



# SPICON 2022

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**Sardar Patel International Conference**

on

**“Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative”**

## Track: Computer Science & Engineering

### Session Schedule

- Session Number: **S20/5 – CSE1**
- Date: 22/12/2022
- Time: **2.00 to 3.00 pm**
- Type of Session: **Online**
- Track: **Computer Science & Engineering**
- Venue / Link: Room No.: 008 SPIT / <https://meet.google.com/cet-jorg-kof>

Sr. No.	Paper ID	Authors	Title
1	739	Parth Sheth, Shital Sobale, Kaustubh Paralkar, Dhananjay Pawal, Ram Mandhana and Atharva Pathak	Human Following Robot
2	971	Rashmi Jolhe and Dr. Sudhirkumar Savarkar	Classification of Brain Tumor using Transfer Learning: A Review
3	1141	Krishiv Dakwala and Shweta Dharmadhikari	Selective Tiling for Enhancing Multiclass Small Object Detection on High-Resolution Remote Sensing Images
4	1951	Dr. Priya Chandran, Dr. Suhasini Vijaykumar, Shravani Pawar, and Sudeshna Roy	Face Recognition using LBPH, Haar Cascade Classifier and Back Propagation Neural Network
5	2521	Sulbha Yadav and Sudhir Dhage	Emergence of Capsule Network for Automatic Medical Disease Classification



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## Session Schedule

- Session Number: **S21/5 – CSE2**
- Date: 22/12/2022
- Time: **2.00 to 3.00 pm**
- Type of Session: **Offline**
- Track: **Computer Science & Engineering**
- Venue / Link: Room No. 105 SPIT

Sr. No.	Paper ID	Authors	Title
1	1462	Mihir Panchal, Prinkal Doshi and Neeta Kadukar	Implementation of hybrid programming approach using python for cross platforms mobile and web application in cloud environment
2	2370	Jazib Dawre, Ishita Kheria, Jay Jani, Jay Doshi and Ramchandra Mangrulkar	Smart Walking Stick: A Comprehensive Approach Towards IoT Enabled Stick for Visually Impaired
3	5221	Aditi Singh Bisht, Delzeen Machhi, Muskaan Mahajan and Kavita Bathe	An Empirical Review on Applications for Women Safety
4	5671	Yudhir Gala, Nisha Vanjari, Shubhada Labde	Stacked Ensemble Model for Apple Leaf Disease Detection
5	7295	Neeraj Nerkar, Parmesh Walunj, Rishi Tank, Rugved Pandit and Dr. Sujata Kolhe	Real-time License Plate Identification of Moving Vehicles using Deep Learning



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### Session Schedule

- Session Number: **S22/5 – CSE3**
- Date: 22/12/2022
- Time: **3.00 to 4.00 pm**
- Type of Session: **Online**
- Track: **Computer Science & Engineering (1)**
- Venue / Link: Room No.: 105 SPIT / <https://meet.google.com/cet-jorg-kof>

Sr. No.	Paper ID	Authors	Title
1	3169	Mannat Daultani, Jahnvi Mulchandani, Shruti Koku, Aryan Gupta and Ruchika Dusija	Amigo: My Virtual Friend - Digital Diary Using Sentiment Analysis
2	3316	Rishabh Bhargava, Shubh Nisar, Tanay Naik, Ravikumar Pandey and Pranit Bari	Action Recognition on American Sign Language using Deep Learning
3	4283	Vaishali Suryawanshi and Tanuja Sarode	Geometrically Transformed Latent Space Reconstructed Coefficients for Image Data Augmentation
4	4335	Rishi Kaul, Khushi Jashnani, Priyav Mehta and Sudhir Dhage	Health-Bot: A Conversational and Personalized Chatbot Leveraging NLP
5	4479	Kuldeep Vayadande, Vishwam Talnikar, Shubham Mulay, Dnyaneshwari Navale, Akhilesh Nawale and Vishal Sonkusale	A Review Paper on Efficient Memory Allocator with Virtual Memory Paging Demonstrator



