Dr. Mahalingam College of Engineering and Technology, Pollachi-3

Department of IT, CSE and MCA

AICTE Sponsored

International E- Conference on Data Analytics, Intelligent Systems and Information Security (ICDIIS '20)

11-12 December 2020

Day – 1 (11 December 2020)

Date &Time	Programme Schedule		
10.00 a.m. to 11.00 a.m. IST. **11 December 2020 and Friday**	**Inaugural Session :** • Prayer Song • Presidential Address • Welcome address • Inaugural address • Vote of Thanks <u>**Chief Guest:**</u> **Mr. Sivaramakrishnan Senthatty** Vice President, Vertical Delivery Unit Head & Strategic initiatives and Business Consulting, HCL Technologies Ltd. –Chennai Tamil Nadu. **Meeting Link:** https://meet.google.com/yic-tpag-omm		
11.00 a.m. to 12.00 p.m IST. **11 December 2020 and Friday**	<u>**Key Note Session 1:**</u> **Dr. Anderson Passos** Miyazaki International College Japan. <u>**Topic:**</u> The social impact of new technologies and the role of data security. <u>**Meeting Link:**</u> https://meet.google.com/eiy-ifrt-dev	<u>**Key Note Session 2:**</u> **Dr. Yasushi Kambayahsi** Nippon Institute of Technology Japan. <u>**Topic:**</u> Evacuation route support system for smartphone users <u>**Meeting Link:**</u> https://meet.google.com/ucf-dcua-rqi	<u>**Key Note Session 3:**</u> **Dr. Charles Z. Liu** Macquarie University Australia. <u>**Topic:**</u> An Agent-Based Collaborative Information Processing System for Mixed Reality Applications <u>**Meeting Link:**</u> https://meet.google.com/xxr-sahw-wec

12.15 p.m. to 01.45 p.m. IST. 11 December 2020 and Friday	**Technical Session-1:** (Data Science and Analytics)	**Technical Session-2:** (Intelligence Systems)	**Technical Session-3:** (Information Security)
	Chair Persons: **Dr. Mukesh Mohania,** IIIT-New Delhi, Delhi. **Dr. Vrijendra Singh,** IIT-Allahabad, Uttar Pradesh.	Chair Person: **Dr. Gaurav Trivedi,** IIIT-Guwahati, Assam.	Chair Persons: **Dr. Kouichi Sakurai,** Kyushu University, Japan. **Dr. Balaji Chandrasekaran,** Indian Institute of Information Technology, Tiruchirappalli, Tamil Nadu.
	1. Paper- ID:18 2. Paper- ID:29 3. Paper- ID:31 4. Paper- ID:34 5. Paper- ID:76 6. Paper- ID:157	1. Paper- ID:90 2. Paper- ID:61 3. Paper- ID:20 4. Paper- ID:121 5. Paper- ID:147 6. Paper- ID:135	1. Paper- ID:150 2. Paper- ID:13 3. Paper- ID:17 4. Paper- ID:33 5. Paper- ID:65
	Meeting Link: https://meet.google.com/gnq-dxgd-rrz	**Meeting Link:** https://meet.google.com/cyn-pnfo-uwh	**Meeting Link:** https://meet.google.com/kcw-fngh-xyf
02.00 p.m. to 03.00 p.m. IST. 11 December 2020 and Friday	**Key Note Session 4:** **Dr. Sanjay Misra** Covenant University Nigeria.	**Key Note Session 5:** **Dr. Mehul S Raval** School of Engineering and Applied Science, Ahmedabad University Ahmedabad.	**Key Note Session 6:** **Dr. Mehdi Nasri** Islamic Azad University Iran.
	Topic: Web- Service's Maintainability	**Topic:** Robust Brain Tumor Segmentation and Overall Survival Prediction	**Topic:** Image Denoising: Methods and applications
	Meeting Link: https://meet.google.com/ijr-hhif-vfq	**Meeting Link:** https://meet.google.com/ohk-oidd-nkb	**Meeting Link:** https://meet.google.com/czd-qhhz-kmw

