

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

L.B. REDDY NAGAR, MYLAVARAM – 521230. A.P. INDIA
Affiliated to JNTUK Kakinada & Approved by AICTE, New Delhi
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015
<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931 Extn:109
DEPARTMENT OF INFORMATION TECHNOLOGY

Report On “WORKSHOP ON BLOCKCHAIN TECHNOLOGY”

Event Type: Workshop (Online)

Date / Duration: 17th – 19th June, 2021, Three Days.

Resource Persons:

Sainadh Gupta, System Engineer, Tata Consultancy Services.

B.Sunil Kumar, Cheft Operating Officer, Cluster Information Technology, Hyderabad.

Name of Faculty Coordinator(s):

Dr.AnupriyaKoneru, Assoc.Prof., Dept.of IT, LBRCE-Mylavaram.

Mrs.A.Sarvani, Asst.Prof., Dept.of IT, LBRCE-Mylavaram

Mr. K.Phaneendra, Asst.Prof., Dept.of IT, LBRCE-Mylavaram

Mr. G.Rajendra, Asst.Prof., Dept.of IT, LBRCE-Mylavaram

Name of Student Coordinator(s):

U. Maheswar Reddy

B. Jitendra Kumar

R. Priyadarshini

Sk, Masthani

Target Audience: 3rd Year IT LBRCE Students and Outside Students

Total no of Participants: 114

Objective of the event: To disseminate the knowledge of **block chain technology** among students.

Outcome of event:

At the end of the event participants can able to

- To improve knowledge of Blockchain Fundamentals
- To improve Knowledge on working on Blockchain Technology
- To improve knowledge on Blockchain Transaction Process

Description / Report on Event:

The Department of Information Technology (IT), Lakireddy Bali Reddy College of Engineering (LBRCE), Mylavaram, organized the workshop for UG and PG students of the college and for Outside Students 17th – 19th June, 2021, Three Days.

The three-day workshop conducted through Microsoft Teams every day from 09.00 to 10.30.

Day 1 (17/06/2021):

FDP was inaugurated on 17th June, 2021 by the HOD, Department of IT. All the IT department faculty members, Resource persons and participants attended. The day started with the welcome speech given by Hod sir, continued the workshop. In Day 1, one session conducted and the following topics covered:

- Blockchain Fundamentals
- Distributed ledger technology. All network participants have access to the distributed ledger and its immutable record of transactions. ...
- Immutable records. No participant can change or tamper with a transaction after it's been recorded to the shared ledger. ...
- Smart contracts.

Day 2 (18/06/2021): Next, In Day 2, one session conducted and the following topics covered:

- How does a block and chain work?
- How does blockchain work in simple terms?
- Storage Structure
- Advantages of Block Chain

Day 3 (19/06/2021): Last day, regular sessions, quiz, feedback and valedictory completed

The topics covered in the last sessions include:

- Transaction Process
- Bitcoin Vs Blockchain

Feedback / Suggestions:

The feedback survey (through Google sheets) was completed by 115 attendees, a response rate of about 90 percent. The survey's findings on outcomes, satisfaction, overall workshop feedback, and recommendations for improvement

- Suggested to organize this kind of Lectures regularly.
- Hands on session requested
- Suggested to organize for students for this kind of workshop
- Recommendations for improving future workshops by providing more time, background information, and documentation

Day-1						
S.No	Content	Excellent / 5	Good/4	Satisfactory/3	Poor/2	1
1	Rating for the workshop	57.39	33.04	4.34	--	--
2	Rating for the Resource Persons	54.78	33.91	6.08	--	--

Day-2						
S.No	Content	Excellent / 5	Good/4	Satisfactory/3	Poor/2	1
1	Rating for the workshop	57.14	31.63	5.10	--	--
2	Rating for the Resource Persons	54.08	35.71	3.06	--	--

Overall						
S.No	Content	Excellent / 5	Good/4	Satisfactory/3	Poor/2	1
1	Rating for the workshop	63.10	29.12	3.88	--	--
2	Rating for the Resource Person (Mr. Sainadh Gupta)	61.16	30.09	3.88	--	--
3	Rating for the Resource Person (Mr. B.Sunil Kumar)	59.22	32.03	4.85		

List of Students Participated in Workshop:

