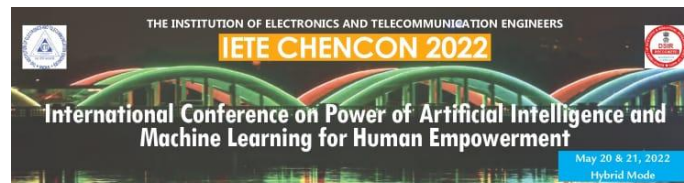


**SRI VENKATESWARA COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**REPORT ON IETE - CHENCON 2022**

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS  
CHENNAI CENTER**

The CHENCON Conference –2022 was a 2-day International Conference themed on “Power of Artificial Intelligence & Machine Learning for Human Empowerment”. It was organized by the Institution of Electronics and Telecommunication Engineers – Chennai Center in hybrid mode. The event provided a platform for Research Scholars and students from various institutions to showcase their technical acumen through presenting a paper on various domains. This event was conducted both in online (Google Meet) and offline mode ( at SVCE).



**Call for Papers**

**About IETE**

Founded in 1963, the Institution of Electronics and Telecommunication Engineers (IETE) is a leading professional society. Its vision is to reach the unreached and empower the youth through Technical Education and Skill development with a Mission for Advancement of Electronics, Telecommunication, Information Technology & other related disciplines; to contribute in Nation's Human Resource & Infrastructure Development through our Engineers & Scientists. The Government of India, Ministry of Science and Technology, Department of Scientific & Industrial Research has recognized IETE as a Scientific and Industrial Research Organization (SIRO).

**Scope of The Conference**

Recently, the use of AI/ML technology has been exponentially increasing in our daily lives. AI/ML applications represent an important evolution in computer science and data processing that is quickly transforming a vast array of domains. IETE CHENCON 2022 provides vibrant opportunities for the delegates to exchange new ideas, applications, practical challenges encountered and to leverage AI and ML technologies. The technical program of the conference will consist of invited key note talks and paper presentations. IETE CHENCON 2022 accepts technical paper presentation from research scholars, faculty, students and industry professionals in emerging areas of AI and ML applications but not limited to:

**Track - 1: AI Enabled Technologies**

- Advanced Robotics
- Intelligent Drones and UAVs
- Natural Language processing
- Speech Recognition
- Image Processing
- Conversational systems
- Image analysis
- Computer vision
- Face and Gesture Recognition
- Object recognition
- Document analysis
- Earth observation and Visualization
- Weather and Climate prediction
- Localization Technologies
- Ethical and Responsible AI

**Track - 2: AI/ML Infrastructure**

- Enhanced data visualization
- Data preparation
- Data labeling
- Big data
- Edge devices
- Cloud ML platform
- Digital health and well being
- Prediction/Detection of diseases
- AI for Effective treatment/therapy
- 3D imaging and sensing
- ML/AI for autonomous systems
- AI and ML for Healthcare
- AI and ML Pandemic tracking
- AI and ML for Virtual learning
- Physics inspired ML

**Track - 3: Emerging Applications of AI in Communication**

- AI/ML in the PHY Layer
- AI and machine learning for 5G
- Propagation at mm Waves and THertz
- Beyond 5G & 6G communications
- New modulation and coding techniques
- Antenna array processing
- AI/ML for wireless/optical/satellite networks
- Reconfigurable Intelligent Surfaces
- Detection, Localization
- Radio Network Traffic Prediction
- Mobility Analytics
- Smart Communications
- MIMO and Multi antenna Beamforming
- Microwaves and Antenna
- THz Sensing and Spectrum

**Track - 4: Industry Applications of AI**

- Factory automation
- Autonomous driving and V2X
- Internet of Things Analytics
- Cryptography
- Energy Management and Analytics
- Smart farming environments
- Quantum Computing
- Cybersecurity
- Cryptocurrencies
- Smart Cities Based on IoT and AI
- Industry 4.0
- Underwater Technologies
- 6G, Augmented/Virtual Reality
- VLSI designs of AI implementations
- AI/ML Chipsets

