb:a1:2d (da:5c:fb:a1:2d)

Internet Protocol Version 6, Src: 2409:40F4:40DA:4EDB:569:58e:900b:2739, Dst: 2603:1063:117:185

User Datagram Protocol, Src Port: 51808, Dst Port: 3480

Data (119 bytes)

0000 da 5c fb a1 2d 3c 01 80 60 fe 01 86 dd 60 02 ...

0010 66 5c 00 7f 11 3f 24 09 40 f4 40 da 4e 05 69 f 75 @ @ N i

0020	e5 8e 00 0b 27 39 26 03 10 63 01 17 00 00 00 00	'98 c
0030	00 00 00 00 01 85 c a 04 08 00 7f 21 75 00 6f	lv o
0040	9c 12 b4 19 a7 56 46 a0 da 25 be da 00 02 22 85	VF % "
0050	35 05 11 87 2e 00 11 b4 fa 20 02 a3 04 75 00 98	5 1 0 v
0060	63 a3 2a 2f 5a dc 0f da 10 2b a7 7a 79 a9 d9	c / + - t9
0070	a3 04 16 0e bf 6d a4 fb ed 11 cd 1a 3a 68 ca e7	n dh
0080	f2 01 33 35 09 cb 45 26 a0 35 cc da ae 34 c4 0f	35 & 5 4
0090	da ed f9 17 29 b0 c0 e3 0f d2 56 0c 39 fd 0b cf) V 9
00a0	70 3d ce 05 a4 68 95 a2 08 06 25 3a 6c 5f 2b a0	p ch %1 +
00b0	a0 61 3e 5c 72	a v r

teams.microsoft.com is sharing your screen. Stop share

Dr.Vijayaraj.N (Unverified)

Search

02:28 PM 20/03/2025

12:16

Chat People Raise React View More Camera Mic Share Leave

Magnifier

200%

Content-type: application/x-www-form-urlencoded\r\n

Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;

Referer: http://testphp.vulnweb.com/login.php\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: en-US,en;q=0.9\r\n

\r\n

[Full request URI: http://testphp.vulnweb.com/userinfo.php]

[HTTP request 1/1]

[Response in frame: 2227]

File Data: 20 bytes

HTML Form URL Encoded: application/x-www-form-urlencoded

- Form item: "uname" = "test"
- Form item: "pass" = "test"

Ready to load or capture

33°C

Dr.Vijayaraj.N (Unverified)

Search

02:28 PM 20/03/2025

14:34

Chat People Raise React View More Camera Mic Share Leave

Statistics Telephony Wireless Tools Help



Case sensitive Display filter http.request.method==POST

	Destination	Protocol	Length	Info
24	44.228.249.3	TCP	66	56518 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
a:4edb...	2603:1063:117::185	UDP	357	51808 → 3480 Len=295
a:4edb...	2603:1063:117::185	RTCP	138	Sender Report Extended report (RFC 3611) [Malformed Packet]
a:4edb...	2603:1063:117::185	UDP	357	51808 → 3480 Len=295
	192.168.172.124	TCP	66	80 → 56517 [SYN, ACK] Seq=0 Ack=1 Win=62727 Len=0 MSS=1300 SACK_P
	44.228.249.3	TCP	54	56517 → 80 [ACK] Seq=1 Ack=1 Win=131072 Len=0
24	44.228.249.3	TCP	54	56516 → 80 [ACK] Seq=1 Ack=1 Win=131072 Len=0
24	44.228.249.3	HTTP	699	POST /userinfo.php HTTP/1.1 (application/x-www-form-urlencoded)
a:4edb...	2603:1063:117::185	UDP	357	51808 → 3480 Len=295
a:4edb...	2603:1063:117::185	UDP	357	51808 → 3480 Len=295
a:4edb...	2603:1063:117::185	UDP	357	51808 → 3480 Len=295
a:4edb...	2603:1063:117::185	DTLSv1...	127	Application Data
a:4edb...	2603:1063:117::185	UDP	173	51808 → 3480 Len=111
a:4edb...	2603:1063:117::185	UDP	103	51808 → 3480 Len=41
a:4edb...	2603:1063:117::185	UDP	357	51808 → 3480 Len=295
a:4edb...	2603:1063:117::185	DTLSv1...	1180	Application Data

Dr. Vijayaraj N (Unverified)

D

Dr. Vijaya...