03.15 p.m. to 04.45 p.m. IST. 11 December 2020 and Friday	**Technical Session- 4:** **(Data Science and Analytics)** Chair Persons: **Dr. Saji K Mathew,** IIT-Madras, Tamil Nadu. **Dr. Lokesh Chouhan,** NIT-Hamirpur, Himachal Pradesh. 1. Paper- ID:78 2. Paper- ID:91 3. Paper- ID:128 4. Paper- ID:165 5. Paper- ID:8 6. Paper- ID:32 **Meeting Link:** **https://meet.google.com/ghy-efrh-zhr**	**Technical Session-5:** **(Intelligence Systems)** Chair Person: **Dr. Sanjeevikumar.P,** Aalborg University, Denmark. 1. Paper- ID:89 2. Paper- ID:5 3. Paper- ID:159 4. Paper- ID:169 5. Paper- ID:155 6. Paper- ID:161 **Meeting Link:** **https://meet.google.com/mpv-zwba-pzu**	**Technical Session-6:** **(Information Security)** Chair Person: **Dr. Harish Ramani,** IIIT-Bangalore, Karnataka. 1. Paper- ID:48 2. Paper- ID:88 3. Paper- ID:99 4. Paper- ID:158 5. Paper- ID:153 **Meeting Link:** **https://meet.google.com/sew-sbbs-dyv**
05.00 p.m. to 06.00 p.m. IST. 11 December 2020 and Friday	**Cultural Programme** **Meeting Link:** **https://meet.google.com/ehb-hgdx-emg**		

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International E- Conference on Data Analytics, Intelligent Systems and Information Security (ICDIIS '20)

11-12 December 2020
Day – 2 (12 December 2020)

Date&Time	Programme Schedule		
10.00 a.m. to 11.00 a.m. IST. **12 December 2020 and Saturday**	**Key Note Session 7:** **Mr. Kaviyarasu P** SkipTheDishes Canada. **Topic:** Recent Trends in Data Engine **Meeting Link:** https://meet.google.com/wym-qejx-iyw	**Key Note Session 8:** **Mr. Guru Perumalsamy** Cisco, California, USA. **Topic:** Digital Transformation and how the world has transformed during the year of Pandemi **Meeting Link:** https://meet.google.com/qng-qxqr-uxd	**Key Note Session 9:** **Dr. Amit Kumar Singh** NIT-Patna, Bihar. **Topic:** Medical data hiding for smart healthcare. **Meeting Link:** https://meet.google.com/npn-zzem-two
11.15 a.m. to 12.45 p.m. IST. **12 December 2020 and Saturday**	**Technical Session- 7:** **(Data Science and Analytics)** Chair Person: **Dr. Dominic P.D.D,** Universiti Teknologi PETRONAS, Malaysia. 1. Paper- ID:137 2. Paper- ID:149 3. Paper- ID:112 4. Paper- ID:49 5. Paper- ID:35 6. Paper- ID:138 **Meeting Link:** https://meet.google.com/doo-vbjt-cmn	**Technical Session- 8:** **(Intelligence Systems)** Chair Persons: **Dr. Rajib Kar,** NIT-Durgapur, West Bengal. **Dr. Amit M Joshi,** MNIT-Jaipur, Rajasthan. 1. Paper- ID:50 2. Paper- ID:38 3. Paper- ID:22 4. Paper- ID:27 5. Paper- ID:26 6. Paper- ID:19 **Meeting Link:** https://meet.google.com/yde-fxee-noh	**Technical Session- 9:** **(Information Security)** Chair Person: **Dr. Inan Guler,** Gazi University, Turkey. 1. Paper- ID:163 2. Paper- ID:37 3. Paper- ID:11 4. Paper- ID:40 5. Paper- ID:66 **Meeting Link:** https://meet.google.com/qcv-kpao-ipm