**Submission Guidelines**

Prospective authors are invited to submit full papers describing original, previously unpublished, complete work in four pages in A4 IEEE double column conference template, including figure, results and references. Submitted papers will be reviewed by two to three technical committee or reviewers. Accepted and registered papers of IETE CHENCON 2022 will be published in the conference proceedings. Extended versions of the accepted and presented papers will be recommended for publication in IETE Journals, SCOPUS, SCI and other indexed journals. Authors must submit the papers through their Easy chair account using the following link: <https://easychair.org/conferences/7conf-iatechencon2022> or submit the papers to the Email ID: [chencon2022@gmail.com](mailto:chencon2022@gmail.com)

**Registration Fee & Details**

At least one author for each paper should register for the conference. If an author has more than one accepted paper, registration fee has to be paid for each Paper ID.  
IETE members including ISF : Rs. 1500 + GST  
Non-IETE members : Rs. 2500 + GST  
International Participants : \$50

**Important Dates**

Last date for paper Submission: 06.05.2022  
Notification of Acceptance: 10.05.2022  
Registration on or before: 15.05.2022  
Conference Dates: 20.05.2022 & 21.05.2022  
For more details please visit: <http://ietechennai.in/chencon.html>

Selected and presented papers will be published in the Journal of Science and Technology (ISSN 2456-5660)

Dr.N.Venkateswaran, Professor, Sri SivasubramaniyaNadar College of Engineering, Chairman, IETE Chennai Center addressed the gathering on how the event is bringing out various talents & thanked the organizing team.

### **About the Chief Guest:**

Dr.V.Kamakoti, Director, IIT Madras was the chief guest for the event. He has also designed India's first indigenously – developed Microprocessor 'SHAKTI' and is also a Member of the National Security Advisory Board, Government of India. He was also appointed by the Union Commerce Ministry in 2017 as the Chairman of a Taskforce on leveraging Artificial Intelligence for development across various fields. He is an alumnus of SVCE and has gone to win many laurels such as the DRDO Academy Excellence Award, IBM Faculty Award & the ACCS – CDAC Foundation Award.

### **Details about the event:**

Commencement	May 20 <sup>th</sup> 2022 (9.00 AM IST)
End	March 21 <sup>st</sup> 2022 (3.30PM IST)
Total Teams	41 teams
Team Size	Max. 5 per team
Registration	About 100 teams

Proposal for the  
event:

**SVCE** | Sri Venkateswara  
College of  
Engineering

Autonomous Institution, Affiliated to Anna University, Chennai.

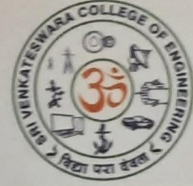
Approved by the A.I.C.T.E, Accredited by NAAC

Post Bag No.1, Pennalur, Sriperumbudur Tk. 602117 India.

Phone : 91-44-27152000(20 lines)

Fax : 91-44-2715 2111

Email : acm@svce.ac.in URL : <https://www.svce.ac.in>



27.04.2022

To

Dr.N.Venkateswaran  
Chairman – IETE Chennai Centre  
No.37 Conran Smith Road  
Gopalapuram  
Chennai – 600 086

Dear Sir

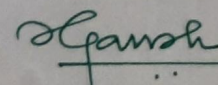
**Sub.:** IETE CHENCON 2022 – International Conference by IETE,  
Chennai Centre - regarding

We, hereby, express our consent to host the IETE-CHENCON 2022 in our College premises on 20<sup>th</sup> and 21<sup>st</sup> May, 2022.

Please let us know the arrangements to be made to make the Conference a memorable event for the participants and the delegates.

We look forward to host the event.

