


Track 4 Paper Presentation scheduled Session coordinated by Dr.Sujata Joshi and Dr Prasanna Kulkarni and Dr Prasad Kantipudi

|   | Submission ID | Authors   | Title  | Track                             | Date        | Timing              | Room No | Zoom Session link   | Session Chairs  |
|---|---------------|---|--|-----------------------------------|-------------|---------------------|---------|---|---|
| 1 | 12            | Shilpa Parkhi, Kiran Karande and Prashant Barge                           | Innovation and Ethics in Blended Learning  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM | 1       |  | <p>Dr Anupriya Jain</p> <p>Dr Sandeep Prabhu</p> <p>Dr Durgesh Nandan</p> |
| 2 | 89            | Asha Rani Mishra, Amrita Rai, Namita Sharma and Shreya Choudhary          | A deep model for Handwritten Devanagari Character Recognition                    | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |         |   |   |
| 3 | 91            | Vadivambigai S and Dr.Geetharani S  | A Study of Deep Learning Approaches for Event Recommendation Engine .            | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |         |   |   |
| 4 | 93            | Angshuman Roy, Pesala Sri Datta, Aakash Garg, Juhi Singh and Rashmi Gupta | VY: Leafy Crop - Crop Disease Prediction System Using Deep Learning Architecture | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |         |   |   |
| 5 | 96            | Dr. Ambuj Kumar Agarwal, Deepak Chaudhary and Raj Gaurang Tiwari          | Security and Privacy Concerns in the Internet of Things: A Comprehensive Review  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |         |   |   |
| 6 | 103           | Anurag Mishra   | VY:Speech Emotion Recognition  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |         |   |   |

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| 7  | 104 | Aditi Moudgil,<br>Manish<br>Mahajan, Divya<br>Gupta and<br>Shivani<br>Wadhwa | code-AA Digit<br>Recognition and<br>Separation of<br>Overlapped Digits<br>using Deep<br>CapsNet                       | TRACK 4:<br>Technological<br>Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 8  | 105 | Sachin Jain,<br>Srishti<br>Srivastava and<br>Tripti Verma                    | AA Prediction of<br>Loan approval<br>using various<br>Machine Learning<br>algorithms                                  | TRACK 4:<br>Technological<br>Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 9  | 109 | Netra Terdal<br>and Tripti<br>Dhote  | The Millennial<br>Purchase<br>Decision and<br>Instagram<br>influencers: an<br>empirical study                         | TRACK 4:<br>Technological<br>Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 10 | 110 | Deepak<br>Maurya, Sunita<br>Yadav and Jay<br>Kant Pratap<br>Singh Yadav      | VY: Tomato<br>Maturity Detection<br>and Counting on<br>Particular Tree<br>Using Yolov5                                | TRACK 4:<br>Technological<br>Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 11 | 111 | Bhavna<br>Sareen,<br>Rakesh Ahuja,<br>Amitoj Singh<br>and Pranav<br>Kumar    | code AA : A<br>Benchmark<br>Gurmukhi Offline<br>Handwritten<br>Dataset of Tehsil<br>and Sub tehsil<br>names of Punjab | TRACK 4:<br>Technological<br>Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 12 | 121 | Urvashi<br>Sharma,<br>Abhineet<br>Anand and<br>Amit Wason                    | Reconnaissance<br>of classification<br>Approach in Cloud  | TRACK 4:<br>Technological<br>Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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| 13 | 132 | Shivinder Nijjer, Jashandeep Singh, Dinky Fna, Jaskirat Singh and Rajit Verma              | Hybrid Machine Learning Prescriptive Framework for Dispositional Traits Based Retention Management of IT engineers: ANN & Decision Tree Approach | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 14 | 141 | Swati Dhoundiyal, Simran Mohakud, Akshat Arora, Kartik Patadia, Dharm Raj and Danish Ather | Text-To-Speech for Hinglish  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 15 | 143 | Brindha S, Myvizhi Selvi V, Lakshmi G, Rashmi A, Lakshmi Narayanan M and Sidharthan K      | CODEDJ-Arduino Based Universal Remote Controller for Infrared Appliances   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 16 | 145 | Shruti Shruti and Shalli Rani  | Confluence of IoT and Data Science for Smart Application   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 17 | 147 | S Dhanush, S C Mohanraj, Shruthi V Seethalakshmi, S Cloudin and John Joseph Ferdin Joe     | CODEDJ-Private Permissioned Blockchain Based Digital Wallet with Enhanced Security   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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Dr. Rahul Deo Sah  
Dr Mangal Singh  
Prof Samaya Pillai