01.00 p.m. to 02.00 p.m. IST. **12 December 2020 and Saturday**	**Key Note Session 10:** **Dr. Bhaskar Mondal** NIT-Patna Bihar **Topic:** Cyber security and Symmetric key encryption **Meeting Link:** https://meet.google.com/aes-dwcx-jch		
02.15 p.m. to 03.45 p.m. IST. **12 December 2020 and Saturday**	**Technical Session- 10:** **(Data Science and Analytics)** Chair Person: **Dr. Bunil Kumar Balabantaray,** NIT-Meghalaya. 1. Paper- ID:53 2. Paper- ID:98 3. Paper- ID:162 4. Paper- ID:77 5. Paper- ID:7 6. Paper- ID:28 **Meeting Link:** https://meet.google.com/iix-hizn-zsf	**Technical Session- 11:** **(Intelligence Systems)** Chair Person: **Dr. Veerakumar T,** NIT- Goa. 1. Paper- ID:164 2. Paper- ID:6 3. Paper- ID:139 4. Paper- ID:146 5. Paper- ID:9 6. Paper- ID:10 **Meeting Link:** https://meet.google.com/mqh-tepp-sof	**Technical Session- 12:** **(Information Security)** Chair Person: **Dr. Imon Mukherjee,** IIIT-Kalyani, West Bengal. 1. Paper- ID:160 2. Paper- ID:2 3. Paper- ID:42 4. Paper- ID:67 5. Paper- ID:136 **Meeting Link:** https://meet.google.com/sfz-pmvm-jbv
04.00 p.m. to 04.45 p.m. IST. **12 December 2020 and Saturday**	**Closing Ceremony** - Welcome Address - Valedictory address by Chief Guest - Summary report of ICDIIS-20 - Vote of Thanks **Chief Guest:** **Dr. Rajkumar Buyya,** The University of Melbourne, Australia. **Meeting Link:** https://meet.google.com/siz-mmhv-vgj		

Technical Session-1 (Data Science and Analytics): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	18	SEIR Model for COVID-19 Epidemic Using Delay Differential Equation	Devipriya R, Periyar University, Salem, Tamilnadu. Dhamodharavadhani S,Periyar University, Salem, Tamilnadu. Selvi S., NKR Govt. Arts College, Namakkal, Tamilnadu.
2.	29	Survey on Forecasting the Vulnerability of Covid 19 in Tamil Nadu	Ananthi P, Velalar College of Engineering and Technology, Erode, Tamil Nadu. Jabeen Begum S,Velalar College of Engineering and Technology, Erode, TamilNadu. Dr V Latha Jothi, Professor, Velalar College of Engineering and Technology, Erode, Tamil Nadu. Dr S Kayalvili, Velalar College of Engineering and Technology, Erode, Tamil Nadu. Dr S Gokulraj,Velalar College of Engineering and Technology, Erode, Tamil Nadu.
3.	31	A Context-free Grammar based Association Rule Mining Technique for Network Dataset	Saranyadevi S, Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu Murugeswari R, Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu Bathrinath Sankaranarayanan, Kalasalingam Academy of Research and Education, Krishnankoil, Tamil Nadu
4.	34	Comparative analysis between theoretical and simulatory learning methods by data science methodology approach	Patani Rucha Sharadkumar, CMR Institute of Technology, Bangalore, Karnataka S. Shankar Narayan, CMR Institute of Technology, Bangalore, Karnataka
5.	76	Detour homometric number of a graph	Elakkiya Mohankumar SRM University, TamilNadu Kumar Abhishek , Amrita Vishwa Vidyapeetham, TamilNadu
6.	157	A Cluster Based Approach for Finding domain wise Experts in Community Question Answering System	Menaha R, MCET, Pollachi, TamilNadu Jayanthi V E, PSNA College of Engineering and Technology, Dindigul, TamilNadu Krishnaraj N , MCET, Pollachi, TamilNadu Praveen Sundra Kumar N , MCET, Pollachi, TamilNadu

Technical Session-2 (Intelligent Systems): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	90	Transfer Learning approach for grading of Diabetic Retinopathy	T Aswathi, Amrita School of Engineering, Coimbatore, TamilNadu T R Swapna, Amrita School of Engineering, Coimbatore, TamilNadu S Padmavathi, Amrita School of Engineering, Coimbatore, TamilNadu
2.	61	Detection of Tuberculosis based on Deep Learning based methods	Murali Krishna Puttagunta, School of Engineering and Technology, Pondicherry University, Pondicherry. Ravi Subban, School of Engineering and Technology, Pondicherry University, Pondicherry.
3.	20	Comparative Analysis of Glioma Tumor in brain using Machine Learning and Deep Learning Techniques	Sangeetha J, Srinivasa Ramanujan Center, SASTRA Deemed University, Kumbakonam, TamilNadu Vaishnavi D, Srinivasa Ramanujan Center, SASTRA Deemed University, Kumbakonam, TamilNadu Premaladha Jayaraman, School of Computing, SASTRA Deemed University, Thanjavur, TamilNadu
4.	121	i-Hamiltonian laceability in Shadow Graphs	M.R Sumitra Devi, Brindavan College of Engineering, Bengaluru, Karnataka A Girisha, C M R Institute of technology, Bengaluru, Karnataka
5.	147	Diabetes Mellitus Prediction System Using Hybrid KPCA-GA-SVM Feature Selection Techniques	M G Dinesh, Anna University, Chennai, TamilNadu D Prabha, Sri Krishna College of Engineering and Technology, Coimbatore, TamilNadu
6.	135	An Image Encryption Algorithm with Hermite Chaotic Polynomials and Scan Pattern	T Sivakumar, MCET, Pollachi , TamilNadu Senthil Madasamy N, MCET, Pollachi, TamilNadu Pandi M, MCET, Pollachi, TamilNadu R Bharathi, MCET, Pollachi, TamilNadu