Thanks and best regards

  
PRINCIPAL

## **About the event: Day 1**

The event commenced at 9:30 AM on 20<sup>th</sup> May (Friday). The event commenced with a prayer song by Mr. B.Sankaranarayanan, III Year ECE Student, followed by a welcome address by Dr.T.J.Jeyaprabha, Associate Professor, Department of ECE & Honorary Treasurer, IETE Chennai Center. Then the President message was given by the Chief Guest Prof (Wg Cdr) P Prabhakar, who stressed on the importance of Artificial Intelligence in today's world & IETE's contribution towards the same. It was followed by an insightful message by Sri V. Venkatesan – Programme Director, SAMEER Chennai. He highlighted the recent spike in the usage of AI/ML into their respective domains. Dr.N.Venkateswaran, Chairman, IETE Chennai Center addressed the gathering on how the event is bringing out various talents & thanked the organizing team. It was followed by the Guest of Honour address by Dr. S. Muthukumar, HOD – ECE, Sri Venkateswara College of Engineering. The event was hosted by Ms. Radha G, IIIrd year ECE student of SVCE.

A total of 41 teams were shortlisted from 100 registrations based on innovation & statement of interest regarding the conference.

## **SNAPSHOTS OF DAY 1 OF THE EVENT**



SpeakerDetails:Day 1

**International Conference on Power of Artificial Intelligence and Machine Learning for Human Empowerment  
CHENCON2022**

**Keynote Talks and Technical Sessions**

Venue: Sri Venkateswara College of Engineering (SVCE),  
Pennalur, Sriperumbudur.

Date & Time		Details	
<b>Day 1: Friday, 20<sup>th</sup> May, 2022</b>	09.00 - 09.30	<b>Registration</b>	
	09.30 - 10.30	<b>CHENCON 2022 - Inauguration</b> Join Online Link: <a href="https://meet.google.com/utg-pduc-rsg">https://meet.google.com/utg-pduc-rsg</a>	
	Morning break with refreshments		
	10.45 - 11.45	<b>Keynote Talk (PMKT) -1</b>	<b>Dr. P. Vijayalakshmi,</b> Professor and HoD, ECE, Sri Sivasubramaniya Nadar College of Engineering, Chennai <b>Speech technology - Challenges of a learning machine</b>
	11:45 - 12:45	<b>Keynote Talk (PMKT) -2</b>	<b>Dr. Sudarsun Santhiappan,</b> Chief Scientific Officer and Co-Founder BUDDI AI (A Claritrics Company), Chennai <b>AI for Healthcare</b>
	Lunch Break		
	13:30 - 15:30	<b>Technical Session</b>	OMTS 1: AI Enabled technologies <b>Paper IDs: IC -12,13,20,25,28</b> <a href="https://meet.google.com/gdo-sryv-bxb">https://meet.google.com/gdo-sryv-bxb</a>
			OMTS 2: AI / ML Infrastructure <b>Paper IDs: 10,11,40,49,57</b> <a href="https://meet.google.com/isg-dnbu-try">https://meet.google.com/isg-dnbu-try</a>
			OMTS 3: Emerging applications of AI in Communication <b>Paper IDs: 08,15,17,26,42</b> <a href="https://meet.google.com/dfi-bqmm-dfo">https://meet.google.com/dfi-bqmm-dfo</a>
			<b>PMTS 1:</b> <b>Paper IDs: IC-56,60,61,76</b> <b>Venue: Conference Hall</b>
18:30 - 19:30	<b>Keynote Talk OMKT -1</b>	<b>Mr. Srinivasa Raghavan Parthasarathy</b> Product Manager and Platform Test Design Lead Apple, Pleasanton, California, United States <b>Harnessing Power of AI and ML - The Smart Way</b> <a href="https://meet.google.com/utg-pduc-rsg">https://meet.google.com/utg-pduc-rsg</a>	

## About the event: Day 2

The event commenced with a welcome address by Dr.T.J.Jeyaprabha, Associate Professor, Department of ECE& Honorary Treasurer, IETE Chennai Center followed by president address by Prof (Wg Cdr) P Prabhakar (Veteran) President, The Institution of Electronics and Telecommunication Engineers (IETE), New Delhi. The Guest of honour addressing was done by Dr. S. Ganesh Vaidyanathan Principal, Sri Venkateswara College of Engineering.

