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5<sup>th</sup> International Conference

On

"Emerging Technologies in Computer Engineering: Cognitive Computing and Intelligent IoT"



SCHEDULE (Virtual Mode) ICETCE-2022 04<sup>th</sup>-05<sup>th</sup> Feb. 2022

#### DAY-1 (04th February 2022), FRIDAY

Track - 1 (Presentation link: <u>https://meet.google.com/kxf-mara-wgs?hs=224</u>)

Time: 10:30 AM onwards

**Themes: Internet of Things (IoT)** 

Keynote by- Prof. Seeram Ramakrishna, Vice President Research Strategy, Professor, Faculty of Engineering National University of Singapore (NUS) (10:30 – 11:00 am)

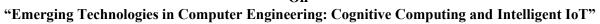
| S. No. | PAPER_ID   | Time<br>(Approx.) | NAME OF PAPER  | NAME OF AUTHORS  |
|--------|------------|-------------------|--|--|
| 1.     | ICETCE-018 | 11:00 AM          | A Study on the Impact and Challenges of Temperature Detection System   | Muhammad Ahmad Baballe, Mukhtar<br>Ibrahim Bello, Auwal Ishaq Balarabe,<br>Usman Yusuf Magashi and Fatihu<br>Muhammad      |
| 2.     | ICETCE-048 | 11:15 AM          | A Theoretical aspect on Fault-Tolerant Data Dissemination in IoT Enabled Systems   | Vishnu Prajapati and Dr. T.P. Sharma   |
| 3.     | ICETCE-060 | 11:30 AM          | Comparative Analysis of Environmental Internet Of Things (Iot) And Its Techniques To<br>Improve Profit Margin In A Small Business  | Khongdet Phasinam, Mohammed<br>Usman, Sumona Bhattacharya,<br>Thanwamas Kassanuk, Korakod<br>Tongkachok                    |
| 4.     | ICETCE-061 | 11:45 AM          | Emerging role of Artificial intelligence and Internet of Things on healthcare Management in COVID-19 pandemic situation  | G.S. Raghavendra, Shanthi Mahesh,<br>M.V. P. Chandra Sekhara Rao   |
| 5.     | ICETCE-064 | 12:00 NOON        | Implementation of Energy Efficient Artificial Intelligence based Health Monitoring and<br>Emergency Prediction system using Internet of Things (IoT): Mediating Effect of<br>Entrepreneurial Orientation | Mintu Debnath, Joel Alanya-Beltran,<br>Sudakshina Chakrabarti, Vinay Kumar<br>Yadav, Shanjida Chowdhury, Sushma<br>Jaiswal |

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**SCHEDULE (Virtual Mode) ICETCE-2022** 04<sup>th</sup>-05<sup>th</sup> Feb. 2022

| 6.  | ICETCE-089 | 12:15 PM | Critical analysis of Intelligent Internet of Things (IoT) in creating better Smart Waste<br>Management and Recycling for Sustainable Development                         | Joel Alanya-Beltran, Abu Md. Mehdi<br>Hassan, Akash Bag, Mintu Debnath<br>Ashim Bora                        |
|-----|------------|----------|--|---|
| 7.  | ICETCE-098 | 12:30 PM | Security and Privacy in Internet of Things   | Md Alimul Haque, Shameemul Haque<br>Kailash Kumar, Moidur Rahman<br>Deepa Sonal, Nourah Almrezeq            |
| 8.  | ICETCE-200 | 12:45 PM | An Investigative Analysis in Applying Internet of Things (IoT) based Supply Chain<br>Coordination and Control through Machine Learning using Mediation Analysis Approach | K. Veerasamy, Shouvik Sanyal,<br>Mohammad Salameh Almahirah,<br>Monika Saxena, Mahesh Manohar<br>Bhanushali |
| 9.  | ICETCE-214 | 1:00 PM  | The Empirical Analysis of Deep Learning in Creating better City through Intelligent Smart<br>Waste Management: Using Regression Analysis                                 | Abinash Rath, Ayan Das Gupta, Vinita<br>Rohilla, Archana Balyan, Suman Mann                                 |
| 10. | ICETCE-218 | 1:15 PM  | A study in understanding the critical role Artificial Intelligence empowered Internet of Things<br>(IoT) for creating Smart city using Regression Analysis               | Abinash Rath, E.Kannapiran,<br>Mohammad Salameh Almahirah,<br>Ashim Bora, Shanjida Chowdhury                |
| 11. | ICETCE-195 | 1:30 PM  | Scrutinization of Urdu handwritten text recognition with Machine Learning approach   | Dhuha Rashid and Dr. Naveen Gondhi  |

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#### DAY-1 (04th February 2022), FRIDAY

Track - 2 (Presentation link: <u>https://meet.google.com/hjw-tcrc-ofg</u>)