Technical Session-3 (Information Security): Paper Details

S.No.	Submission ID	Paper Title	Author Name
1.	150	A Responsiveness Model for Privacy Conservation against Antagonist and Fake User in Cyber-Physical and Online Social Networks	Dr. Vanitha Alagesan, Sona College of Technology,Salem,TamilNadu Dr. Balakrishnan Natarajan, Sona College of Technology, Salem, TamilNadu
2.	13	Automatic Segmentation of outer edges of retinal layers in OCT scan images using Eikonal Equation	Praveen Mittal, GLA University, Mathura, Uttar Pradesh,
3.	17	Optical Chaos KEY generator for Cryptosystems	Baby H.T., Government Engineering College, Hassan, Karnataka Dr.Sujatha B.R, Malnad College of Engineering, Hassan, Karnataka
4.	33	A Study on XSS Attacks: Intelligent Detection Methods	Stency V S, Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu. Mohanasundaram N, Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu.
5.	65	Design of Compact S Box for Resource Constrained Application	Sherine Jenny Rajan, MCET, Pollachi, TamilNadu Sudhakar Radhakrishnan, MCET, Pollachi, TamilNadu Karthikpriya Manieswaran, MCET, Pollachi, TamilNadu

Technical Session-4 (Data Science and Analytics): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	78	Deep Learning Techniques in Tomato Plant – A Review	S. Mohana Saranya, Kongu Engineering College , TamilNadu R.R. Rajalaxmi, Kongu Engineering College, TamilNadu R. Prabavathi, SRM Institute of Science and Technology T. Suganya, Sri Krishna College of Technology, TamilNadu S. Mohanapriya, Kongu Engineering College , TamilNadu K. Tamil Selvi, Kongu Engineering College, TamilNadu
2.	91	Software Defect Prediction using Binary Particle Swarm Optimization with Binary Cross Entropy as the fitness function	Ruchika Malhotra, Delhi Technological University Abhishek Shakya, Delhi Technological University

			Ravi Ranjan, Delhi Technological University
			Rishabh Banshi, Delhi Technological University
3.	128	Laceability on a class of line graph of Cartesian product of graphs	Shashidhar Shekhar Neelannavar, R L Jalappa Institute of Technology, Doddaballapur, Karnataka
			Girisha A., CMR Institute of Technology, Bangalore, Karnataka,
4.	165	Prediction of Cardiovascular Disease using Machine Learning	Balakrishnan M, MCET, Pollachi, TamilNadu.
			Arockia Christopher, MCET, Pollachi, TamilNadu.
			Ramprakash P, MCET, Pollachi, TamilNadu.
			Logeswari A, MCET, Pollachi, TamilNadu.
5.	8	Diagnosis of Long Sightedness Using Neural Network and Decision Tree Algorithms	Roseline Ogundokun, Landmark University, Nigeria,
			Peter O. Sadiku, University of Ilorin, Ilorin, Kwara State, Nigeria
			Sanjay Misra, Covenant University, Nigeria,
			Opeyemi Eyitayo Ogundokun, Agricultural and Rural Management Training Institute and University Omu Aran, Kwara State, Nigeria,
			Awotunde Joseph Bamidele, University of Ilorin, Nigeria,
			Vivek Jaglan, Graphic Era Hill, University, Dehradun, India,
6.	32	Data Visualization in Splunk and Tableau: A Case Study Demonstration	Balaji N,NMAM Institute of Technology, Nitte, Karnataka,
			Karthik Pai B H,NMAM Institute of Technology, Nitte, Karnataka,.
			Barmavatu Praveen, NMAM Institute of Technology, Nitte, Karnataka.
			Bhaskar Bhat.,NMAM Institute of Technology, Nitte, Karnataka.

