



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Guest Lecture on Block Chain Technologies for Smart cities

Date: 28-10-2020

By

Dr.R.Anand
Assistant Professor, Amirta
College of Engineering

In the Presence of

Col. Prof. Vel. Dr. R. Rangarajan

Chancellor & Founder President

Dr. Sagunthala Rangarajan

Foundress President

Prof.S.Salivahanan

Vice Chancellor



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
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SCHOOL OF COMPUTING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
EVENT SUMMARY REPORT

FOR

On day Seminar on
Block Chain Technologies for Smart Cities

Name of the Coordinator : **Dr M J Carmel Mary Belinda**
ITS NO : **2156**
Designation : **Professor**
Event Date : **October 28th, 2020.**



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. as 3 of UGC Act, 1976)

School of Computing

Department of Computer Science and Engineering

INDEX

S. No	Title	Page Number
1	Event Summary Sheet	3
2	Budget Approval	5
3	Committee	6
4	Brochure	7
5	Resource person Details	8
6	Invitation	11
7	Overall Schedule	12
8	Banner	13
9	Registration Details	14
10	Registration Form	17
11	Certificate for Participants	19
12	Participant Feedback Forms	20
13	Attendance Log	26
14	Photo Gallery	29
15	Expenses details & Bill Settlement	33

1. EVENT SUMMARY SHEET

SCHOOL OF COMPUTING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EVENT SUMMARY SHEET FOR

On day Seminar on
Block Chain Technologies for Smart Cities

Event Date: October 28th, 2020.

Chief Guest: Dr. Anand R.

Asst. Professor,

Electrical and Electronics Engineering, School of Engineering, Bengaluru

Objective:

The smart city infrastructure, which combines the IoT, Big Data and Energy Internet, is one of the most effective solutions. It's facing many problems such as poor security of IoT, equipment maintenance and upgrade difficulty, high operating costs of large data center construction, poor resistance to damage, the difficulty of establishing the energy Internet users trust, user privacy is easy to leak, market model is not applicable and so on. The Blockchain is a kind of distributed P2P network common intelligence accounting technology based on cryptography. The features of open, transparent, interconnection and peer-to-peer, storage and sharing in the Blockchain are relevant to the openness, interconnection, peer-to-peer and Shared characteristics of the energy Internet. Its features of redundant storage and distribution also make up for the disadvantages of large data center's high operation cost, poor recovery ability and the difficulties for the maintenance of IoT equipment. This paper, first introduces the role of the big data, IoT, and the energy Internet in the construction of smart city and Blockchain technology. By analyzing their respective characteristics and comparing their similarities, corresponding solutions are put forward to aim at the problems such as poor security of IoT, upgrading of equipment maintenance and upgrading, construction and operation cost of large data center, poor flexibility in anti-attack, difficulty in establishing trust in energy Internet users, user privacy leakage and inapplicability of trading market mode. A kind of architecture of P2P light-heavy backup is put forward to overcome the high cost of Blockchain data storage..

Inaugural:

Venue: Ground Floor Computing Lab- Online – MS Team Platform

Time : 28.10.2020-1.45 PM

The workshop was initiated with the blessing of god (prayer song)

The welcome address was given by Prof. **Dr. Carmel Mary Belinda** Department of CSE who had addressed the gathering with a glorious welcome.

The inaugural address was given by the Director Academic **Dr. Carmel Mary Belinda** by his inspirational and motivational talk about the cyber physical system on open source platform, and more over he insisted the students to learn effectively about the Internet of things and software's. finally, he encourage the students to actively enhance the knowledge in Internet of things.

Dr. Dr. Anand R. gave the special address about the usage of Internet of things and importance of Cyber Physical System and finally started the session at 1.45 PM in Online platform MSTEAM Ground Floor Computing Lab.

Day – 1

- Introduction to Iot .
- Examine the physical architecture of Embedded system.
- Types of Platform to enable Cyber Physical System
- Practical Hands on using Arduino.
- Hands on IoT platforms- Arduino and configuration of Beagle Bone.
- Creating a Html for IoT infrastructures.

Valedictory :

Venue: Ground Floor Computing Lab

Time: 28.09.18 – 4.00pm

The Certificates are issued by the Prof. Dr.V. Srinivasa Rao through online those who participated in two days workshop effectively.