KB

Kshatry...

MK

Musa Kal...

R

razeena ...

JK

jaya kris...

SS

SHAIK S...

Y

YNM (LB...

LM

Lalitha ...

NP

Naga Ma...

DB

Dr. Rajendra Prasad Banavathu

< 1/6 >

DAY-V [ONLINE]



Dr. Rajendra Pamula
Associate Professor
Department of CSE, IIT (ISM)
Dhanbad, Jharkhand.

The Session speaker, Dr. Rajendra Pamula, Associate Professor, Department of Computer Science & Engineering, Indian Institute of Technology (IIT), Dhanbad, Jharkhand. He has expressed his gratitude for electing as a resource person for this event. He has explained the concepts of Quantum Cryptography, AI in Cyber security, Security updates and levels, Fintech and Blockchain Curricula.

Topics discussed during the Fifth Day of the Workshop

- **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

The screenshot shows a Zoom meeting interface. At the top, there is a toolbar with icons for Chat, People (39), Raise, React, View, More, Camera, Mic, Share, and a red 'Leave' button. Below the toolbar is a row of participant tiles. The first tile, labeled 'RP' (Rajendra Pamula), is highlighted with a blue border. Other tiles include 'PL', 'DJ', 'MS', 'DJ', 'PK', 'MK', 'AG', and 'D' (Dr. Sk. Jameer). Below the participant tiles is a presentation slide titled 'IMPORTANCE OF ANDROID SECURITY'. The slide content includes a bulleted list:

- Sensitive Data Storage: Smartphones store a wealth of sensitive data, including:
 - Passwords and credentials for online accounts.
 - Banking and financial information (e.g., credit card details, payment apps).
 - Personal photos, videos, and messages.
 - Location data from GPS and apps.

29:46

Chat People Raise React View More Camera Mic Share Leave

RP Raj... PL P... DJ Dr... MS Mr... MK Mu... AG AB... On hold GD Go... RA Ra... Dr.Sk.Jameer

Types of Permissions

- Normal Permissions (Automatically Granted)
 - Low-risk permissions that don't impact user privacy.
 - Examples:
 - INTERNET Access the internet.
 - VIBRATE Use device vibration.
- Dangerous Permissions (User Approval Needed)
 - High-risk permissions affecting user privacy or security.
 - Examples:
 - READ_CONTACTS Access contacts.
 - ACCESS_FINE_LOCATION Track precise location.
 - RECORD_AUDIO Use microphone.
- Special Permissions (System-Level Access)
 - Require explicit user approval in system settings.
 - Examples:
 - SYSTEM_ALERT_WINDOW Display overlays on the screen.
 - WRITE_SETTINGS Modify system settings.

Rajendra Pamula

36:17

Chat People Raise React View More Camera Mic Share Leave

RP Raj... PL P... DJ Dr... MS Mr... MK Mu... AG AB... On hold GD Go... RA Ra... Dr.Sk.Jameer

How Google Play Protect Works?

- App Scanning & Malware Protection**
 - Scans apps before installation from the Play Store.
 - Regularly checks installed apps for harmful behavior.
 - Warns users about potentially dangerous apps.
- Real-Time Threat Detection**
 - Uses machine learning & AI to detect suspicious activities.
 - Continuously updates its malware database.
 - If a malicious app is detected, it is automatically removed.
- Safe Browsing Protection**
 - Warns users about harmful websites in Google Chrome.
 - Blocks phishing attempts and fraudulent sites.
- Find My Device Feature**
 - Allows users to locate, lock, or erase their device if lost.
 - Works with Google account integration.

Rajendra Pamula

41:35

Chat People Raise React View More Camera Mic Share Leave

RP Raj... PL P... DJ Dr... MS Mr... MK Mu... AG AB... On hold GD Go... RA Ra... Dr.Sk.Jameer

The diagram illustrates the Android system architecture, organized into several layers:

- APPLICATIONS:** Includes Home, Contacts, Phone, Browser, and an overflow menu.
- APPLICATION FRAMEWORK:** Contains Activity Manager, Window Manager, Content Providers, View System, Package Manager, Telephony Manager, Resource Manager, Location Manager, and Notification Manager.
- LIBRARIES:** Includes Surface Manager, Media Framework, SQLite, OpenGL | ES, FreeType, WebKit, SGL, SSL, and libc.
- ANDROID RUNTIME:** Contains Core Libraries and Dalvik Virtual Machine.
- LINUX KERNEL:** Includes Display Driver, Camera Driver, Flash Memory Driver, Binder (IPC) Driver, Keypad Driver, WiFi Driver, Audio Drivers, and Power Management.