S.N O	Student Name	H.T.No	College Name
1	Kethe Yamini	18761A1228	LBRCE
2	Yelleti Guna Sai Sampath	19761A02A8	LBRCE
3	Mounika Aratikatla	18761A1202	LBRCE
4	Gunadala Manisha	18761A1222	LBRCE
5	Pavuluri Lokesh Sree Babi	18761A1243	LBRCE
6	Chandana Pamidi	18761A1211	LBRCE
7	Bhumika Dabbugottu	18761A1214	LBRCE
8	BayaganiDivya Jyothi	18761A1205	LBRCE
9	MAREEDU NANDINI	18761A1236	LBRCE
10	SHAIK NAGOOR	19761A0296	LBRCE
11	Kotagiri Anoop	18761A1230	LBRCE
12	Nikita Mutyam	18761A0493	LBRCE
13	Uday Naveen Kuppala	18761A1232	LBRCE
14	MOREMPUDI CHARAN KUMAR	18761A03D9	LBRCE
15	Srilekha	18761A1249	LBRCE
16	Shaik Imran	19MG1A05A3	Sree Vahini Institute Of Science And Technology
17	Harika chimata	18761A1212	LBRCE
18	BOLLA PREETHI LAKSHMI SRI PRIYA	18761A1208	LBRCE
19	P.sivaprakash	29761A1239	LBRCE
20	NannapaneniSaipriya	18761A04F5	LBRCE
21	Shaik Anjum Javeariya	18761A1253	LBRCE
22	ADUSUMALLI NAGA CHANDANA	18761A1201	LBRCE
23	MALOTHU PANDU	20761A1230	LBRCE
24	Peddireddy Janaki Nivas Reddy	18761A1244	LBRCE
25	A.Bhawan Sundar Kumar	18761A0201	LBRCE
26	SaripalliTejesh	19761A0293	LBRCE
27	Bhavana Bandhuchode	18761A1203	LBRCE
28	Nannapneni Kavya Sri	18761F0009	LBRCE
29	Shaik Aisha	18761A1252	LBRCE
30	ANIL BATTULA	18761A0208	LBRCE
31	Pranusha	18121a1532	Sreevidyanikethan engineering college
32	GadeAsritha	18761A1219	LBRCE
33	Shaik AyeshaBegam	18761A0291	LBRCE
34	Gangula.Pravallika	18KH1A0452	Narasaraopet institute of technology
35	Mounika Viswanadhapalli	19765A1206	LBRCE
36	Maddineni Venkatesh	18761A1234	LBRCE
37	SRI DHARMA TEJA KAREDLA	18761A0229	LBRCE
38	Habeeb shaik	20761A1251	LBRCE
39	pathipatiswathilakshmi	18761A1242	LBRCE
40	Gurram Tejaswini	17761A04D9	LBRCE
41	Shalini Rokkam	18761A1248	LBRCE
42	Dodda Lakshmi Sowmya	18761A1217	LBRCE
43	Kotha Akhil	18761A1231	LBRCE
44	VADLADI GAYATHRI	18761A1258	LBRCE
45	SeemakurthiVasaviNihitha	18761A1251	LBRCE
46	Jayavanipalagani	18761A1241	LBRCE
47	Chitta Ravi Teja	19765A1202	LBRCE
48	AmulyaTanneeru	18761A1254	LBRCE
49	Kaja Devi Divya Sri	18761A1226	LBRCE
50	NAGA ANISHA ELLURI	18KH1A0574	LBRCE
51	DARA MANOGNA	18761A1215	LBRCE
52	LohithaRegalla	18761A1247	LBRCE
53	Gudibandilikhitha Reddy	18761A1221	LBRCE
54	N. Rama krishnarao	18761A1021	LBRCE