Dr.M. J. Carmel Mary Belinda proposed vote of thanks, he conveyed the special thanks to Management, Vice chancellor, Dean Academic, HOD, Coordinator's and also added his wholehearted thanks to faculty members, students and supporting faculty. Finally, this program was successfully ended with National Anthem.

Outcome of Workshop:

The students are able to find and exploit the Block Chain Technologies for Smart Cities on open source platform in Internet of things.

DA/16344
24/10/20

76/190
16/10/2020

From:
Dr Carmel Mary Belinda M J (TTS2154)
Professor / CSI,
Vel Tech Rangarajan Dr. Saguntala R&D
Institute of Science and Technology
Avadi,
Chennai - 600092

To:
The Vice-Chancellor
Vel Tech Rangarajan Dr. Saguntala R&D
Institute of Science and Technology
Avadi,
Chennai - 600092

(Through Proper Channels)

Sr.

Sub Proposal for organizing a Online workshop Regarding

The Department of Computer Science and Engineering, proposes to organize an Online workshop on "Block Chain Technologies for Smart Cities" on October 18, 2020 at 2PM - 4PM, through Google Meet due to COVID 19 Pandemic Situations. This workshop is meant for enhancing the abilities of the faculty members of CSE in recent trend.

The name of the expert and his affiliation is given hereunder

Name of the Expert	Affiliation
Dr R Anandhi	Arattin Vaidya Vidhya Poetha, Bengaluru

The nature of expenditure that would be incurred to organize the above said workshop is submitted hereunder

Estimated Expenditure

S.No	Item of Expenditure	Amount (Rs)	Pay to Whom
1	Resource Person	5000	Dr Carmel Mary Belinda M J
2	Certificates and Clipping Mail etc	1000	Dr Carmel Mary Belinda M J
	Total	6000	

Kindly approve this proposal

Forwarded to
Honorable VC
20/10/20

5. 20/10/20

5. 20/10/20

5. 20/10/20

5. 20/10/20

5. 20/10/20

Vice-Chancellor

C. M. Belinda
20/10/2020

3. COMMITTEE

Block Chain Technologies for Smart Cities

REGISTRATION FORM

(To be filled in block letters)

Name _____

Designation _____

Organization _____

Address _____

Mobile _____

Email ID _____

Signature _____

Important Dates

Last Date for Registration : 27.10.2020

CHIEF PATRONS

Col. Prof. Vel. Dr. R. Rangarajan
Chancellor & Founder President

Dr. Sagunthala Rangarajan
Foundress Chancellor

PATRONS

Prof. S. Sallivahanan
Vice Chancellor

CONVENOR

Dr. V. Srinivasa Rao
Dean - SoC & HoD - CSE

SEMINAR CO-ORDINATORS

Dr. Carmel Mary Bellinda
Professor - Dept. of CSE

Dr. N. Vijayaraj
Asst. Prof - Dept. of CSE

RESOURCE PERSON

Dr. R. Anand
Assistant Professor - Department of FEE
Amrita Vishwa Vidyapeetham, Bengaluru



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Est. on 10.10.1994

One day Seminar
on

Block Chain Technologies for Smart Cities

28th October 2020

Organized by
Department of
Computer Science and Engineering,
School of Computing

Convenor
Dr. V Srinivasa Rao,
Dean - SoC & Head - CSE

4.BROCHURE

Block Chain Technologies for Smart Cities

REGISTRATION FORM

(To be filled in by the Registrant)

Name _____
Designation _____
Organization _____
Address _____
Phone _____
E-mail _____

Signature _____

Important Dates

Last Date for Registration : 17.10.2020

CHIEF PATRONS

Col. Prof. Vel. Dr. R. Rangarajan
Chancellor & Founder President

Dr. Sagunthala Rangarajan
Foundress Chancellor

PATRONS

Prof. S. Sathiyaharan
Vice Chancellor

CONVENOR

Dr. V. Srinivasa Rao
Dean - SoC & Head - CSE

SEMINAR CO-ORDINATORS

Dr. Carmel Mary Belinda
Professor - Dept. of CSE

Dr. N. Vijayaraj
Asst. Prof - Dept. of CSE

RESOURCE PERSON

Dr. R. Anand
Assistant Professor - Department of EEE
Amrita Vishwa Vidyapeetham, Bengaluru



Vel Tech
Rangarajan Dr. Sagunthala
Rajith Institute of Science and Technology
Chennai - 600 076

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Global Alliances of Vel Tech has working International Relations with more than 390 Institution across 40 countries and has entered into the Memorandum of Understanding (MoU).

with 120 Institutions for various Academic and Research exchange activities. Students, Faculty members, and Researchers get the collaborative platform for Academic projects, explore leading best practices and Research work with International Universities. Vel Tech believes that there are no boundaries in the pursuit of knowledge. Through these strategic alliances with International Universities, the standard of education at Vel Tech would be on par with the best in the world.