Technical Session-5 (Intelligent Systems): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	89	Semantic role labelling using transfer learning model	Archana M Nair, Amrita School of Engineering, Coimbatore, TamilNadu Bindu K R, Amrita School of Engineering, Coimbatore, TamilNadu
2.	5	An Android Based Language Translator Application	Roseline Ogundokun, Landmark University, Nigeria, Awotunde Joseph Bamidele, University of Ilorin, Nigeria, Sanjay Misra, Covenant University, Nigeria. Tobe Segun-Owlabi, Landmark University Omu Aran,Kwara State, Nigeria Emmanuel Abidemi Adeniyi, Landmark University Omu Aran,Kwara State, Nigeria Vivek Jaglan, Graphic Era Hill University, Dehradun, India.
3.	159	Extended Adjacent Local Binary Pattern for Texture based Image Retrieval	Ramakrishnan S ,MCET, Pollachi , TamilNadu Nithya S, MCET, Pollachi, Tamil Nadu L.Meenachi,, MCET, Pollachi , TamilNadu Janani A P , MCET, Pollachi, Tamil Nadu,
4.	169	Covid-19 Pandemic Spread as Growth Factor using Forecasting and SIR Models	Gudimella Sai Vennela, Amirta School of Engineering, Coimbatore, Priyanka Kumar, Amirta School of Engineering, Coimbatore,
5.	155	Prospects for the use of artificial intelligence in criminal proceedings	B Shamsutdinov, Tashkent State University of Law, Uzbekistan S Uralov,Tashkent State University of Law, Uzbekistan. S Makhmudov, Tashkent State University of Law, Uzbekistan.
6.	161	Commercial versus Own Hosting	Teresa Guarda, Universidad Estatal Peninsula de Santa Elena, Ecuador. David Bernabé, Universidad Estatal Peninsula de Santa Elena, Ecuador. Erick Cisneros, Universidad Estatal Peninsula de Santa Elena, Ecuador. Paola Galarza, Universidad Estatal Peninsula de Santa Elena, Ecuador. Eduardo Láinez, Universidad Estatal Peninsula de Santa Elena, Ecuador. Fernado Perez-sisa, Universidad Central del Ecuador

Technical Session-6 (Information Security): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	48	Secure and Authenticate Communication by using SoftSIM for Intelligent Transportation System in Smart Cities	Shalini Yadav, Maharshi Dayanand University Rohtak, Haryana. Rahul Rishi, Maharshi Dayanand University Rohtak, Haryana.
2.	88	Security based Job Scheduling (SJS) in Real-Time System	R Kumar, Bhabha Engineering Research Institute, Bhopal M Gangwar, Bhabha Engineering Research Institute, Bhopal
3.	99	A Combined Sudoku and Synthetic Colour Image Techniques for Cryptographic Key Generation	C Manikandan, SASTRA University, Thanjavur. K Sai Siva Satwik, SASTRA University, Thanjavur. T M Smarani, SASTRA University, Thanjavur. P Umamaheshwari, SASTRA University, Thanjavur.
4.	158	Comparative analysis of Machine learning and Deep learning algorithms for Software Effort Estimation	A.G.Priya Varshini, MCET, Pollachi , TamilNadu Anitha Kumari K, PSG College of Technology, TamilNadu Janani D, MCET, Pollachi, TamilNadu Soundariya S, MCET, Pollachi, TamilNadu
5.	153	A bird's eye view of the connections among L-fuzzy i-covers, c-covers and (L-fuzzy) tolerances of L-fuzzy (point) set.	Sai Prasanthi G, Sri Vasavi Engineering College, Andhra Pradesh Pusuluri V N H Ravi, CMR Institute of Technology, Bengaluru, Karnataka Nistala V E S Murthy, Andhra University.