## SNAPSHOTS OF DAY 2 OF THE EVENT



## SpeakerDetails: Day 2

# International Conference on Power of Artificial Intelligence and Machine Learning for Human Empowerment CHENCON2022

## Keynote Talks and Technical Sessions

Venue: Sri Venkateswara College of Engineering (SVCE),  
Pennalur, Sriperumbudur.

Date & Time	Details		
Day 2: Saturday, 21 <sup>st</sup> May, 2022	09.00 – 10.00	<b>Keynote Talk (PMKT) - 3</b> Dr. Ram Prasad Krishnamoorthy, Assistant Professor, Department of CSE, Shiv Nadar University - Chennai. <b>Emerging Deep learning models</b>	
	<b>Morning break with refreshments</b>		
	10.10 – 11.10	<b>Keynote Talk (PMKT) - 4</b> Dr. Arun P V, Asst. Professor Computer Science and Engineering, Indian Institute of Information Technology, Sri City <b>Machine Learning for Empowering Agriculture: A case study of using machine learning and remote sensing in smart farming</b>	
	11.15 – 12.45	<b>Keynote Talk (PMKT) - 5</b> Dr. Ganapathy Krishnamurthi, Assistant Professor Robert Bosch Centre for Data Science and AI Department of Engineering Design, IIT Madras. <b>Deep Learning with Limited Annotations</b>	
	<b>Lunch break</b>		
	13:00 - 14:30	<b>Technical Session</b>	OMTS 5: AI Enabled technologies <b>Paper IDs: IC -14,30,35,43,51</b> <a href="https://meet.google.com/gdo-sryv-bxb">https://meet.google.com/gdo-sryv-bxb</a>
			OMTS 6: Industry Applications of AI <b>Paper IDs: 44,45,47,59,63</b> <a href="https://meet.google.com/isg-dnbn-try">https://meet.google.com/isg-dnbn-try</a>
OMTS 7: Emerging applications of AI in Communication <b>Paper IDs: IC -19,68,73,74,78</b> <a href="https://meet.google.com/dfi-bqmm-dfo">https://meet.google.com/dfi-bqmm-dfo</a>			

			<b>PMTS 2:</b> <b>Paper IDs: IC-7,31,53,54</b> <b>Venue: Conference Hall</b>
	<b>18:30 - 19:30</b>	<b>OMKT -2</b>	<b>Ms.C. Gnanapriya,</b> Associate Vice President, Infosys, Bengaluru <b>From Complexity to Possibility- How AI can unleash the potential of 5G?</b> <a href="https://meet.google.com/utg-pduc-rsg">https://meet.google.com/utg-pduc-rsg</a>
	<b>14.30 - 15.15</b>	<b>Valedictory Function</b>	

### **About the judges:**

There were 4 judges from SVCE-ECE panel who attended on 20<sup>th</sup> May 2022 Dr.N.Kumarathan, Prof., ECE, SVCE, Dr.R.Gayathri, Asso.Prof., ECE, SVCE, Dr.P.Ashok, AP, ECE, SVCE, Dr.A.Prashanth, AP, ECE, SVCE and 4 judges attended on 21<sup>st</sup> May 2022. They were Dr.G.SathishKumar, Prof., ECE, SVCE, Dr.P.Jothilakshmi, Prof., ECE, SVCE, Dr.S.R.Malathi, Asso.Prof., ECE, SVCE, Dr.A.Vijayanand, AP, ECE, SVCE.