About School of Computing (SoC)

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About the Department

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Dr. Anand R.

Asst. Professor, Electrical and Electronics Engineering, School of Engineering, Bengaluru



Qualification:

Ph.D

[Google Scholar Profile](#)(link is external)

r_anand@blr.amrita.edu

Dr. Anand. R currently serves as an Assistant Professor (Senior Grade) at the Department of Electrical and Electronics Engineering, School of Engineering, Amrita VishwaVidyapeetham, Bengaluru. His area of interest in research includes Power Electronics, Electrical Drives, Renewable Energy Systems, Soft Computing and Machine Learning. He completed his PhD in Electrical Engineering from Anna University, Chennai. India. He has filed and published four Indian patents. He has 11 years of teaching and research experience. He has published his research works in 5 National Conferences, 10 International Conferences and 10 International Journals out of which majority of the papers are indexed in SCOPUS, SCI and Web of Science. He is the Guest editor in Electronics Journal, Bosnia. He is the reviewer for many journals like IEEE, AECS, IGI global publications and JEET. He completed Industrial Consultancy work for Smart Water Management System. He developed low cost product for local Municipal water indication system. He has Senior membership in professional body like IEEE & IAENG. He is an active member in various societies like an IEEE PELS, PES, IES, IEEE Young Professionals, Smart Grid Community, EDS and IoT Community.

Publications

Publication Type: Journal Article

Year of
Publication Title

2018 AnandRajendran, "Guest Editorial Special Issue on Recent Advances in Power Electronics and Internet of Things", Electronics Journal , vol. 22, no. 1, 2018. **[Abstract]**

- | Year of Publication | Title |
|---------------------|---|
| 2016 | AnandRajendran and Saravanan, D. S., "A Correlative Study of Perturb and Observe Technique and GA-RBF-NN Method Supplying a Brushless DC Motor", Circuits and Systems, vol. 7, no. 8, pp. 1653-1664, 2016. [Abstract] |
| 2016 | D. S. Saravanan and AnandRajendran, "Solar PV System for Energy Conservation Incorporating an MPPT Based on Computational Intelligent Techniques Supplying Brushless DC Motor Drive", Circuits and Systems, vol. 7, no. 8, pp. 1635-1652, 2016. [Abstract] |
| 2015 | D. .S.Saravanan and AnandRajendran, "Analysis of Genetic – Assisted Neural Network Based MPPT Controller of a Standalone Solar Photovoltaic System", International Journal of Applied Engineering Research, vol. 10, no. 6, pp. 172-183, 2015. |
| 2015 | R. Swaminathan and AnandRajendran, "A Three Phase Seven Level Inverter for Grid Connected Photovoltaic System by Employing PID Controller", International Journal of Innovative Research in Science, Engineering and Technology, vol. 4, no. 6, pp. 1085-1091, 2015. [Abstract] |
| 2015 | T. Nivethitha and AnandRajendran, "PV Connected BLDC Motor Drive by Employing P and O MPPT Controller", International Journal of Innovative Research in Science, Engineering and Technology, vol. 4, no. 6, 2015. [Abstract] |
| 2015 | S. .Selvakani, Sindhu, D., and AnandRajendran, "PV System Based MPPT Controller Supplying BLDC Motor Drive", International Journal of Innovative Research in Science, Engineering and Technology, vol. 4, no. 6, 2015. [Abstract] |
| 2012 | AnandRajendran and Kumar, G. A., "A Multilevel Inverter for Grid Connected Photovoltaic System by employing PID Controller", International Journal of Engineering and Advanced Technology (IJEAT), vol. 2, no. 1, 2012. [Abstract] |
| 2011 | AnandRajendran and A. Ali, N., "A Single phase Five level Inverter for Grid Connected Photovoltaic System by employing PID Controller", African Journal of Scientific Research, vol. 6, no. 1, pp. 306-315, 2011. [Abstract] |