Technical Session-7 (Data Science and Analytics): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	137	Review on Crop Prediction Using Deep Learning Techniques	M K Dharani, Kongu Engineering College, Erode, TamilNadu R Thamilselvan, Kongu Engineering College, Erode, TamilNadu P Natesan, Kongu Engineering College, Erode, TamilNadu PCD Kalaivani, Kongu Engineering College, Erode, TamilNadu S Santhoshkumar, Kongu Engineering College, Erode, TamilNadu
2.	149	Kannada word sense disambiguation using semantic relations	B.H.Manjunatha Kumar, Sri Siddhartha Institute of Technology, Tumakuru, Karnataka. M.Siddappa, Sri Siddhartha Academy of Higher Education, Tumakuru, Karnataka.
3.	112	Alleviating NB conditional independence using Multi-stage variable selection(MSVS): Banking customer dataset application	R Siva Subramanian, Anna University, Chennai. D Prabha, Sri Krishna College of Engg and Tech, Coimbatore. J Aswini J, Saveetha University, Chennai. B Maheswari, Jawahar Engg College, Chennai. M Anita, Jawahar Engg College, Chennai.
4.	49	Prediction of gold price with ARIMA and SVM	D Makala, China University of Petroleum, China. Z Li, China University of Petroleum, China.
5.	35	A Hybrid Framework for Effective Prediction of Online Streaming Data	K Kanagaraj, MEPCO Schlenk Engineering College, Sivakasi, TamilNadu S Geetha, MEPCO Schlenk Engineering College, Sivakasi, TamilNadu
6.	138	Hybrid Genetic Algorithm and Simulated Annealing for Clustering Microarray Gene Expression data	M Pandi, MCET, Pollachi, TamilNadu T Sivakumar , MCET, Pollachi, TamilNadu N Senthil Madasamy, MCET, Pollachi. TamilNadu N Sadhasivam, Sri Indu college of Engineering and Technology, Ibrahimpatan, Telangana

Technical Session-8 (Intelligent Systems): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	50	Smart Maintenance of Continuous Duty Cycle Motors	Benin Pratap C, Karunya Institute of Technology and Sciences, Coimbatore, TamilNadu Kenny Samson, Karunya Institute of Technology and Sciences, Coimbatore, TamilNadu Shine Let G, Karunya Institute of Technology and Sciences, Coimbatore, TamilNadu Chandrasekaran G, Elgi Electric and Industries Limited, Coimbatore, TamilNadu
2.	38	IoT Based Detection of Bore-well Unclosed Holes Using Automated Drone Operated Cameras in a Remote Area	S Renuga Devi , Bannari Amman Institute of Technology, TamilNadu M Dharshini, Bannari Amman Institute of Technology, TamilNadu K Gayathri, Bannari Amman Institute of Technology, TamilNadu B Gopalakrishnan, Bannari Amman Institute of Technology, TamilNadu
3.	22	Design of an Expert System Architecture: An Overview	Durgaprasad Janjanam, Nitte Meenakshi Institute of Technology, Bangalore, Karnataka Bharathi Ganesh,Nitte Meenakshi Institute of Technology, Bangalore,Karnataka. Manjunatha L.,Nitte Meenakshi Institute of Technology, Bangalore, Karnataka.
4.	27	Variant Component Principal Linear Reduction for Prediction of Hypothyroid Disease using Machine Learning	M Shyamala Devi, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Tamil Nadu P Swathi, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Tamil Nadu Ayesha Jahangir,Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Tamil Nadu Dhanunjai Sai Kumar A, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Tamil Nadu

			Naga Bhushan Naidu A,Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Tamil Nadu Raghuram Manas M,Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Tamil Nadu
5.	26	An Empirical analysis of Machine learning Frameworks for digital pathology in Medical Science	Sangeetha S.K.B, SRM Institute of Science and Technology, Tamil Nadu. R.Dhaya, King Khalid University, Kingdom of Saudi Arabia. Dhruv T Shah, SRM Institute of Science and Technology,Vadapalani Campus, Chennai, TamilNadu. Dharanidharan R, SRM Institute of Science and Technology, Vadapalani Campus, Chennai, TamilNadu. K.Praneeth Sai Reddy, SRM Institute of Science and Technology, Vadapalani Campus, Chennai, TamilNadu.
6.	19	Technology Development to provide safety and security for Women	Jansi Rani Sella Veluswami, Sri Sivasubramaniya Nadar College of Engineering, Chennai, TamilNadu Harshini S, Sri Sivasubramaniya Nadar College of Engineering, Chennai, TamilNadu Gayathri M, Sri Sivasubramaniya Nadar College of Engineering, Chennai, TamilNadu Ganesh S, Sri Sivasubramaniya Nadar College of Engineering, Chennai, TamilNadu