<http://developer.android.com/images/system-architecture.jpg>

Rajendra Pamula

VALEDICTORY

The programme aimed to enhance the teaching methodologies, research capabilities, and professional skills of faculty members across various disciplines.

Overview of the Programme

The programme featured distinguished resource persons and subject matter experts who delivered insightful sessions on various key topics. Throughout the event, participants engaged in interactive workshops, hands-on training, and panel discussions, which provided valuable learning experiences.





Feedback from Participants

The participants expressed their gratitude for the well-structured programme, emphasizing its relevance and effectiveness. Many appreciated the engaging sessions and the opportunity to learn from esteemed experts. Constructive feedback was received, which will help improve future training initiatives.

Valedictory Session Highlights

The valedictory session was graced by the chief guest Dr.K.V. RAMANAGARU, Rector, JNTU Kakinada, who delivered an inspiring speech on the significance of continuous learning and faculty updation. The session also included a summary of the key takeaways from the programme, followed by a distribution of certificates to participants and vote of thanks.



Acknowledgements

We extend our heartfelt gratitude to the Organizing Committee, Resource Persons, Sponsors for their invaluable contributions to the success of this programme. Special thanks to all the participants for their enthusiasm and commitment to professional growth. We also extend our appreciation to our technical team for ensuring that this event ran smoothly.

Lastly, I would like to thank all the organizers who have worked tirelessly behind the scenes to make this program a grand success. Without all your support, this journey wouldn't have been possible.

IMPACT ANALYSIS:

- To upgrade faculty knowledge in emerging subject areas.
- To improve teaching methodologies and student engagement strategies.
- To enhance research skills and interdisciplinary collaboration.
- To integrate technology into teaching practices.

Conclusion

The Faculty Updation Programme has been an enriching experience, fostering knowledge-sharing and skill enhancement among faculty members. The insights gained from this programme will undoubtedly contribute to improving academic excellence and research capabilities. We look forward to organizing similar events in the future to continue this journey of learning and development.

PRESS REPORT:

యల్.బి.ఆర్.సి.ఈ లో ముగిసిన ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రాం

పులవరం, మార్చి 21(బాంట్ న్యూస్)

పైలట్ సెక్షన్లలో ఉన్న పైనాన్నియల్ సర్టిఫైడ్ అనే అంశం మీద జవహర్ లాల్ టెక్నలాజికల్ యూనివర్సిటీ, కాకినాడ మరియు యల్.బి.ఆర్.సి.ఈ కళాశాల ఆధ్వర్యంలో బి ఎన్ ఏ ఫస్ట్ -90X0X% స్నాన్సరెడ్ ప్రొజెక్ట్ ద్వారా 5 రోజుల పాటు నిర్వహిస్తున్న ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రాం ఈ నెల 17 నుంచి 21 వరకు శుక్రవారం తో దిగ్విజయాగా ముగించడం జరిగింది. ఈ కార్యక్రమానికి దా కె వి రమణ, రెజ్డెంట్ కేఎస్.యూ.కే , కాకినాడ మరియు ప్రెసిడెంట్ ఇన్స్టిట్యూట్ మ్యూజి అలిష్ గా పాల్గొన్నారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ దా కె వి రమణ మాట్లాడుతూ ఈ సౌకర్యాల అంశం అత్యున్నత ప్రమాదాలతో కూడిన ప్రొజెక్ట్ అని తెలియజేశారు. జాతీయ లెవల్లో ఉన్న టెక్నాలజీని రాష్ట్రంలో ఉపయోగించే , కాకినాడకు ఈ ప్రొజెక్ట్ రావడం మనకు ఎంతో గర్వకారణం అని తెలియజేశారు. బి ఎన్ ఏ సందర్భంగా ప్రొజెక్ట్ ఎల్ టి ఆర్ సి ఈ కళాశాలలో కలిసి ఈ ఫ్యాకల్టీ ఉపదేశం ప్రోగ్రాం నిర్వహించడం ఎంతో అనుకూలంగా ఉందని తెలియజేశారు. ఇలాంటి ప్రోగ్రాం వ్యాప్తి అధ్యాపకులకు వారి కెరీర్ లో ఎంతో ప్రయోజనం అని తెలియజేశారు. ఇంకా రాబోయే నాలుగేళ్లలో మరిన్ని ప్రోగ్రామ్స్ చేయడం జరుగ గతుందని, కావున అధ్యాపకులందరూ తప్పకుండా పాల్గొనాలని తెలిపారు. ప్రెసిడెంట్ దా కె వి రమణ రాష్ట్ర గాడు మాట్లాడుతూ ఉపయోగపడే , కాకినాడ లో సంయుక్తంగా నిర్వహించే ఈ ప్రోగ్రాం కు పాల్గొని గా మా కళాశాలను