6. INVITATION



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estbl. u/s 3 of UGC Act, 1956)

School of Computing
Department of Computer Science & Engineering
cordially invites you for the one day seminar on

BLOCK CHAIN TECHNOLOGIES FOR SMART CITIES

28th October 2020 

RESOURCE
PERSON

Dr. R. Anand

Assistant Professor - EEE
Amrita Vishwa Vidyapeetham, Bengaluru

Convenor

Prof. Dr. V. Srinivasa Rao, Dean - SoC & Head - CSE

Seminar Co-ordinators

Dr. M. J. Carmel Mary Belinda - 94861 10685, carmelbelinda@veltech.edu.in
Dr. N. Vijayaraj - 99944 46429, vijayaraj@veltech.edu.in

8. Banner



one day seminar on

BLOCK CHAIN TECHNOLOGIES FOR SMART CITIES

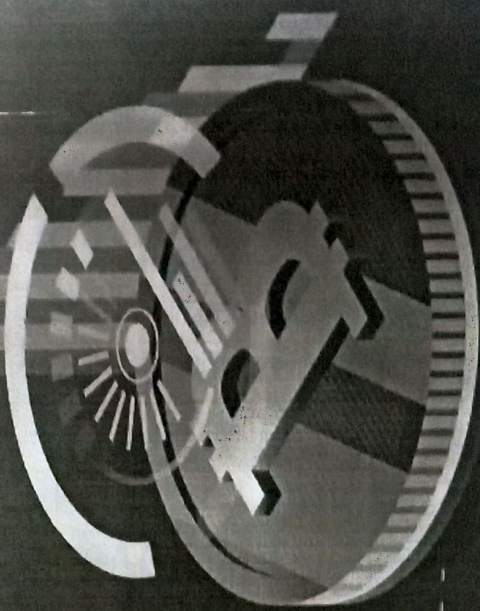
RESOURCE PERSON

Dr. R. Anand

Assistant Professor - EEE, Amrita Vishwa Vidyapeetham, Bengaluru

28th October 2020 

Organized by Department of Computer Science & Engineering, School of Computing



7. Overall Schedule

Block Chain Technologies for Smart Cities

REGISTRATION FORM

(To be filled in block letters)

Name _____
Designation _____
Organization _____
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Mobile _____
Email ID _____

Signature _____

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Foundress Chancellor

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Vice Chancellor

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Dean - SoC & HoD - CSE

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Professor - Dept. of CSE

Dr. N. Vijayaraj
Asst. Prof. Dept. of CSE

RESOURCE PERSON

Dr. R. Anand
Assistant Professor - Department of EEE,
Anna University, Chennai, Bengaluru



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Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Est. on 19.12.1984

One day Seminar
on

Block Chain Technologies for Smart Cities

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with 120 Institutions for various Academic and Research exchange activities. Students, Faculty members, and Researchers get the collaborative platform for Academic projects, explore leading best practices and Research work with International Universities. Vel Tech believes that there are no boundaries in the pursuit of knowledge. Through these strategic alliances with International Universities, the standard of education at Vel Tech would be on par with the best in the world.