Technical Session-9 (Information Security): Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	163	Health Record System for India using EHR Standards: *Systematic Adoption of ICT in Healthcare*	Prashant Kanade, Sir Padampat Singhania University, Udaipur, Rajasthan. Arun Kumar, Sir Padampat Singhania University, Udaipur, Rajasthan
2.	37	Refined Imbricate Cryptography with addition of Polygram Substitution Cipher Method: an enhanced tool for security	M Dharshini, Bannari Amman Institute of Technology, TamilNadu K Gayathri, Bannari Amman Institute of Technology, TamilNadu S Renuga Devi, Bannari Amman Institute of Technology, TamilNadu B Gopalakrishnan, Bannari Amman Institute of Technology, TamilNadu
3.	11	Next Generation Digital Forensic Investigation Model (NGDFIM) – Enhanced, Time Reducing and Comprehensive Framework	Akash A. Thakar, Gujarat University, Gujarat Kapil Kumar, Gujarat University, Gujarat Baldev Patel, Gujarat University, Gujarat
4.	40	Securing the MQTT Protocol using Enhanced Cryptographic techniques in IoT Surroundings	M Sundarrajan, Periyar Maniammai Institute of Science & Technology, Thanjavur. Narayanan A.E., Periyar Maniammai Institute of Science & Technology, Thanjavur. Srithar V, Periyar Maniammai Institute of Science & Technology, Thanjavur,
5.	66	Blockchain based Access Control and Data Sharing Systems for Smart Devices	P Chinnasamy, Sri Shakthi Institute of Engineering and Technology, TamilNadu B Vinodhini, SNS College of Technology, TamilNadu Praveena V, Dr.NGP Institute of Technology, Coimbatore, TamilNadu C Vinothini, Dr.NGP Institute of Technology, Coimbatore, TamilNadu B Ben Sujitha, Jeppiar Institute of Technology, Chennai, TamilNadu

Technical Session-10 (Data Science and Analytics) : Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	53	Enhancing the performance of social spider optimization with neighbourhood attraction algorithm	K Tamilarasi, Srii Jayajothi Arts and Science College, Salem, TamilNadu M Gogulkumar , Mu Sigma, Bangalore, Karnataka K Velusamy, Sri Vasavi College, Erode, Tamilnadu
2.	98	Detection of Non-functional Bore wells Using Machine Learning Algorithms	T. Janani Priya,Thiagarajar College of Engineering, Madurai K.P. Sabari Priya, Thiagarajar College of Engineering, Madurai Jennifer Priscilla Vincent,Thiagarajar College of Engineering, Madurai K.V. Uma, Thiagarajar College of Engineering, Madurai S. Pudumalar, Thiagarajar College of Engineering, Madurai
3.	162	Analyzing ELearning platform reviews using Sentimental Evaluation with SVM Classifier	Muralidharan R, MCET, Pollachi, TamilNadu Kanagasabapathy T, MCET, Pollachi, TamilNadu Vijai Ganesh R P, MCET, Pollachi, TamilNadu
4.	77	Measuring the effect of store attributes on satisfaction level of customers: An empirical study from retailers' perspective	S Anjani Devi, GITAM University, Andhra Pradesh. Pulidindi Venugopal, Vellore Institute of Technology, Vellore. S Aswini Priya, Vellore Institute of Technology, Vellore.
5.	7	Cloud and Big Data: A Mutual Benefit for Organization Development	Moses Kazeem Abiodun, Landmark University, Omu-Aran, Nigeria. Joseph Bamidele Awotunde, University of Ilorin, Ilorin, Nigeria. Roseline Ogundokun, Landmark University, Nigeria. Sanjay Misra, Covenant University, Nigeria. Emmanuel Abidemi Adeniyi, Landmark University, Omu-Aran, Nigeria. Micheal Olaoluwa Arowolo, Landmark University, Omu-Aran, Nigeria. Vivek Jaglan, Graphic Era Hill University, Dehradun, India.
6.	28	A Comparative Overview of Accident Forecasting Approaches for Aviation Safety	Monika, Banasthali Vidyapith, Jaipur, Rajasthan SeemaVerma, Banasthali Vidyapith, Jaipur, Rajasthan Pardeep Kumar, SGT University, Gurugram, Haryana.