The judges from other institutions who attended in online and offline mode. They were Dr.Kavitha Balamurugan, Prof., ECE, KCG College of Technology, Ms.T.Gophika, AP, ECE, Easwari Engineering College, Ms.S.Anusooya, AP, ECE, B.S.Abdur Rahaman Crescent Institute Of Science & Technology, Ms.NancyWilliam, AP, ECE, Jeppiaar Institute of Technology, Dr.S.Sumathi, Prof., ECE, Sri Sairam Engineering College, Dr.K.Sumathi, Asso.Prof., ECE, Sri Sairam Engineering College, Dr.D.Jessintha, Asso.Prof., ECE, Easwari Engineering College, T.D.Subha, AP, ECE, RMK Engineering College, Dr.E.R.Premkumar, Prof., ECE, Panimalar Institute of Technology, Ms.Sathiyapriya, AP, ECE, Panimalar Institute of Technology.

### **Prize Distribution:**

The prize distribution ceremony was graced by the presence of the President, IETE – Prof P Prabhakar & the Principal of SVCE, Dr.GaneshVaidyanathan. He addressed the crowd and congratulated the participants for their enthusiasm and awarded the cash prizes and certificates to all the winners Dr.P.Jothilakshmi, Professor, Department of ECE and Dr.G.A.Sathish Kumar, Professor, Department of ECE, Sri Venkateswara College of Engineering also distributed the awarded the participants. Dr.T.J. Jeyaprabha, Associate professor, Department of ECE awarded the participation certificates. Finally the event ended gracefully with the vote of thanks by Dr.P.Jothilakshmi, Professor, Department of ECE Dr.G.A.Sathish Kumar, Professor, Department of ECE, Sri Venkateswara College of Engineering followed by National Anthem.



### About the participants:

A total of 41 teams from various universities participated in the conference. There was also an enthusiastic interdisciplinary and intercollege participation from various departments and years. The participants attended the event in offline as well as online mode.

S.No.	Date	Paper ID	Participants	Topic	Institute
<u>1</u>	May 20, 2022	IC 12	Surendiran R, Kalaichelvi G, BhadruAmgothu, SujithaSathiyamoorthy, Kishan	A Review of Deep Learning-Based Models For Automatic Modulation Recognition	J SAMEER-CEM
<u>2</u>	May 20, 2022	IC 13	SubhabrataDhar, Sabyasachi Chatterjee	Channel Selection by Using Fuzzy C Means Clustering Under Lower SNR	GURU NANAK INSTITUTE OF TECHNOLOGY
<u>3</u>	May 20, 2022	IC 20	Sanchana.R, NithyaDevi.S, Mercy.P,BhavaniSree.S K, Swetha.S	Analysis of Twitter Data Using Machine Learning Algorithms	SRI SAI RAM INSTITUTE OF TECHNOLOGY
<u>4</u>	May 20, 2022	IC 25	Sneha S, Shweta Srikanth, VikramVenkat Krishnan, W Jinohans, N Padmapriya	Solving Partial Differential Equations Using Deep Learning	SRI SIVASUBRAMA NIYA NADAR COLLEGE OF ENGINEERING
<u>5</u>	May 20, 2022	IC 28	Shreya G Gawande, Ajay P Thakare, Bhushan V Wakode	A Survey on Diabetic Retinopathy Detection Using Deep Learning	SIPNA COLLEGE OF ENGINEERING & TECHNOLOGY, AMRAVATI
<u>6</u>	May 20, 2022	IC 10	Dr. C. Padmaja, KurraPallavi	Data Transmission Through LI-FI in Underwater	G Narayanamma Institute of Technology and Sciences (For Women)
<u>7</u>	May 20, 2022	IC 11	Surendra Kumar P, Siva Prasad A, Sandhya G, Devasena G, Sri Krishna K, MeenaManogna G	Design of Dual-Band Microstrip Antenna for Bandwidth Enhancement Using Slotted DGS	BAPATLA ENGINEERING COLLEGE, BAPATLA, AP , INDIA
<u>8</u>	May 20, 2022	IC 40	Monisha B, SruthiVrindha R, Subashini U, Dr.K.Sumathi	Feasibility of Brain Computer Interface (BCI) and Internet Of Things (IOT) in Assisting Elderly and Disabled People	SRI SAIRAM ENGINEERING COLLEGE
<u>9</u>	May 20, 2022	IC 49	Kanniyappan N, Amali C	Design And Implementation of CPW fed MLDA Antenna for Wireless Personal Area Networks	SRM Valliammai Engineering College