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| 18 | 152 | Rishabh Jain and Aruna Bhat  | Survey on Spatiotemporal Hotspots Detection Methods for Road Accidents: A Machine Learning and Deep Learning Perspective | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 19 | 158 | Ali M. Ahmed, Jaafar Aldhaibani, Lujain Yousif and Mohammed Mohammed | Design and Implementation of Wearable Textile Patch Antenna for Biomedical Applications                                  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 20 | 173 | Srimanta Pandit, Madhavi Damle and Ahmed J. Obaid                    | Health Id Cards for Citizens of India: Proposed Solution Using Robotic Process Automation                                | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 21 | 175 | Varun Jindal, Anuj Kumar Jain, Vinay Kukreja and Raj Gaurang Tiwari  | Code: AA Hybrid Classification Model using CNN and SVM for Seven Wonders of the World                                    | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 22 | 184 | Arjun Singh Kataria, Ashish Kumar and Deepak Kumar Mishra            | Security Measures and Enabling technologies in Internet of Things  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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| 23 | 187 | Arya Malik, Aryaman Kumar and Deepak Kumar Mishra                                     | A Survey on Blockchain Technology and its Security issues                              | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 24 | 197 | Bhavik Singla, Anuj Kumar Jain, Raj Gaurang Tiwari and Vinay Kukreja                  | Code: AA Classification Model Using CNN and LSTM for Cow Pregnancy                     | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 25 | 203 | Vishal Vaseekaran K, Kishore P, Sreevarshan S, Saranya S, Sudha G and Sankari Subbiah | CODEDJ- IDENTIFICATION OF CURRENCY NOTE FOR BLIND PEOPLE                               | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 26 | 217 | Sarthak Walia, Jatin Mor, Shalvi Singh, Dharm Raj and Danish Ather                    | Multiple Object Detection and Recognition System                                       | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 27 | 225 | Kajol Rana, Ajay Vikram Singh and P Vijaya  | Recent Trust Management Models for Secure IoT Ecosystem                                | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 28 | 226 | Jahnvi Ram, Ravi Shankar Jha, Yati Chauhan and Manvi Bhati                            | APPRIFY- A Mobile Application A Management of Medicine and daily need and their expiry | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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| 29 | 233 | Depender Kumar Soni, Neetisha Shukla, Tridib Basak and Deepika Rawat | Synthesizing Realistic Images from Facial Sketches                                      | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 30 | 234 | Prince Mann, Shreyas Vijay, Renu Chaudhary and Jatin Bhardwaj        | SMART SERVICES FOR COMPUTER UTILITIES   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 31 | 280 | Aishwarya Deshmukh, Jaytrilok Choudhary and Dhirendra Pratap Singh   | Disentangled Multi Kernel Deep Time Series Imputation                                   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 32 | 300 | Mir Salim Ul Islam and Ashok Kumar                                   | QoS-aware Deployment of Emotion Recognition System through Fog Computing Infrastructure | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 33 | 309 | Jeyapiriya K, Gayathri S, Abitha A, Priyadharshni C and Sushmitha V  | Student Mental Health Monitoring using EEG  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 34 | 313 | Dr.Kokilavani T, Arulkumar R and Muthu Manikandan K                  | CODEDJ: FACE MASK DETECTION AND AUTOMATIC DOOR OPENER USING IMAGE PROCESSING AND IOT    | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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Dr Harikrishnan.R  
Dr Pankaj Pathak  
Dr Seema Sharma