55	SathvikaJeldi	18761A1224	LBRCE
56	B.Prasoon	19761A0257	LBRCE
57	Sk IMRAN	18761A0343	LBRCE
58	Avula Srikanth	18121A1506	Sreevidyanikethan engineering college
59	Vivek Nutakki	19761A02A6	LBRCE
60	Kethe.syamala.devi	19761A0278	LBRCE
61	K. Sampath Roy	19761A0273	LBRCE
62	KAPILAVAYE AKHIL KUMAR	19MG1A0554	Sreevahini institute of science and technology
63	Ram kumar. Jonnalagadda	19761A0270	LBRCE
64	UPPUTURI MAHESHWAR REDDY	18761A1257	LBRCE
65	Sunkara Meghanadhumasankar	19761A0299	LBRCE
66	DasamDanesh Datta	19765A0414	LBRCE
67	Gayathrineelima	18KH1A0479	Narasaraopet institute of technology
68	LAVANYA CHITYALA	18761A1213	LBRCE
69	Kamatam.Ramya Sri	18761A1227	LBRCE
70	Rajesh Gunji	19KH1A05A3	Narasaraopeta Institute of Technology
71	ChinnapureddyVyshnavi	19761A0262	LBRCE
72	Nadakuditi Dinesh	20761A1233	LBRCE
73	SuprathikaVajrala	19765A1205	LBRCE
74	Telluri Bhargavi	19761A02A0	LBRCE
75	V.Manju Satya Sai Durga	19541A0548	Sri SarathiInstitute of Engineering &Technology
76	Karedlavenkatasaimanikanta	18761A0321	LBRCE
77	K greeshma	19761A0280	LBRCE
78	Seelam Venkata Maha Lakshmi	18761A1250	LBRCE
79	Neeraja.manda	19541A0525	Sri Sarathi institute of engineering and technology
80	Pasupuleti Veera Manikantanayudu	14299	Veltech university
81	Lakshmi Alekhya	19761A02A1	LBRCE
82	Sowmya Arya	19761A0298	LBRCE
83	PULICHARLA LAKSHMI PRASAD	18761A1246	LBRCE
84	PonnamVasavi	18761A1245	LBRCE
85	Arshiyaparveen Shaik	18761A0290	LBRCE
86	Kolluru Aparna	18761A0325	LBRCE
87	Jyothish Kumar Gudela	19765F0010	LBRCE
88	I.Sai Teja	19765A0415	LBRCE
89	Eduvulapati Chandana Sravya	18761A1218	LBRCE
90	TunduchiKeerthana	19761A02A2	LBRCE
91	DasariDivyaSree	18761A1216	LBRCE
92	Bittu.Jyothi	19761A0258	LBRCE
93	Kolli.Shyan Chowdary	19761A0279	LBRCE
94	Bayana Rakesh	18761A0463	LBRCE
95	velpuri.sireesha	19761A02A4	LBRCE
96	KokkiligaddaSrvanathi	19761A0278	LBRCE
97	Guntaka.Anuhya	19025A0439	JNTUK
98	Dharavarthsagar	19761A0264	LBRCE
99	TATIKONDA NAGA VIVEK	18761A1255	LBRCE
100	Avulanagendra	189y1a0507	Ksrm college of engineering Kadapa
101	MadavaramReddiVinathi	RA2011030010133	SRM institute of science and technology,Chennai
102	Srinivasa Rao Buraga	T201	LBRCE
103	BittuTejaswini	19761A0259	LBRCE
104	JULURU VARUN VAMSI	18761A1225	LBRCE
105	B. Sai kumar	19761A0260	LBRCE
106	P Mohan Varma	19761A0291	LBRCE
107	Peta.chandrika	19761A0290	LBRCE
108	RAYALA.GOPI	20765A0218	LBRCE
109	Lakku.Srinivasareddy	19761A02981	LBRCE
110	DirisalaSrivani	186C1A0520	Priyadarshini Institute of Science and Technology for Women

111	Bogireddy Vamsi Krishna Reddy	18761A1207	LBRCE
112	Kamma Usha	186C1A0537	Priyadarshini institute of science and technology for women
113	Madabattula Pavan Kalyan	20761A1229	LBRCE
114	Kantipudi Venugopal	19765A1203	LBRCE

Sample Copy of Certificate of Participation



LAKIREDDY BALI REDDY

COLLEGE OF ENGINEERING(AUTONOMOUS)

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9001:2005 Certified Institution

Certificate of Participation

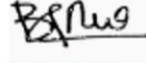
This is to certify that Mr./Ms..... has actively participated in-3
Days workshop on "**BLOCKCHAIN TECHNOLOGY**" held on 17th -19th June
2021 conducted by "Department of Information Technology" of "**Lakireddy
Bali Reddy College of Engineering (Autonomous)**", Mylavaram.