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9. Registration Details

Sl. No.	Student Name	Whats App Number	Year	Mentor
1	8129 SADDAPALLI OMIT CHOWDARY	7893663000	IV Year	Ms K RESHMA -8137950520
2	8915 SURE SHREEKRISHNA GUPTAM	9182155424	IV Year	Mr P RAJESH-9677345383
3	8949 MURUGU CHAKRAVARTHY KANDIMALLA	9705556041	IV Year	Mr P RAJESH-9677345383
4	8971 J.ATHIMA BINDU	8179041481	IV Year	Mr Mohammad Iqbal - 9842781338
5	9126 K. T. S. V. N. S. Krishna veni	9182444722	IV Year	Dr SANKARA NARAYANAN-9976028293
6	9134 HARIPRASAD KOLLIPALLI	8247816959	IV Year	Dr.SANKARA NARAYANAN-9976028293
7	9168 DILEEP CHANDRA NIMMADA	9502751265	IV Year	Mr VENKATESH
8	9280 VE PRAMOD EY RISHITHA	9182540655	IV Year	Mr J VIVEK - 9790086636
9	9453 PATE PALLI RAGHUVARDHANKUMAR	9182612608	IV Year	JAGANRAJA V -8248159007
10	9453 PATE PALLI RAGHUVARDHANKUMAR	9182612608	IV Year	JAGANRAJA V -8248159007
11	9474 POLI SAIKUMAR REDDY	9949487381	IV Year	JAGANRAJA V -8248159007
12	9618 PILLILAKSHMI PRAVEENA REDDY	9182899332	IV Year	Mr V SHANMUGANATHAN - 7708946716
13	9618 PILLILAKSHMI PRAVEENA REDDY	9182899332	IV Year	Mr V SHANMUGANATHAN - 7708946716
14	9696 A RAKESH REDDY	8124410166	IV Year	Dr SURESH-9843849880
15	9696 SAIKUMAR TIRUPATHI TATI	8999401927	IV Year	FEMI-8939520500
16	10113 Mayadeesapaju	9182743064	IV Year	Dr.THANGA MARIAPPAN-9566866210
17	10267 MD SAQUIB PASHA	7799883786	IV Year	P ARIVUBRAKAN - 9003775116
18	10327 Prashant Jha	7091605548	IV Year	P ARIVUBRAKAN - 9003775116
19	10327 Prashant Jha	7091605548	IV Year	P ARIVUBRAKAN - 9003775116
20	10586 VAIBHAV KUMAR JHA	9123295164	IV Year	S HANNAH - 9444358300
21	10593 RAVI KUMAR	8327894717	IV Year	S HANNAH - 9444358300
22	10654 NAVIN KUMAR SHARMA	9932912159	IV Year	Dr.R. Aruna - 9500900554
23	10672 Nansar Alam	8757665293	IV Year	Dr.R. Aruna - 9500900554
24	10769 PRAMOD ACHARAYA	7338965827	IV Year	Ms SUGANYA-9791959857
25	10833 K HARSHVARDHAN	7389524240	IV Year	DHARMATEJA M-9502217548
26	10808 PRATHYUSHA RAYAPATI	7780309403	IV Year	DHARMATEJA M-9502217548
27	10883 AKULA MONIKA	8247064999	IV Year	Ms SUGANYA-9791959857
28	10942 MUKUNDAN	9600123649	II Year	Mr GRIRAJAN
29	11094 PARUCHURI PAVAN KUMAR	7032685551	III Year	Mrs LAKSHMI DHEVI-951145796
30	11095 POKURU JOSHINA	6302959400	III Year	Mrs.LAKSHMI DHEVI-951145796
31	11105 SUDDAPALLI NITISH VARMA	6303329511	III Year	Mrs LAKSHMI DHEVI-951145796
32	11132 G JANANI NAGA SAI PRAVALLIKA	6303265961	III Year	MR. SENTHIL KUMAR. N.K-9884047305
33	11137 KSHATRI PAVAN NANDAN SINGH	6303157398	III Year	MR. SENTHIL KUMAR. N.K-9884047305