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| 35 | 325 | Sivalakshmi P and Maaneesha S                                  | AI BASED ANALYSIS OF SKIN CANCER IMAGES USING THE ORANGE TOOL                                      | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 36 | 13  | Prudhvi Raj Belide, Ramakrishna Vaddepally and Pooja Kamshetty | NETWORK DESIGN FOR EMERGING TECHNOLOGY OF IOT FOR SMART CITY USING CISCO PACKET TRACER             | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 37 | 71  | Ramesh Mishra, Prof. Ganga Ram Mishra and Shambhavi Shukla     | Minimum Component VD-DVCC Based Current Mode SIMO Filter for Analog Signal Processing Applications | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 38 | 88  | Amrita Rai, Asha Rani Mishra, Krishanu Kundu and Anaam Singh   | Systems & Methods for Generation Of Electrical Power From A Sludge                                 | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 39 | 92  | Anjali, Tushar Maheshwari, Sudeept Yadav and J.N. Singh        | VY: Stock Market Prediction Using LSTM   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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| 40 | 101 | Vipin Kumar Sharma and Abhishek Kumar   | High-Performance Dynamic Feedback Control based Static RAM using CNTFET Technology | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 41 | 102 | Anurag Mishra   | VY:Automated Trading Journal   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 42 | 106 | Sandeep Kumar, Vivek Gupta, Anil Kumar Dubey and Mukesh Kumar Ojha                                | A Highly Efficient Ternary Adder and Carbon Nanotube FET in VLSI- A Review         | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 43 | 115 | Siddamshetti Sathwik, Katukam Rohan, Polsani Venkat, Abhishek Choubey and Shruti Bhargava Choubey | Dynamic Road Wireless Power Transfer for Electric Vehicles                         | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 44 | 117 | Sumer Sheikh, Vikas Sharma, Priyesh Choudhary and Uma Yadav                                       | Automatic Number Plate Detection System  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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Dr Natraj  
Dr Ujwala Kshirsagar  
Dr.Gayatri Mirajkar



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| 45 | 125 | Vineeth Yelagandula, Saikishna P, Bhuvan Pratap Agarwal, Vishnu Vardhan Julakanti, Ajitha D and Joydeb Chattopadhyay  | A Review on Latest Trends in Development of Remotely Operated Marine Robots.   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 46 | 130 | Kazi Md. Tarikul Imam, Mohammad Saydul Alam, Md. Nasim Uddin, Didar Hossen, Farhadur Arifin and Nirjhor Tahmidur Rouf | Designing of A Compact and Low Powered VLSI Multiplier in 45nm Technology for Digital Signal Processing Applications | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 47 | 136 | Abhishek Kumar Chaudhary, Akshay Raj and Jerald Nirmal Kumar S  | VY: An approach to extract Text from Image using pytesseract in Python   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 48 | 138 | Aishwarya S, Minnu Varughese, Logith Kumar B, Tina Susan Thomas and Vignesh S   | VIRTUALLY REUNITED: ONLINE UNIVERSITY  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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| 49 | 178 | Abhigyan Adarsh, Gurharpartap Dhaliwal, Harsh Agarwal and Deepak Mishra                          | Internet of Things and Its Application in Hostel Utility and Management                 | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 50 | 185 | Arpan Ekka, Arpit Sharma and Deepak Kumar Mishra   | Integration of Blockchain and IoT Entities – Challenges and Credibility Verification    | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 51 | 188 | Dr.Prakash Kumar Sarangi, Kewal Krishan Gour, Dr.Srikanta Kumar Mohapatra and Dr.Premananda Sahu | Computing Stock Market Price Behaviour Using Machine Learning Approach                  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 52 | 189 | Aman Surender Jandwani, Balraj Verma, Amit Mittal and Manjinder Singh                            | Indian IT/ITes Outsourcing: A Framework for Selecting Offshore Destinations             | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 53 | 199 | Abhishek Bhattacharjee and Vinay Kukreja   | Code AA Computer Science Students Employability Prediction: A Machine Learning Approach | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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| 54 | 209 | Nimitha N, Chandana Sagi, Divya G, Harini K and Hemalatha K | TRIHYBRID POWER GENERATING PAVEMENT TILE FOR ENVIRONMENTALLY SUSTAINABLE SMART CITIES  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 55 | 216 | Om Tripathi, Muskan Verma, Anshuka Verma and Abhineet Anand | Application of Blockchain : A review and Analysis                                      | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 56 | 220 | Dev Aryan Dogra, Dhananjay Lakra and Deepak Kumar Mishra    | Blockchains in Digital Integrity Verification: Applications, Challenges and Solutions. | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 57 | 222 | Rohit Kushwaha, Nikhil Kumar Singh and Madhvi Gaur          | RASA Bot   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 58 | 231 | Savithri C N, Akshaya A, Pradeepa K and Yuvashree K         | CODEDJ - Pothole Detection using YOLOv4 Model  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 59 | 232 | Rithinrajen S, Loganathan N and Santhos Kanna S             | CODEDJ - IOT Based Energy Meter Monitoring System                                      | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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Dr. Jayant Jagtap  
Prof Avinash Aslekar Dr.  
Vikash Yadav