Mr.G.Rajendra
 Coordinator


Mr.K.Phaneendra
 Coordinator


Mrs.A.Sarvani
 Coordinator


Dr.K.Anupriya
 Coordinator

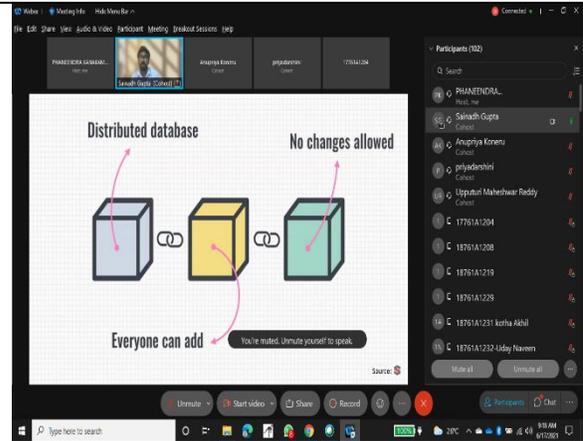

Dr. B. Srinivasa Rao
 Head of Department

Photographs :(Max 10 limited)

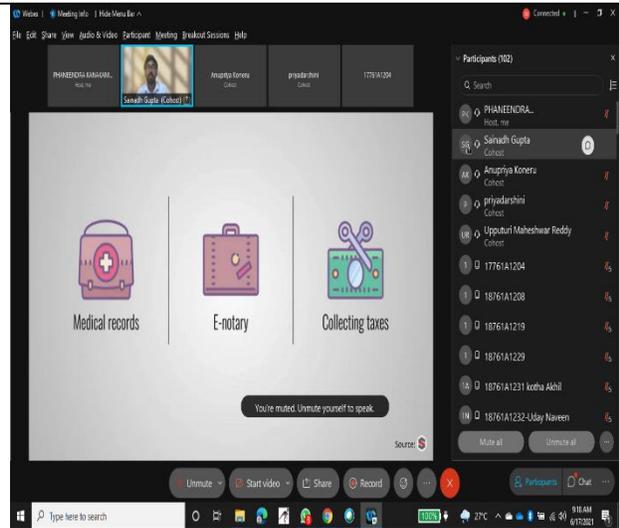
Day 1: Inauguration & Blockchain Fundamentals



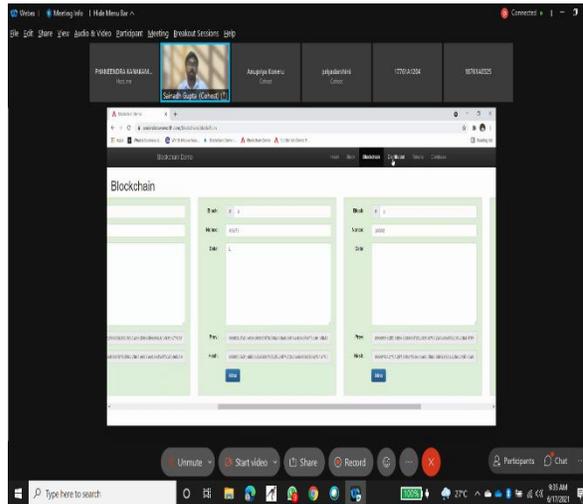
Title: Addressing about workshop by Dr. B. Srinivasa Rao, HOD, IT



Title: Session-1 Sainadh Gupta, System Engineer, Tata Consultancy Services. (Introduction to Blockchain Technology)

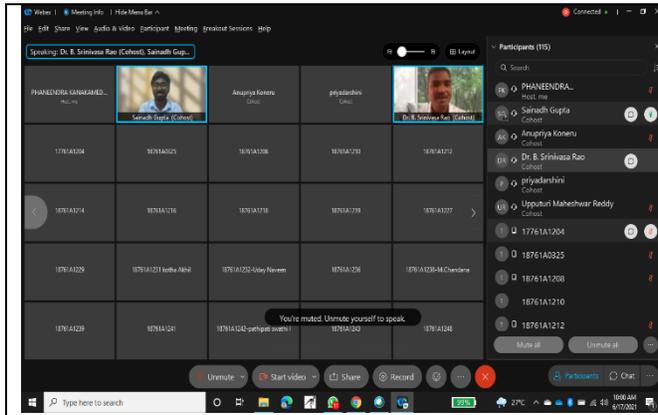


Title: Sainadh Gupta, System Engineer, Tata Consultancy Services.



Title: Sainadh Gupta, System Engineer, Tata Consultancy Services.

Day 2: Title-Storage Structure, Advantages of Block Chain



Title:Sainadh Gupta, System Engineer, Tata Consultancy Services.



Title:Sainadh Gupta, System Engineer, Tata Consultancy Services.