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### Session Schedule

➤ Session Number: **S25/4 – CSE4**

➤ Date: 22/12/2022

➤ Time: **3.00 to 4.00 pm**

➤ Type of Session: **Online**

➤ Track: **Computer Science & Engineering (2)**

➤ Venue / Link: Room No.: 008 SPIT / <https://meet.google.com/ijf-tmai-jgz>

Sr. No.	Paper ID	Authors	Title
1	2640	Sonali Lohbare and Swati Dixit	Design of A Side-Chain-Based High-Security Model for Energy-Aware ECG Classification Deployments
2	3518	Surabhi Kakade, Pritam Shinde, Pratiksha Shinde, Shobit Shinde, Sanket Shinde and Suyash Shinde	GC-PC [Gesture Sensing and Control System for PCs]
3	5785	S. Sharanyaa, S. V. Abinaya Devi, S. Abinaya, J. Kiruthika Sakthi, S. Niranjani	Real Time Video to Text Conversion of Sign Language
4	6161	Arvind Mahajan, Sunil Kumar, Rahul Chavhan, Sachin Kale, Mandar Sonawane and Rajendra Londhe	Does the Smart Tour Guide App Match Visitor Expectations as A Tour Guide: An Analysis of Pinakin App User Reviews



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### Session Schedule

- Session Number: **S23/5 – CSE5**
- Date: 22/12/2022
- Time: **4.15 to 5.15 pm**
- Type of Session: **Online**
- Track: **Computer Science & Engineering**
- Venue / Link: Room No.: 105 SPIT / <https://meet.google.com/cet-jorg-kof>

Sr. No.	Paper ID	Authors	Title
1	4623	Shaun Almeida, Hirtika Mirghani and Maniroja Edinburgh	Convolutional Neural Network Architectures for Fatty Liver Disease Detection
2	4720	Prasad Mutkule, Megha Kurhe and Kalpana Singh	Face Mask Detection For COVID-19 Precautionary Measures Using SVM Approach
3	4807	Siddarth Mohan, Vandana Jagtap, Monalisa Bhinge and Heet Maulik Shah	Comparative Analysis of CNN models for Deep Dream Generation
4	6218	Jyoti Madake, Aryan Waghresha, Kshitij Wayal, Shripad Bhatlawande and Swati Shilaskar	Vision-Based Garbage Spill Detection for Smart City Sustainance
5	6503	Om Prakash and Jatinderkumar Saini	A Novel Manned Drone Design with a Legal Perspective



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### Session Schedule

- Session Number: **S24/5 – CSE6**
- Date: 22/12/2022
- Time: **5.15 to 6.15 pm**
- Type of Session: **Online**
- Track: **Computer Science & Engineering**
- Venue / Link: Room No.: 105 SPIT / <https://meet.google.com/cet-jorg-kof>

Sr. No.	Paper ID	Authors	Title
1	6645	Aparna Bhonde and Satish Devane	Analysis of Security Aware Virtual Machine Placement Techniques
2	6782	Surabhi Kakade, Shon Daberao, Jidnyasa Dadmal, Mayur Dabade, Bhumika Chule and Sunny Chourasiya	Zebra Crossing Smart Device for Pedestrians Safety
3	6900	Jyoti Madake, Tanmayee Tajne, Prachiti Talgulkar, Shripad Bhatlawande and Swati Shilaskar	Vision-based Recognition of Slow signal and Stop signal for autonomous driving
4	7143	Yogita Shewale, Dr. Shailesh Kumar and Dr. Banait Satish	IoT-based Cyber Security Attack detection technique for Smart City.
5	7608	Sumedh Vichare, Varun Mehta, Ramchandra Mangrulkar, Raveena Tripathi and Sunil Kumhar	Intelligent Application of Voice Recognition and Personal Secretariat for Effective Business Management