<b><u>10</u></b>	May 20, 2022	IC 57	Dr. J. Chandrasekar Rao, P. Bhargav, N. Harik, N. Vyshnavi	Microstrip Antenna For 5G Sub-6Ghz and X-Band Wireless Communication Applications	BAPATLA ENGINEERING COLLEGE
<b><u>11</u></b>	May 20, 2022	IC 08	Markkandan S, Venkateswaran N	Complexity Analysis of Channel Decomposition Schemes In Multi-User MimoPrecoder	SRM TRP Engineering College
<b><u>12</u></b>	May 20, 2022	IC 15	Abdur Rahman. A, Adhithya Ner. P.V., Bathri. D, Charavanan. V, Abinaya. B, Senthil Kumar. K	Color Image Restoration From Low Resolution Based On Multiscale Decomposition	Rajalakshmi Engineering College
<b><u>13</u></b>	May 20, 2022	IC 17	Shanthi C, Ayswariah S S, Latha K	Bio-Metric Authentication Using Dorsal Hand Vein Pattern	MIT CAMPUS, ANNA UNIVERSITY CHENNAI
<b><u>14</u></b>	May 20, 2022	IC 26	Abinav Narayanan S, Abishek Viswanath P, Bhooshan V, Sreeja B S	Smart Assistant For Visually Impaired Using Computer Vision	SSN College of Engineering
<b><u>15</u></b>	May 20, 2022	IC 42	Dr. M. Selvi, Dr. C. Sheeba Joice, Dr. J. Jeffingracewell	Soil Nutrient Analysis Using IOT For Yield Prediction	Saveetha Engineering College
<b><u>16</u></b>	May 20, 2022	IC 56	T.Suresh, T.D.Subha, Shri Abijith.M, T.Shanmugaesh	A Novel Analysis Of Nd:Yag Photon Materials Usage In The Modern Era	R.M.K. ENGINEERING COLLEGE
<b><u>17</u></b>	May 20, 2022	IC 60	B.Jeyapoornima, T.D.Subha, L.Kavya, K.Jaithri	A Study Of A Gradient Monitoring System Using Wireless Sensor Network	R.M.K ENGINEERING COLLEGE
<b><u>18</u></b>	May 20, 2022	IC 61	N.M.JothiSwaroopan, T.D.Subha, Swathi M., Subhashini. E, Snehaa. S	Analysis Of Wireless Electronic Traffic Mirror Using Dynamic Map Based System	R.M.K. ENGINEERING COLLEGE
<b><u>19</u></b>	May 20, 2022	IC 76	Nancy W, Deepika V, Shobana L, Sai Tharun Kb, Satvika V	For MIMO OFDM Systems, The Design of A New MRMDF Structure-Based FFT Processor	JEPPIAAR INSTITUTE OF TECHNOLOGY
<b><u>20</u></b>	May 21, 2022	IC 14	Reshma P, V Sudha	Neighbour Vehicle Monitoring In V2i Using Dedicated Short-Range Communication	NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI
<b><u>21</u></b>	May 21, 2022	IC 30	BalaAvanthiga B, Divya P, Hariharan B	AI Based Smart Interaction System For Computer Management	SSN COLLEGE OF ENGINEERING
<b><u>22</u></b>	May 21, 2022	IC 35	Dr.M.Ayyadurai, Ganesh BS, Shivani Devi, Shiva Prakash	Work Prediction On Cloud Computing Using Long Short Term Memory Algorithm	SRM Institute of Science and Technology