Time: 10:30 AM onwards

**Themes: Machine Learning and Applications** 

Keynote by- Dr. Sumit Srivastava, Professor, Manipal University Jaipur & Senior Member, IEEE Delhi Section. (10:30 – 11:00 am)

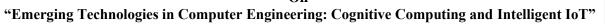
| S. No. | PAPER_ID   | Time<br>(Approx.) | NAME OF PAPER  | NAME OF AUTHORS   |
|--------|------------|-------------------|--|---|
| 1.     | ICETCE-011 | 11:00 AM          | Identification of Dysgraphia: A Comparative Review   | Dolly Mittal, Veena Yadav and Anjana<br>Sangwan   |
| 2.     | ICETCE-027 | 11:15 AM          | Detection of Network Intrusion Using Machine Learning Technique  | Joshila Grace L.K, Asha P, Mercy Paul<br>Selvan, Sujihelen L and Christy A                          |
| 3.     | ICETCE-037 | 11:30 AM          | Assessment of Network Intrusion Detection System based on Shallow and Deep learning approaches   | Gaurav Meena, Babita Dhanwal, Krishna<br>Kumar Mohbey   |
| 4.     | ICETCE-038 | 11:45 AM          | Identification and Classification of Brain Tumor using Convolutional Neural Network with<br>Autoencoder Feature Selection                          | Hema M S, Sowjanya Y, Niteesha Sharma   |
| 5.     | ICETCE-044 | 12:00 NOON        | A Machine Learning Approach for Multiclass Sentiment Analysis of Twitter Data: A Review  | Bhagyashree Chougule, Ajit Patil  |
| 6.     | ICETCE-054 | 12:30 PM          | Fruit Classification using Deep Convolutional Neural Network and Transfer Learning   | Rachna Verma and Arvind Kumar Verma   |
| 7.     | ICETCE-062 | 12:45 PM          | Performance Analysis of machine learning algorithms in Intrusion Detection and Classification  | Dr. Dilip R, Dr. N Samanvita, Pramodhini<br>R, Mrs. Vidhya S G, Mrs. Bhagirathi S<br>Telkar         |
| 8.     | ICETCE-072 | 1:00 PM           | Using Artificial Intelligence and Deep Learning Methods to Analysis the marketing analytics<br>and its Impact on Human Resource Management Systems | Vinima Gambhir, Edwin Asnate-Salazar,<br>M.Prithi, Joseph Alvarado-Tolentino,<br>Korakod Tongkachok |

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| 9.  | ICETCE-073 | 1:15 PM | Machine Learning based Rumour Detection on Twitter data   | Manita Maan, Mayank Kumar Jain, Rekha<br>Sharma                                 |
|-----|------------|---------|---|---|
| 10. | ICETCE-079 | 1:30 PM | A Case Study on Machine Learning Techniques for Plant Disease Identification                        | Palika Jajoo, Mayank Kumar Jain, Sarla<br>Jangir                                |
| 11. | ICETCE-084 | 1:45 PM | Review on Analysis of Classifiers for Fake news Detection   | Mayank Kumar Jain, Ritika Garg, Dinesh<br>Gopalani, Yogesh Kumar                |
| 12. | ICETCE-100 | 2:00 PM | Personally Identifiable Information (PII) Detection and Obfuscation using YOLOv3 Object<br>Detector | Saurabh Soni, Kamal Kant Hiran  |
| 13. | ICETCE-145 | 2:15 PM | Deep Learning Application of Image Recognition based on Self-driving vehicl                         | Dr. Stuti Bhujade, Dr. T Kamaleshwar, Dr.<br>Sushma Jaiswal, Dr.D.Vijendra Babu |

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#### DAY-1 (04th February 2022), FRIDAY

Track – 3 (Presentation link: <u>https://meet.google.com/kwm-evrc-yfs</u>) Time: 10:30 AM onwards

**Themes: Soft Computing** 

Keynote by- Dr. Tarun Kumar Sharma, Professor and Dean, Shobhit University, Gangoh, India. (10:30 – 11:00 am)