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| 60 | 236 | Prince Gupta, Kartike Malhotra and Rashmi Tiwari                                      | Bank Telemarketing Analysis Using Bayesian And Non-Bayesian Neural Network   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 61 | 239 | Sanchi Bansal and Mayank Parashar   | Compression and Decompression of Text File Using Huffman Algorithm in C++  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 62 | 242 | Bhavatharini T, Louis Fernandes D, Logesh Krishna K, Meenakshi Sundaram A and Niruj S | CODEDJ - Automatic Power factor Compensation System for Industrial Power Stabilization with IoT monitoring and Control | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 63 | 247 | Manjot Singh  | Energy Efficient Single-Ended 6-T SRAM for Multimedia Applications   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 64 | 251 | Shalu Chauhan, Rahul Choudhary, Komal Ghosh and Parul Gandhi                          | Comparative Analysis Of Web Frameworks (Angularjs And Reactjs)   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 65 | 254 | Rohan Sharma, Shivam Riyar, Vibhor Gupta and Sonia Setia                              | EVOLUTION OF VULNERABILITIE S IN THE WEB   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |



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| 66 | 255 | Dhruv Singh Rajput, Avikalp Goel, Ms. Abha Kiran Rajpoot and Sumit Ranga | IPC Crime Prediction Model and Comparative Analysis of Machine Learning Models | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 67 | 256 | Priyanshu Joshi, Samviti Bhardwaj, Abhishek Patel and Priyanka Singh     | Encryption: A Way of Securing Data   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 68 | 258 | Nishant Kumar, Yuvraj Singh and Amrita Rai                               | Design and Development of ALU using Multi Chiplet Design Methodology           | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 69 | 267 | Lakshmi Joshitha K, Sharmila Shree A, Nandhini S and Siva Dharshini P    | CODED-J-AUTONOMOUS GUIDED VEHICLE FOR INDUSTRIAL AUTOMATION                    | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 70 | 268 | Danish Ather, Rani Astya, Dharm Raj, Aftab Khan and Abhishek Kumar Shah  | E-commerce: The Game-Changer For Traditional Market                            | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 71 | 269 | Mahalakshmi G, Sreedhar P, Suchit B, Swaminathan C and Yuvaraj Nal N     | CODED-J-IOT BASED SPEED CONTROL AND MONITORING OF INDUCTION MOTOR              | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |

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| 72 | 271 | Hitesh Rohilla and Dr. Anuj Sehgal   | Design and Analysis of friction drilling tools by using solid works and Ansys | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 73 | 272 | Muskan Maheshwari  | VY: GST-dApp  | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 74 | 274 | Kowsalya N, Bhavatharini T, Mughilarasi R A, Ragavi R and Ramya R                          | CODEDJ - Speed Control of DC Motor using Fuzzy Logic Controller               | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 75 | 275 | Dawen Padha, Dikshat Singh and Deepak Mishra   | Evolution of Blockchain Technology & its Vulnerabilities                      | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |
| 76 | 141 | Swati Dhoundiyal, Simran Mohakud, Akshat Arora, Kartik Patadia, Dharm Raj and Danish Ather | Text-To-Speech for Hinglish   | TRACK 4: Technological Innovation | 22-06-2022' | 02:00 PM to 5:00 PM |