ఎంచుకున్నందుకు ఎంతో అనుభవంగా వుంది తెలియజేశారు. వక్త రామ్ కుమార్ , ప్రొజెక్ట్ మేనేజర్, అలిష్ సాఫ్ట్వేర్ హెల్పర్ మాట్లాడుతూ ఈ ప్రోగ్రాం లో భాగంగా నీ అంశం అయినటువంటి బ్లాక్ చైన్ టెక్నాలజీ ని అధ్యాపకులందరూ చక్కగా అర్థం చేసుకోవాలని నిలుపుున్నారు. ఈ ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రాం కు వక్తలుగా (అప్డేట్ విధానంలో దా రాజేంద్ర పాముల, అసిస్టెంట్ ప్రొఫెసర్ (సిఎస్సీ) బి ఎన్ ఏ ఎం రంజాద్ ,దా .రమణ బాలు బాతుల అనాసయ్యట్ ప్రొఫెసర్, మనీష్ , ధూర్గం , దా ఈ సురేష్ బాలు, అసిస్టెంట్ ప్రొఫెసర్ గోప-1, సీట్ - వరంగల్, దా యెన్ విజయరాజ్, ప్రొఫెసర్ అండ్

హెడ్ ఓ డి ఆర్ సి ఎన్ ఈ , వెల్ టెక్ - చెన్నై . వ్యవహరించారు. అనంతరం ముఖ్య అధిధి దా కె వి రమణ అధ్యాపకులకు ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రాం లో పాల్గొన్న వారికి సర్టిఫికేట్ అందజేశారు. ఈ కార్యక్రమానికి దా కె వి రమణ దేవి , ఎం 90% టీర్ విభాగాధిపతి , దా ఎన్ జయప్రద , సి ఎన్ ఈ (సిబి ఎం 90% ఎం ఎల్) విభాగాధిపతి , దా ఎ అలిశేష్ రెడ్డి, ఎంబీఎ విభాగాధిపతి , కన్ననమ్మ గా మరియు కె సుధాకర్, కె ఎంకెష్, అర్. చిరంజీవి, వై. శ్రాంతి కుమార్, దా.ఎ.నరేష్ , కె రవి కిరణ్ యెస్సెన్స్ కో ఆర్గనైజర్లు గా వ్యవహరించారు.