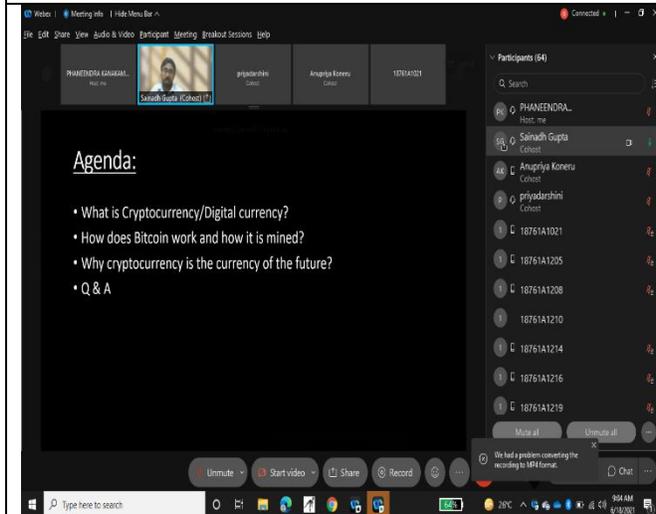
● **Day3: Title-Transaction Process, Bitcoin Vs Blockchain, Feedback & Valedictory**



Title:Sainadh Gupta, System Engineer, Tata Consultancy Services.



Title:B.Sunil Kumar, Chft Operating Officer, Cluster Information Technology, Hyderabad.



Title: B.Sunil Kumar, Chft Operating Officer, Cluster Information Technology, Hyderabad.



Title:Valedictory andVote of thanks delivered by Dr.K.Anu Priya,Co-ordinator

Poster:



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L.B Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF INFORMATION TECHNOLOGY

WORKSHOP ON BLOCKCHAIN TECHNOLOGY

DATE: 17th - 19th June, 2021

TIME: 9AM-10AM

SPEAKERS: *Sainadh Gupta, System Engineer, Tata Consultancy
Services*

*B.Sunil Kumar, Chief Operating Officer, Cluster
Information Technology, Hyderabad*

* E-certificates will be provided to the participants

*Free registration

REGISTRATION LINK:

https://docs.google.com/forms/d/e/1FAIpQLScbEMVf_vY2trY18Ts35Y44fnikwkTSlejYJc55DDI91Jn3EQ/viewform

Faculty Co-ordinators:

Dr.K.Anupriya, Assoc. prof
Mrs.A.Sarvani, Asst. prof
Mr.K.Phanindra, Asst. prof
Mr.G.Rajendra, Asst Prof

Student Co-ordinators:

U.Maheswar Reddy-9491985559
B.Jitendra kumar-8688843690
R.Priyadarshini
Sk.Masthani

Brochure:

INTRODUCTION

Cryptocurrency and blockchain have become buzzwords these days. While cryptocurrency has been a tad easier to understand as a concept, the blockchain technology that cryptocurrency runs on has been a complex one to grasp. In the simplest of terms, blockchain can be defined as a database that stores data in blocks. The information is recorded in these blocks in a way that makes it difficult to hack or cheat or change the system. Since the blocks of information create a chain, hence the name blockchain.

This workshop planned by the Information Technology Department for students. In the subsequent events, advanced skills will be dealt. The workshop is planned to impart both theoretical aspects and practical knowledge to the participants. At the end of the workshop, there will be a programming test to the participants and the participant who succeed workshop the participation E-certificate will be issued.

Course Contents:

- Blockchain Fundamentals
- Working and Advantages
- Storage Structure
- Transaction Process
- Bitcoin Vs BLockChain

ELIGIBILITY

The program is open to all UG & PG students

REGISTRATION LINK

<https://forms.gle/1ZKcTmCa8ZPA9Um6>

Registration fee Details: NO FEE

E-Certificate will be provided

ABOUT THE DEPARTMENT

The Department of IT is established in the year 1999 and offers an undergraduate program in Information Technology with intake of 120. The Department has well qualified faculty and good laboratory facilities. All the laboratories are well equipped with state-of-the-art experimental sets, both in quality and quantity, which brings the number of students per batch of two. The department regularly conducts Guest Lectures / Seminars / Workshops / Technical paper contests for the benefit of both faculty and student community.

Department Vision:

To emerge as one of the most preferred department for the budding engineers, aspiring to be successful IT professionals.

Department Mission:

- To inculcate team skills and leadership qualities in the student through projects, seminars and group activities.
- To impart quality education with a well-designed curriculum, consistent with industry requirements, that equips the student to face the career challenges.
- To cultivate the qualities of social awareness and service to the humanity among students.
- To extend the student's learning beyond the curriculum, through workshops on cutting edge technologies.