| S. No. |            | Time       | NAME OF PAPER  | NAME OF AUTHORS  |
|--------|------------|------------|--|--|
|        | PAPER_ID   | (Approx.)  |  |  |
| 1.     | ICETCE-035 | 11:00 AM   | Employing An Improved Loss Sensitivity Factor Approach for Optimal DG allocation At Different Penetration Level using ETAP | Dr. Sarfaraz Nawaz, Gunjan Sharma  |
| 2.     | ICETCE-070 | 11:15 AM   | Classification of homogenous and non-homogenous single image dehazing techniques   | Pushpa Kornaga, Sumitra Singer, Sandeep<br>Gupta                           |
| 3.     | ICETCE-110 | 11:45 AM   | Query-Based Image Retrieval using SVM  | Neha Janu  |
| 4.     | ICETCE-111 | 12:00 NOON | Popularity Bias in Recommender Systems - A Review  | Abdul Basit Ahanger, Syed Wajid Aalam,<br>Muzafar Rasool Bhat, Assif Assad |
| 5.     | ICETCE-112 | 12:15 PM   | Evaluation of Fairness in Recommender Systems: A Review  | Syed Wajid Aalam, Abdul Basit Ahanger,<br>Muzafar Rasool Bhat, Assif Assad |
| 6.     | ICETCE-113 | 12:30 PM   | Analysis of Text Classification Using Machine Learning and Deep Learning   | Chitra Desai   |
| 7.     | ICETCE-115 | 12:45 PM   | Association Rule Chains (ARC): A novel data mining technique for profiling and analysis of terrorist attacks               | Saurabh Ranjan Srivastava, Yogesh<br>Meena, Girdhari Singh                 |
| 8.     | ICETCE-116 | 1:00 PM    | Comparative Study to Analyse the Effect of Speaker's Voice On the Compressive Sensing based Speech Compression             | Narendra Kumar Swami, Avinash Sharma                                       |
| 9.     | ICETCE-119 | 1:15 PM    | Analysis of Crime Rate Prediction using Machine Learning and performance analysis using Accuracy Metrics                   | Meenakshi Nawal, Kusumlata Jain, Sunita<br>Gupta                           |
| 10.    | ICETCE-128 | 1:45 PM    | Analysing the nutritional facts in Mc. Donald's menu items using exploratory data analysis in R                            | Vignesh K, Nagraj P  |
| 11.    | ICETCE-162 | 2:00 PM    | Empirical Review On Just In Time Defect Prediction   | Kavya Goel, Sonam Giupta, Lipika Bose                                      |
| 12.    | ICETCE-205 | 2:15 PM    | Efficacy of Online Event Detection with Contextual and Structural Biases   | Manisha Samanta, Yogesh Meena and Arka Mazumdar                            |

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DAY-2 (05<sup>th</sup> February 2022), SATURDAY

Track - 4 (Presentation link: https://meet.google.com/pes-gkhg-esu)

Time: 9:00 AM onwards

**Themes: Cognitive Computing** 

Keynote by- Prof. (Dr.) Arun K. Somani, Associate Dean for Research, College of Engineering, Iowa State University, Ames, USA. (09:00 – 9:30 am)

| S. No. | PAPER_ID   | Time<br>(Approx.) | NAME OF PAPER  | NAME OF AUTHORS  |
|--------|------------|-------------------|--|--|
| 1.     | ICETCE-071 | 9:30 AM           | An Empirical investigation in analyzing the Proactive approach of Artificial Intelligence in regulating<br>the financial sector for effective management | Roopa Balavenu, Ahamd Khalid<br>Khan, Syed Mohammad Faisal,<br>Sriprasadh., Dharini Raje Sisodia |
| 2.     | ICETCE-149 | 9:45 AM           | An Efficient Classifier Model for Opinion Mining to Analyze Drugs Satisfaction among Patients  | Manish Suyal, Parul Goyal  |
| 3.     | ICETCE-163 | 10:00 AM          | Using a technique based on Moment of inertia about an axis for the recognition of handwritten digit in Devanagri Script                                  | Diwakar Sharma, Manu Sood  |
| 4.     | ICETCE-164 | 10:15 AM          | Vector Learning: Digit Recognition by learning the abstract Idea of curves   | Divyanshu Sharma, A J Singh,<br>Diwakar Sharma   |
| 5.     | ICETCE-165 | 10:30 AM          | Detection of Liver Disease using Machine Learning Techniques: A Systematic Survey  | Geetika Singh, Charu Agarwal,<br>Sonam Gupta   |
| 6.     | ICETCE-168 | 10:45 AM          | A Two-Phase Classifier Model for Predicting the Drug Satisfaction of the Patients based on their Sentiments  | Manish Suyal, Parul Goyal  |
| 7.     | ICETCE-178 | 11:00 AM          | Sentiment Analysis on Public Transportation using Different Tools and Techniques: A Literature Review  | Shilpa Singh, Astha Pareek   |

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DAY-2 (05th February 2022), SATURDAY

Track – 5 (Presentation link: <u>https://meet.google.com/yov-xanf-yfm</u>) Time: 9:00 AM onwards