34	11188 SABARINATHAN A	9952720235	III Year	KISHORE KUMAR. K-9092330191
35	11192 ANUBHUV KUMAR	8580107544	III Year	KISHORE KUMAR. K-9092330191
36	11197 ANSHARA KAHN	7395934820	III Year	KISHORE KUMAR. K-9092330191
37	11231 E PARTHASARATHY	8056295081	III Year	MANIKANDAN N K-8940111246
38	11232 HIRAN GHOSH	8972096644	III Year	MANIKANDAN N K-8940111246
39	11241 CHALASANI LEELA VENKATA NAGENDRA BABU	7730043237	III Year	MANIKANDAN N K-8940111246
40	11242 CH T V PHANEENDRA BABU	7330883729	III Year	MANIKANDAN N K-8940111246
41	11293 SOURAV KUMAR RUNGTA	9905771498	III Year	MS. Nivethida- 9488530531
42	11293 SOURAV KUMAR RUNGTA	9905771498	III Year	MS. Nivethida- 9488530531
43	11309 Aniket Biswas	9531927125	III Year	MS. Nivethida- 9488530531
44	11313 BISHAL SAHA	9647525258	III Year	MS. Nivethida- 9488530531
45	11323 ANSH RAJ GUPTA	8651186432	III Year	MS. Nivethida- 9488530531
46	11332 K Narendra varma	9381023199	III Year	MS. Nivethida- 9488530531
47	11333 T K SAI ANOO	9121818955	III Year	MS. Nivethida- 9488530531
48	11338 KONA AKHILA LAKSHMI SRAVANI	6301878991	III Year	MS. Nivethida- 9488530531
49	11346 S V N S S RAKESH	9948181111	III Year	MS. Nivethida- 9488530531
50	11381 BELLAMKONDA CHANDRA SEKHAR	6281373363	III Year	Ms Sumthay
51	11585 V Praneeth	7997448490	III Year	Dr MEENA. K-9940840274
52	11585 V Praneeth	7997448490	III Year	Dr MEENA. K-9940840274
53	11639 P VARALAKSHMI	9884987885	III Year	Dr MEENA. K-9940840274
54	11666 SATWAT KUMAR AMBASHTA	890052975	III Year	Dr Jagedeesh
55	11673 PRAGATI JHA	6204474168	III Year	Dr Jagedeesh
56	11714 TIPBORLANG MAWSOR	9366978944	III Year	Dr Jagedeesh
57	11749 KARTIK KALITA	8399099835	III Year	Dr Jagedeesh
58	11709 PRANAV GOEL	9339999947	III Year	Dr Jagedeesh
59	11835 ANKITA BUDDHA	7633023490	II Year	Dr Rajalakshmi
60	11836 AYUSH RAJ	6299552593	II Year	Dr Rajalakshmi
61	11851 NOUSHEEN A	9884185132	II Year	Dr.Rajalakshmi
62	11868 ISHIKA KUMARI PRASAD	6299011730	II Year	Dr.Rajalakshmi
63	12105 YADA VENKATA DEVENDAR	6281873978	III Year	Dr.Shyamaladevi -9962028328
64	12162 ANNE NAGA BHADRA DILIP	7207292938	III Year	BHARATHI. S-7358481543
65	12162 ANNE NAGA BHADRA DILIP	7207292938	III Year	BHARATHI. S-7358481543
66	12195 K ESWAR NARASIMHA PRASAD	9866517747	III Year	BEAULAH- 812478710
67	12221 K VAYU NANDAN SINGH	8305421654	III Year	J PRAVEEN CHANDER-9786491044
68	12254 SIVA KAMALESH	6301475419	III Year	J PRAVEEN CHANDER-9786491044
69	12297 BURLA SUDHA RANI	6304646321	III Year	PRABHU. V-9597739629
70	12331 LAVANURU MAHESH	6302365371	III Year	PRABHU. V-9597739629