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### Session Schedule

- Session Number: **S28/5 – CSE7**
- Date: 23/12/2022
- Time: **11.00 to 12.00 pm**
- Type of Session: **Online**
- Track: **Computer Science & Engineering (1)**
- Venue / Link: Room No.: 105 SPIT / <https://meet.google.com/cet-jorg-kof>

Sr. No.	Paper ID	Authors	Title
1	7882	Harsh Sandesara, Karan Shah, Darshak Bali, Abhijeet Salunke and Anand Godbole	The Happy Path: Application for Mental Wellbeing
2	7924	Guru Akaash Janthapur, Varun Tripathy, Priya R. L, Ajay Nair and Manigandan Kasimani	Statistical Analysis for Land Use Plastic Waste in India using AI
3	8056	Kuldeep Vayadande, Vaishnavi Narkhede, Harsh Solanki, Om Sureshe, Sushrut Kulkarni and Tejas Ekbote	Software Runtimes for Disaggregated Memory: A Review Paper
4	8216	Jyothi N M, Husna Tabassum, Rajani Thota, Saurabh Gupta, A Pavani and S Madhusudhanan	Mental Health Model to Assess Psychiatric Fitness in Women by Speech Analysis using Machine Learning
5	8731	Vinayak Deshpande, Suyog Mahangade, Mayuri Sathe, Utkarsha Gawade and Ranjana Badre	Comparison Of Different Approaches for Automized Medical Chatbot



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### Session Schedule

- Session Number: **S29/5 – CSE8**
- Date: 23/12/2022
- Time: **12.00 to 1.00 pm**
- Type of Session: **Online**
- Track: **Computer Science & Engineering (1)**
- Venue / Link: Room No.: 105 SPIT / <https://meet.google.com/cet-jorg-kof>

Sr. No.	Paper ID	Authors	Title
1	8966	Nihar Ranjan, Akanksha Wagh and Shraddha Jainak	A Brief Survey on Video Summarization Techniques
2	9566	Satish V. Bhalshankar and Dr. Ratnadeep R. Deshmukh	Study of Deep Learning Techniques for Development of Chatbot Models
3	9792	Jyoti Madake, Om Wagatkar, Yashovardhan Chaturvedi, Shripad Bhatlawande, Swati Shilaskar and Kundan Vernekar	Vision-Based Detection of Car Turn Signals (Left\Right)
4	9893	Puja Chavan, Mrunal Shinde, Atharva Shinde, Nikhil Shinde, Jignesh Shinde and Neha Shinde	Horse Race Prediction
5	9932	Isha Dhumal and Varsha Naik	Body Height Estimation from 2D uncalibrated Images: An Anthropometric solution





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## Session Schedule

- Session Number: **S30/5 – CSE9**
- Date: 23/12/2022
- Time :**12.00 to 1.00 pm**
- Type of Session: **Online**
- Track: **Computer Science & Engineering (2)**
- Venue / Link: Room No.: 008 SPIT / <https://meet.google.com/ijf-tmai-igz>

Sr. No.	Paper ID	Authors	Title
1	9960	Sheetal Sobale, Krisha Patel, Aayushi Patel, Srushti Nikam, Sudhanshu Pathrabe and Shreyash Patil	OTP Based Door Lock System with Mobile Application using Arduino UNO and ESP8266 Wi-Fi module
2	9986	Krishiv Dakwala, Vishwajit Shelke, Pranav Bhagwat and Anant Bagade	Evaluating performances of various CNN architectures for multi-class classification of rotten fruits
3	8338	Dr. Amit Sinha, Shelley Gupta, Meenakshi Vishnoi	Fire Detection System Using Machine Learning Algorithms
4	8815	Nukala Akshith, Singam Krishna Adithya, Madhurapantula Abhiram, Manchala Vikas, Dintakurthi Achuth, Gogula Narasimha Murthy	Action Recognition with Neural Networks