Technical Session-11 (Intelligent Systems) : Paper Details

S.No.	Submission ID	Paper Title	Author Details
1.	164	Seizure Detection with Local Binary Pattern and CNN Classifier	Ramakrishnan S, MCET, Pollachi, TamilNadu Muthanantha Murugavel A S, MCET, Pollachi, TamilNadu Sathiyamurthi P, MCET, Pollachi, TamilNadu Ramprasath J, MCET, Pollachi, TamilNadu
2.	6	Automated Android-Based Book Order System	Roseline Ogundokun, Landmark University, Nigeria, Rufus O.Oladele, University of Ilorin, Nigeria Sanjay Misra, Covenant University, Nigeria, Grace Onyemowo Ejegwa, Landmark University, Nigeria Vivek Jaglan, Graphic Era Hill University, Dehradun, India,
3.	139	Deep Convolutional Neural Network for Computer-Aided Detection of Breast Cancer Using Histopathology Images	Karthiga R, SASTRA Deemed University, Thanjavur. Narashimhan K,SASTRA Deemed University, Thanjavur.
4.	146	Prediction of Solar Radiation Using Artificial Neural Network	Shahriar Rahman, North South University, Bangladesh. Shazzadur Rahman, North South University, Bangladesh. A K M Bahalul Haque, North South University, Bangladesh.
5.	9	A Joint Neuro-Fuzzy Malaria Diagnosis System	Tinuke Omolewa Oladele, University of Ilorin, Ilorin, Nigeria. Roseline Ogundokun, Landmark University, Nigeria. Sanjay Misra, Covenant University,Nigeria. Jide Kehinde Adeniyi, Landmark University Omu Aran, Kwara State, Nigeria Vivek Jaglan, Graphic Era Hill University, Dehradun, India.
6.	10	Mobile App Voting System: A means to achieve a Seamless Election Process in Developing Countries	Abidemi Emmanuel Adeniyi, Landmark University, Omu-Aran, Nigeria Roseline Ogundokun, Landmark University,Nigeria. Sanjay Misra, Covenant University,Nigeria. Pelumi Oyelakin Bamgboye, Omu-Aran, Nigeria. Olufemi Samuel Ojo, Landmark University, Omu-Aran, Nigeria . Vivek Jaglan, Graphic Era Hill University, Dehradun, India.

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S.No.	Submission ID	Paper Title	Author Details
1.	160	Resolving ownership rights of video data using visible and invisible watermarking in DWT-SVD domain	Ponni alias Sathya S MCET, Pollachi, TamilNadu Ramakrishnan S, MCET, Pollachi, TamilNadu. Sumathi T, MCET, Pollachi, TamilNadu. Sasidharan S, MCET, Pollachi, TamilNadu.
2.	2	Robust transmission of medical records using dual watermarking and optimization algorithm	Preetam Amrit, LNJPIT, Chapra, Bihar Ashima Anand, NIT Patna, Bihar Sushil Kumar, LNJPIT, Chapra, Bihar AK Singh, NIT Patna, Bihar
3.	42	Efficient Feature Extraction from Multispectral Images for Face Recognition Applications: A Deep Learning Approach	Sudharsanan R, Karpaga Vinayaga College of Engg. & Tech., Chengalpattu. Gopirajan P.V. Saveetha Engineering College, Chennai Suresh Kumar K., Saveetha Engineering College, Chennai
4.	67	A Product Authentication Scheme for Supply Chain system via Smart Contracts using Blockchain Technology and Facial Recognition	Srivatsa D, Amrita School of Engineering, Coimbatore, Nithin Aakash, Amrita School of Engineering, Coimbatore. Sahisnu S, Amrita School of Engineering, Coimbatore. Priyanka Kumar, Amrita School of Engineering, Coimbatore.
5.	136	An element-wise generalized singular value decomposition (GSVD) based image encryption algorithm	Suresh Babu V, Christ The King Engineering College, Coimbatore. Vijay Kumar V.R, Anna University, Regional Campus, Coimbatore. Gopalakrishnan T., Karpagam College of Engineering, Coimbatore.