<b><u>23</u></b>	May 21, 2022	IC 43	Dr.Pavithra Guru, Sai VamsiGorle, Srinivas Jayavarapu, SrimounishaDadi	CNN Based Food Calorie Recognition For Dietary Assessment	SRMIST, Ramapuram
<b><u>24</u></b>	May 21, 2022	IC 51	Charu Jain, Indu Subramanian, MeghnaGovind and Venkateswaran N	Artificial Intelligence And Machine Learning Based Wireless Localization	Charu Jain, Indu Subramanian, MeghnaGovind and Venkateswaran N
<b><u>25</u></b>	May 21, 2022	IC 44	Surendhar A, Sushma R, VenmughilVannan R, YobishiyaStefi W J	An Automatic Emergency Ventilator For Covid Patients	SRM VALLIAMMAI ENGINEERING COLLEGE
<b><u>26</u></b>	May 21, 2022	IC 45	Vinit P. Kharkar, Ajay P. Thakare	A Comprehensive Review of Anemia Detection Methods	SIPNA COLLEGE OF ENGINEERING AND MANAGEMENT , BADNERA
<b><u>27</u></b>	May 21, 2022	IC 47	Ms. Monica Philo s, Ms. Nandhini S, Ms. Rakshitha V S, Ms. Santhiya S, Mr. S Syedakbar, Ms. S Geerthana, Dr. T Sridarshini	3-BIT All-Optical Binary to Gray Code Converter Using 2D Photonic Crystal Design	K. RAMAKRISHN AN COLLEGE OF TECHNOLOGY
<b><u>28</u></b>	May 21, 2022	IC 59	Amara Deepika, A. Vijayalakshmi, M. Meena, G. Nixon Samuel Vijayakumar	Smart Agriculture	R.M.K. ENGINEERING COLLEGE
<b><u>29</u></b>	May 21, 2022	IC 63	Ms. M.Methini, T.R. MohanaPriya, M. Sruthika, S. Suryadharshini	Forecasting The Sea Level Rise Using Arima Model	SRI SAIRAM ENGINEERING COLLEGE
<b><u>30</u></b>	May 21, 2022	IC 19	Ashok C, Vaddi Lakshmi Satya Sai Sarojini, N. Venkateswaran	Direction-of-Arrival Estimation of Multiple Closely Spaced Signals Using MVDR-CSVR Approach	St. Joseph's College of Engineering
<b><u>31</u></b>	May 21, 2022	IC 68	Mahalakshmi V, Sasikala G, Sai VenkataRaghavan N, Nasir SK, Veerendranath R	A New Paradigm of Covid Chamber Using Raspberry PI	Vel Tech RangarajanDr.Sagunthala R&D Institute of Science and Technology
<b><u>32</u></b>	May 21, 2022	IC 73	Elayaraja C, Amali C	Depiction of User Clustering Algorithm In MIMO - NOMA For 5g And Beyond	Dhaanish Ahmed College of Engineering, ANNAUNIVERSITY
<b><u>33</u></b>	May 21, 2022	IC 74	R.K.Sharma	A Review of Data Security Challenges In Wireless Sensor Networks(WSN)	UNITED UNIVERSITY