Themes: Data Science & Big Data Analytics

Keynote by- Dr. G. R. Sinha, Professor, Myanmar Institute of Information Technology (MIIT) Mandalay, Myanmar. (09:00 – 9:30 am)

| S. No. | PAPER_ID   | Time<br>(Approx.) | NAME OF PAPER   | NAME OF AUTHORS  |
|--------|------------|-------------------|---|--|
| 1.     | ICETCE-033 | 9:30 AM           | A method for data compression and personal information suppressing in columnar databases  | Gaurav Meena, Mehul Mahrishi,<br>Raviraj Choudhary   |
| 2.     | ICETCE-083 | 9:45 AM           | Detection of web user clusters through KPCA dimensionality reduction in Web Usage Mining  | Serin J, Satheesh Kumar J,<br>Amudha T   |
| 3.     | ICETCE-096 | 10:00 AM          | The Impact and Challenges of Covid-19 Pandemic on E- Learning   | Devanshu Kumar, Khushboo<br>Mishra, Farheen Islam, Md Alimul<br>Haque, Binay Kumar Mishra,<br>Kailash Kumar                        |
| 4.     | ICETCE-123 | 10:15 AM          | Applied Machine Tool Data Condition to predictive smart maintenance by using artificial intelligence  | Dr. Chaitanya Singh,<br>M.S.Srinivasa Rao, Y. M.<br>Mahaboobjohn, Dr. Bonthu<br>Kotaiah, T.Rajasanthosh Kumar                      |
| 5.     | ICETCE-184 | 10:30 AM          | UBDM: Utility-based potential patterns mining over uncertain data using Spark Framework   | Sunil Kumar, Krishna Kumar<br>Mohbey   |
| 6.     | ICETCE-202 | 10:45 AM          | The Emerging Role Of Integrating Machine Learning Approaches In The Software Defined Network<br>For Effective Traffic Prediction Using Correlation Analysis | Bhuvaneswari Balachander,<br>Manivel Kandasamy, Venkata<br>Harshavardhan Reddy Dornadula,<br>Mahesh Nirmal, Joel Alanya-<br>Beltra |

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DAY-2 (05th February 2022), SATURDAY

Track - 6 (Presentation link: <u>https://meet.google.com/sry-trhj-xpa</u>)

Time: 9:00 AM onwards

Themes: Blockchain and Cyber Security

Keynote by- Prof. S C Jain, Professor, Computer Science & Engineering, Rajasthan Technical University, Kota, Rajasthan (09:00 – 9:30 am)

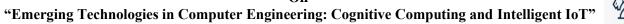
| S. No. | PAPER_ID   | Time<br>(Approx.) | NAME OF PAPER  | NAME OF AUTHORS   |
|--------|------------|-------------------|--|---|
| 1.     | ICETCE-008 | 9:30 AM           | Multi-trait based Biometric Systems: Advantages and Drawbacks  | Swimpy Pahuja and Navdeep<br>Goel   |
| 2.     | ICETCE-023 | 9:45 AM           | Cryptocurrency Portfolio Management Using Reinforcement Learning                                     | Vatsal Khandor, Sanay Shah,<br>Parth Kalkotwar, Saurav Tiwari<br>and Sindhu Nair  |
| 3.     | ICETCE-041 | 10:00 AM          | Study of Combating Technology Induced Fraud Assault (TIFA) and Possible Solutions: The Way Forward   | Manish Dadhich, Kamal Kant<br>Hiran, Shalendra Singh Rao,<br>Renu Sharma, Rajesh Meena                                  |
| 4.     | ICETCE-068 | 10:15 AM          | Penetration Testing Framework for Energy Efficient Clustering Techniques in Wireless Sensor Networks | Sukhwinder Sharma, Puneet<br>Mittal, Raj Kumar Goel,<br>Shreekumar T, Ram Krishan                                       |
| 5.     | ICETCE-106 | 10:30 AM          | Blockchain enable Smart Contract based Telehealth and Medicines Systems                              | Arun kumar Tripathi, Apoorv<br>Jain   |
| 6.     | ICETCE-153 | 10:45 AM          | Blockchain Framework for Agro Financing of Farmers in South India                                    | Namrata Chacko, Narendra V. G<br>Mamatha Balachandra,<br>Shoibolina Kaushik   |
| 7.     | ICETCE-166 | 11:00 AM          | Image Encryption using RABIN and Elliptic Curve Crypto Systems                                       | Arpan Maity, Srijita Guha Roy<br>Sucheta Bhattacharjee, Ritobina<br>Ghosh, Adrita Ray Choudhury<br>Chittaranjan Pradhan |

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| 8. | ICETCE-211 | 11:15 AM | Comparative study of existing docker audit tools for performing vulnerability detection and auditing tasks in Docker | Vipin Jain, Dr. Baldev Singh<br>Dr. Nilam Choudhary      |
|----|------------|----------|--|--|
| 9. | ICETCE-212 | 11:30 AM | Hatchetman Attack: Implementation and Analysis   | Girish Sharma, Rajat Kumar,<br>Jyoti Grover, Rahul Lahre |