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ముగిసిన వర్క్ షాపు

మైలవరం, మార్చి 21 (ఆంధ్రప్రభ) : స్థానిక లకిరెడ్డి బాలిరెడ్డి ఇంజనీరింగ్ కళాశాలలో ఐదు రోజుల పాటు జరిగిన వర్క్ షాపు శుక్ర వారం ముగిసింది. ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రాం సైబర్ సెక్యూరిటీ ఇన్ ఫైనాన్సియల్ సర్వీసెస్ అనే అంశం మీద జవహర్ లాల్ బెక్సలాజికల్ యూని వర్సిటీ, జె ఎన్ టి యు కె కాకినాడ యల్.బి. ర్.సి. ఈ కళాశాల అధ్యక్షంలో ఐ ఎస్ ఈ ఎ ఫేస్ మూడు స్పాన్సర్డ్ ప్రాజెక్ట్ ద్వారా ఫ్యాకల్టీ అప్డేషన్ వర్క్ షాపును నిర్వహించారు. ఈ కార్యక్రమానికి డా.కె.వి రమణ, రెక్టర్ జె ఎన్ టి యు కె, కాకినాడ ప్రిన్సిపల్ ఇన్వెస్టిగేటర్ ముఖ్య అతిథిగా హాజరయ్యారు. ఈ సందర్భంగా ఆయ న మాట్లాడుతూ డా.కె.వి రమణ మాట్లాడుతూ ఈ సాంకేతిక అంశం అత్యున్నత ప్రమాణాలతో కూడిన ప్రాజెక్ట్ అని తెలియజేశారు. ఐ ఐ టి ల తర్వాత మన తెలుగు రాష్ట్రాల్లో జె ఎన్ టి యు కె కాకినాడకు ఈ ప్రాజెక్ట్ రావడం మనకు ఎంతో గర్వకారణం అని అన్నారు. ఇలాంటి కాశర్యక్ర మాలకు హాజరవ్వడం ద్వారా అధ్యాపకులకు



సర్టిఫికేట్లు అందజేస్తున్న ప్రిన్సిపల్ డా.అప్పారావు

ప్రయోజనం కలుగుతుందని అన్నారు. ప్రిన్సిపల్ డా.కె.అప్పారావు మాట్లాడుతూ జె ఎన్ టి యు కె, కాకినాడ సంయుక్తంగా నిర్వహించే ఈ కార్యక్రమానికి కళాశాలను ఎంచుకున్నందుకు ఎంతో ఆనందంగా ఉందన్నారు. అనంతరం ముఖ్య అతిథి డా.కె.వి.రమణ అధ్యాపకులకు ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రాంలో పాల్గొన్న వారికి సర్టిఫికేట్ అందజేశారు. ఈ కార్యక్రమానికి డా.ఓ.రమాదేవి, (ఎ ఐ అండ్ డి ఎస్) విభాగాధిపతి డా.ఎస్ జయప్రద, సీఎస్ ఈ(ఎ ఐ అండ్ ఎం ఎల్) విభాగాధిపతి, డా.పి ఆదిశేషరెడ్డి, ఎంబీఏ విభాగాధిపతి, కన్వీనర్లుగా కె.సుధాకర్, కె వెంకటేష్, ఆర్.చిరంజీవి, వై..క్రాంతికుమార్, డా.ఓ.నరేష్, కె రవి కిరణ్ యశస్వి, కో ఆర్డినేటర్లుగా వ్యవహరించారు.

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Source : <https://epaper.prabhanews.com>

సాక్షి

ముగిసిన 'ఫ్యాకల్టీ అప్డేషన్'

మైలవరం: సైబర్ సెక్యూరిటీ ఇన్ ఫైనాన్సియల్ సర్వీసెస్ అత్యున్నత ప్రమాణాలతో కూడిన ప్రాజెక్టు అని కాకినాడ జేఎన్టీ యూకే రెక్టర్, ప్రిన్సిపల్ ఇన్వెస్టిగేటర్ డాక్టర్ కేవీ రమణ అన్నారు. మైలవరం లకిరెడ్డి బాలిరెడ్డి ఇంజనీరింగ్ కళాశాలలో గత ఐదు రోజులుగా నిర్వహించిన ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రామ్ శుక్రవారం ముగిసింది. ప్రిన్సిపల్ డాక్టర్ కె.అప్పారావు మాట్లాడుతూ జేఎన్టీయూ కాకినాడతో సంయుక్తంగా నిర్వహించే ఈ ప్రోగ్రామ్ కు హోస్ట్ గా తమ కళాశాలను ఎంచుకున్నందుకు ఆనందంగా ఉందన్నారు. హైదరాబాద్ కు చెందిన అదితి సాఫ్ట్వేర్ ప్రాజెక్టు మేనేజర్ శ్రీరామ్ కుమార్, ఫ్యాకల్టీ అప్డేషన్ ప్రోగ్రామ్ వక్తలుగా డాక్టర్ రాజేంద్ర పాముల, అసిస్టెంట్ ప్రొఫెసర్ ఐఎస్ ఎమ్ ధన్బాద్ డాక్టర్ రమేష్ బాబు తదితరులు పాల్గొన్నారు.

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