<u>34</u>	May 21, 2022	IC 78	Amara Deepika, A. Vijayalakshmi, M. Meena, G. Nixon Samuel Vijayakumar	An Eminent Role of Zeolites in Purification Of Solutions	R.M.K. ENGINEERING COLLEGE
<u>35</u>	May 21, 2022	IC 07	Aravind Mohan, Sudarsan V. S. Ranganathan, Vivek Hari Sankaran and N. Venkateswaran	Automated Visual Inspection System For Production Line Using Kinect	Sri Sivasubramaniya Nadar College of Engineering
<u>36</u>	May 21, 2022	IC 31	KrishiDivyaDharshini V, Nethra Prakash K, ShafiyaSidrath A, Venkateswaran N	Diagnosis of Stages of Acute Lymphoblastic Leukemia Using Image Processing and Deep Learning	Sri Sivasubramaniya Nadar College of Engineering
<u>37</u>	May 21, 2022	IC 53	Dr.Dinesh Anton Raja.P, T.D.Subha, Rajalakshmi.D, Priyadharshini.V,	Video Surveillance Based Congestion Avoidance System During Evacuation	R.M.K. ENGINEERING COLLEGE
<u>38</u>	May 21, 2022	IC 54	Sivasubramanian R, SurajSk, Saalini D, SangeethKanna P, T J Jeyaprabha	Digital Jewellery	Sri Venkateswara College of Engineering
<u>39</u>	May 21, 2022		B.Sarala, Dr.G.A.Sathishkumar, A.Shalini, A.Subhapiya, T.Thivya	Secured Dynamic Substitution box Design using Linear Trigonometric Transformation	Sri Venkateswara College of Engineering
<u>40</u>	May 21, 2022		Yukesh Kumar S , Sneha S , Sujitha R , Sakthi M, Vaishnavi M, SathyaPriya S, Ms.T.J.Jeyaprabha	UI BASED SOLUTON FOR XSS VULNERABILITY DETECTION AND REPORT ANALYSIS	Sri Venkateswara College of Engineering
<u>41</u>	May 21, 2022		J. JEFFREY JOAN,NAVEEN SRIRAM.R, UMA MAHESHWARI. D, PRITHIVIRAJ V.S	FINGERPRINT BASEDPERSONAUTH ENTICATION SYSTEM USINGSIAMESE RESNETS	Sri Venkateswara College of Engineering

### **AWARDS:**

<b>Best Paper Award</b>	Dr.C. Shanthi, MIT Campus – Anna University	Biometric Authentication Using Dorsal Hand Vein Pattern
	Dr.K.Latha, MIT Campus – Anna University	
	Ms S.S. Ayswariah, MIT Campus – Anna University	
	B.Sarala, Dr.G.A.Sathishkumar, A.Shalini, A.Subhapiya, T.Thivya Sri Venkateswara College of Engineering	Secured Dynamic Substitution box Design using Linear Trigonometric Transformation

Sample certificates

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS**  
**CHENNAI CENTRE**  
37, Conran Smith Road, Gopalapuram, 600066



**IETE CHENCON 2022**  
International Conference on  
**Power of Artificial Intelligence and Machine Learning for Human Empowerment**

**BEST PAPER AWARD**

Presented to  
**Dr. C. SHANTHI**  
**MIT Campus, Anna University**

for the paper titled *Biometric Authentication Using Dorsal Hand Vein Pattern in the International Conference on Power of Artificial Intelligence and Machine Learning for Human Empowerment- IETE CHENCON 2022 organized by IETE Chennai Centre during May 20 & 21, 2022.*

  
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COORDINATOR

  
**Mr. M. ARUN**  
COORDINATOR

  
**Dr. N. VENKATESWARAN**  
CHAIRMAN

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS**  
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**IETE CHENCON 2022**  
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**CERTIFICATE OF PARTICIPATION**

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of ..... SRI VENKATESWARA COLLEGE OF ENGINEERING .....  
has presented a paper titled ..... DIGITAL JEWELLERY .....  
.....  
..... in the International Conference  
on Power of Artificial Intelligence and Machine Learning for Human Empowerment - IETE  
CHENCON 2022 organized by IETE Chennai Centre during May 20 & 21, 2022.

  
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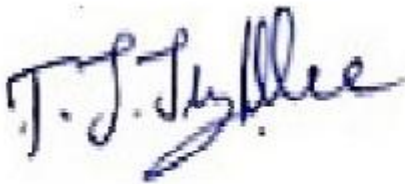
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