71	12346	ANJALI JAISWAL	6379191597	III Year	ASHOK KUMAR - 9750172872
72	12350	VEGI ASRITHA	7067448328	III Year	ASHOK KUMAR - 9750172872
73	12351	Vegi Nikhil	7067430676	III Year	ASHOK KUMAR - 9750172872
74	12361	Kavya sri M	9789011343	III Year	ASHOK KUMAR - 9750172872
75	12367	Gogula Divya Jyothi	6301747428	III Year	Dr SANTHOSH - 9994873643
76	12367	Gogula Divya Jyothi	6301747428	III Year	Dr SANTHOSH - 9994873643
77	12431	Deepika	8367424316	III Year	ASHOK KUMAR - 9750172872
78	12431	Deepika M	8367424316	III Year	ASHOK KUMAR - 9750172872
79	12439	PUTTA DEEPAK SAI	9963898034	III Year	ASHOK KUMAR - 9750172872
80	12483	KALEWAR MANISH	9000147510	III Year	Dr SANTHOSH - 9994873643
81	12483	KALEWAR MANISH	9000147510	III Year	Dr SANTHOSH - 9994873643
82	12484	VENKATA RAJESWARI KARNAM	7207737830	III Year	Dr SANTHOSH - 9994873643
83	12490	VAVILLA JASHWANTH KUMAR REDDY	9010025240	III Year	Dr SANTHOSH - 9994873643
84	12494	K SACHIN	9642037408	III Year	Dr ARUL KUMARAN - 9894318517
85	12494	KAMMARI SACHIN	9666493142	III Year	Dr ARUL KUMARAN - 9894318517
86	12500	ARA RATHESH	7337567329	III Year	Dr ARUL KUMARAN - 9894318517
87	12511	PEDDI MANISH	9110700679	III Year	Dr ARUL KUMARAN - 9894318517
88	12525	B ABHILASH	8367089171	III Year	Dr ARUL KUMARAN - 9894318517
89	12527	M ROHITH KUMAR	9640412184	III Year	R THANGA SELVI
90	12545	S KRANTHI	8074124447	III Year	R THANGA SELVI
91	12546	B KARTHIK	9989677787	III Year	R THANGA SELVI
92	12568	ALEKANTI SAI TEJA REDDY	9642002174	III Year	R THANGA SELVI
93	12733	K NAVEEN KUMAR REDDY	7331178761	III Year	Mr.ARUN PANDIAN-9789273091
94	12856	K S CHAITANYA	7331178761	III Year	Mr.ARUN PANDIAN-9789273091
95	12856	K S CHAITANYA	7331178761	III Year	Mr.ARUN PANDIAN-9789273091
96	12856	K S CHAITANYA	7331178761	III Year	Mr.ARUN PANDIAN-9789273091
97	12856	K S CHAITANYA	6302321686	III Year	Dr A PRAKASH
98	12941	GODITHI JYOTHI SOWBHARNIKA	7032248390	III Year	Dr.Umanandhini-9841593117
99	12951	JONNALAGEDDA U K S PRANEETH	9705465477	III Year	Dr.Umanandhini-9841593117
100	12982	NAGIREDDI NAGA SINDHU SRI	8809039744	III Year	Dr.Umanandhini-9841593117
101	13039	ATUL GOPAL	8933077556	III Year	Dr.Umanandhini-9841593117
102	13140	HARSHIT GUPTA	6203089313	III Year	Mr.Karthikram-9080968318
103	13150	Amir Ahmad	7981188661	III Year	Mr.Karthikram-9080968318
104	13199	MALLESETTY MADHAN	9381191411	III Year	MS.V.VIDHYA-8220337188
105	13240	S AKHILESH	9381191411	III Year	MS.V.VIDHYA-8220337188
106	13240	S AKHILESH	9381191411	III Year	MS.V.VIDHYA-8220337188
107	13240	S AKHILESH	7330790990	III Year	MS.V.VIDHYA-8220337188
108	13243	BANTUPALLI TARUN	+9779807146177	III Year	Dr.S.P.Raja 9486181212
109	13588	KUNAL KARN	6200205068	III Year	Dr.S.P.Raja 9486181212
110	13590	NANDAN KUMAR DAS	9059207106	II Year	Ms.Sangeetha
111	14077	KONDURU SUMANTH	6303136933	III Year	S.AARIF AHAMED- 9894970769
112	14189	SASIPRIYA BHIMANI	7569224633	III Year	Mr.S Ravikumar-9597999100
113	14197	Indra madhavi	9542511424	III Year	Mr.S Ravikumar-9597999100
114	14199	KONDURU SUVARNA	9515726821	III Year	Mr.S Ravikumar-9597999100
115	14203	K. SUSHMA SRI	9949581634	III Year	Mr.S Ravikumar-9597999100
116	14209	KOLLA JAGADEESH	9618386469	III Year	Mr.S Ravikumar-9597999100
117	14228	VENKATA SREE HARSHITHA CHENNAKESAVULA	9121345495	III Year	Mr.S Ravikumar-9597999100
118	14229	JAYANTHI NAGA RAMYA	6303299720	III Year	Mr.S Ravikumar-9597999100
119	14233	KOYYA GIRISH KUMAR	6303299720	III Year	Mr.S Ravikumar-9597999100
120	14233	KOYYA GIRISH KUMAR	6303299720	III Year	Mr.S Ravikumar-9597999100
121	14233	KOYYA GIRISH KUMAR	6303299720	III Year	Mr.S Ravikumar-9597999100
122	14234	BHANU PRAKASH GUPTHA ADDEPALLI	8790128081	III Year	Mr.S Ravikumar-9597999100
123	14241	ANDE VEERA VENKATA RAMANA	7358214967	III Year	Mr.S Ravikumar-9597999100
124	14245	ABHAY RAJ	7070684484	III Year	Mr.G.D Kesavan-8870384222
125	14245	ABHAY RAJ	7070684484	III Year	Mr.G.D Kesavan-8870384222
126	14249	Rajesh	9494099922	III Year	Mr.G.D Kesavan-8870384222
127	14259	VENUTHURLA BHARGAVA	9059037156	III Year	Mr.SARAN RAJ-8122535491
128	14300	ANNAPANENI TARAKARAM	9494943887	III Year	Mr.SARAN RAJ-8122535491
129	14300	ANNAPANENI TARAKARAM	9494943887	III Year	Mr.SARAN RAJ-8122535491
130	14330	RAUSHAN SINGH	9006058195	III Year	Mr.SARAN RAJ-8122535491
131	14335	ANKAM KAVITHA	9553107522	III Year	Mr.SARAN RAJ-8122535491
132	14336	POTHUPALEPU SRINIVAS	9908765014	III Year	Mr.G.Rajesh-9962462340
133	14382	BUDHAVARAPU SESA SAI	9133843602	III Year	Mr.G.Rajesh-9962462340
134	14393	GOUTHAM REDDY ENUGULA	8501052270	III Year	MR ANTONY KUMAR- 9840644980
135	14411	ANIMESH GUPTA	7309970942	III Year	Mr.G.Rajesh-9962462340
136	14415	SURAJ KUMAR	7224980214	III Year	Mr.G.Rajesh-9962462340
137	14437	ABHAY KUMAR GAUTAM	9155993059	III Year	Mr.S Saravankumar-7200361069
138	14442	SHOURYA SINGH	6355262934	III Year	Mr.S Saravankumar-7200361069
139	14558	UTPAL KUMAR SHARMA	6383945689	III Year	Mr.S Saravankumar-7200361069
140	14627	RAJU KUMAR RAY	9529132706	III Year	Mr.S.N.Manoharan-9566708978
141	14628	SHIVAM KUMAR	9931095200	III Year	Mr.S.N.Manoharan-9566708978