Program Educational Objectives (PEOs):

Four to Five years after successful completion of graduation students will be able to:

- Pursue a successful career in the area of Information Technology or its allied fields.
- Exhibit sound knowledge in the fundamentals of Information Technology and apply practical experience with programming techniques to solve real world problems.
- Demonstrate self-learning, life-long learning and work in teams on multidisciplinary projects.
- Understand the professional code of ethics and demonstrate ethical behavior, effective communication, and team work and leadership skills in their job.

Program Specific Outcomes (PSOs):

Graduate of the Information Technology will have the ability to

- Organize, Analyze and Interpret the data to extract meaningful conclusions.
- Design, Implement and Evaluate a computer-based system to meet desired needs.
- Develop IT application services with the help of different current engineering tools.

THREE DAY WORKSHOP ON "BLOCKCHAIN TECHNOLOGY" (17th - 19th June, 2021)

Organized by
Department of Information
Technology



**LAKIREDDY BALI REDDY COLLEGE OF
ENGINEERING (Autonomous)
Accredited by NAAC & NBA (CSE,IT,ECE,EEE
& ME) under Tier-1**

**Approved by AICTE and Permanently
Affiliated to JNTUK, Kakinada
MYLAVARAM - 521 230**

KRISHNA (DT), A.P.

Ph : 08 659 222933 Fax : 08 659 222931

<http://www.lbrce.ac.in>

ABOUT THE INSTITUTE

The LBR College of Engineering (LBRCE) is located at Mylavaram, 40km from Vijayawada on Bhadrachalam highway and is spread over 50 acres of sprawling lush green landscape spotted with orchids and grooves. One of the good achievements of the LBRCE is Autonomous status from the academic 2013-14.

At LBRCE the focus is on a well balanced approach where most sophisticated infrastructure is supported by a dedicated team of well qualified and experienced faculty. The Management also actively involves in every aspect and career of the faculty and students. LBRCE offers B.Tech Courses in CSE, IT, AI&DS, ECE, EEE, EIE, MECH Engineering and P.G. programmes: M.B.A., M.C.A, & M.Tech Courses in ECE, CSE,IT and Mech. All laboratories are equipped with state-of-the-art facilities backed by advanced computer systems and the latest software.

Institute Vision:

To empower students to become technologically vibrant, innovative and emotionally mature and to train them to face the challenges of the quality-conscious globalized world economy.

Institute Mission:

- To provide an environment most conducive to learning and to create a stimulating intellectual atmosphere on the campus.
- To achieve Academic Excellence.
- To ensure a holistic development of personality.
- To spread education to rural areas.
- To establish partnership between Institution & Industry.

ABOUT MYLAVARAM

It is situated at a distance of 45 Km. from Vijayawada. Mylavaram is well connected by rail and road to various places in the state.

Participants are advised to alight either at Vijayawada or Kondapalli depending on their travel conveniences.

Address for Correspondence:

Dr. K. Anupriya
CO-ORDINATOR
Associate Professor
Department of Information Technology
Lakireddy Bali Reddy College of
Engineering
Mylavaram- 521 230, Krishna (Dt) A.P.
Tel.No: 08659 222933(Ext-112)
Mobile: 8247688288

ONLINE THREE DAY WORKSHOP ON

“BLOCKCHAIN TECHNOLOGY” (17th – 19th June, 2021)

Chief Patron

Sri Lakireddy Bali Reddy,
Chairman

Sri Lakireddy Jaya Prakash Reddy,
Co-Chairman

Sri Lakireddy Prasad Reddy,
Vice-Chairman

Patron

Sri G.Srinivasa Reddy, President

Dr. K.Appa Rao, Principal

Dr. K. Harinadha Reddy, Vice-Principal



Organizing Committee

All the IT department Staff Members.

Convener

Dr. B. Srinivasa Rao.
Professor & HOD,

Department of Information Technology
Lakireddy Bali Reddy College of Engineering

Coordinator

Dr.K.Anupriya,
Associate Professor,

Department of Information Technology
Lakireddy Bali Reddy College of Engineering

Co-Coordinator

A. Sarvani, K. Phaneendra, G. Rajendra
Assistant Professor,

Department of Information Technology
Lakireddy Bali Reddy College of Engineering

Resource Person

Sainadh Gupta

System Engineer, TCS

B. Sunil Kumar

**Chief Operating Officer, Cluster Information
Technology**

Distinguished Alumni