142	14828	S-HIVAM KUMAR	9931095200	III Year	Mr. S. N. Manoharan-9586708978
143	14831	K SAI PRAGNA	9381143606	III Year	Ms. M. Nanthini-9877335048
144	14834	K JASWANTH	7095715543	III Year	Ms. M. Nanthini-9877335048
145	14858	MANDADI ADARSH	8878273696	III Year	Mrs. Elaiya
146	14859	MANDADI ADARSH	8878273696	III Year	Mrs. Elaiya
147	14705	M. L. SYAMPRASANNAREDDY	9502340031	III Year	Mrs. Elaiya
148	14743	PAVELLA VISHNI	98785585674	III Year	Ms. Karthika-7904180128
149	14758	W KARTHIK	9440538883	III Year	Ms. Karthika-7904180128
150	14802	J. N. FAJNA PRATHAP	8790164881	III Year	HEMALATHA K-9444278287
151	14812	K. J. J. J. THARUN	8681285150	III Year	HEMALATHA K-9444278287
152	14850	K. Lakshana Prudhvi	7728838852	III Year	Dr. L. Jayakumar-8781442705
153	14865	(J. T. T. ANJANENI) W. J. NIKA	8303183108	III Year	Dr. L. Jayakumar-8781442705
154	14860	W. VENKATA SA. SRINIVARSA	7702101565	III Year	Ms. S. KIRUTHIRISA-8753306188
155	15058	W. J. J. W. J. NIKA	8303470718	III Year	Ms. S. KIRUTHIRISA-8753306188
156	15051	K. SA. KIRAN	7052414235	II Year	Ms. Vijitha
157	15053	W. ANAND K. MEEL	7878878580	II Year	Ms. Vijitha
158	15051	K. S. S. S. H.	82261837588	II Year	ms. Blessy
159	15051	K. S. S. S. H.	82261837588	II Year	ms. Blessy
160	15051	K. S. S. S. H.	7781778128	II Year	Mr. TharjivaDine

11. Certificate for Participants



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University) Estd. as 3 of UGC Act, 1956

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. / Mr. / Ms. _____

of _____ has actively participated

in the one day seminar on **"BLOCK CHAIN TECHNOLOGIES FOR SMART CITIES"** held on 28th October 2020 organized by Department of Computer Science and Engineering, School of Computing at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai.

Prof. Dr. V. Srinivasa Rao
Dean - SoC & HoD - CSE

Prof. S. Salivahanan
Vice Chancellor