

International Virtual Conference on Industry 4.0

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Meeting ID: 990 0978 8372

Password: 919237

Session 1 Track 1 : Cyber Physical Systems - Health Care

Date : 06.07.2020 Time : 03.00 pm to 06.00 pm IST

S.No.	Paper ID	Title of the Papers	Author(s)
1	1	Pre-diagnosis Prediction and Report Generation of a disease	O. Pandithurai , K. Dhinakaran , Ms. M. Nivetha , Ms. M. Nithya Sree , Ms. S. Priyadharshini
2	10	Improving prediction accuracy using Machine Learning Classification Techniques for Alzheimer's Disease in Healthcare Service	Dr. Shakkeera L, Sowmiya K
3	11	A survey on Evolutionary Computing based Feature Selection for Cardiovascular Disease	J Jasmine Gabriel and L Jani Anbarasi
4	18	Breast Cancer Detection using Convolutional Neural Network	Soumya Sara Koshy and Jani Anbarasi
5	41	Analysis of Connectivity Model to study the neurophysiological process for Autism detection	Naimish P Mehta, Menaka R, Karthik R, Thanga Aarthy.
6	56	Discrepancy Histopathological Breast Cancer Image Classification with Deep Convolutional Network	Harikrishna Timmana and Rajabhushanam C
7	62	VESDNet: Deep Vessel Segmentation (U) Network for the Early Diagnosis of Diabetic Retinopathy	Kumaran G, Balika J Chelliah and Arun Kumar S.

Session 1 Track 2 : Cyber Security & Networks

Date : 06.07.2020 Time : 03.00 pm to 06.00 pm IST

S.No.	Paper ID	Title of the Papers	Author(s)
1	3	A Review on Security and Privacy Challenges Internet of Medical Things	Mohan Krishna Kagita
2	5	Novel Approach Of Malicious Packet Detection And Prevention In Network	Monali Bodkhe and Gurudev Sawarkar
3	45	Security For User Profile Matching In Social Networks	Dr.O.Pandithurai , Kiruthiga.E, Kavya. E, Ishwarya.A
4	57	Empirical Study - Attribute Based Encryption on IoT	Dr.S.K.B. Sangeetha, Mr. Balasubramanian Prabhu Kavin,
5	58	Detection and Prevention of Cyberbullying using Ensemble classifier	Umadevi K S, Thanigaivel S and Harshan S
6	60	Modified Particle Swarm Optimization in Wireless Sensor Network for Clustering and Routing	Vijaya Prabhu R, Anslam Sibi S and Priscilla R.

Session 1 Track 3 : Cyber Physical Systems – Autonomous Vehicles, Cloud Computing, Blockchain

Date : 06.07.2020 Time : 03.00 pm to 06.00 pm IST

S.No.	Paper ID	Title of the Papers	Author(s)
1	17	An Insight on Context-aware Mobile Application Execution in Mobile Cloud IoT (MCIoT)	Shakkeera L, Sharmasth Vali and Santosh Karthikeyan Viswanathan
2	19	A Novel approach on Auto scaling for resource scheduling using AWS	George Fernandez I and Dr Arokia Renjith .J
3	29	A Blockchain-based COVID19 Protection Framework	Basundhara Chakrabarty and Harish Krishnamoorthy.
4	37	Compact planar retro-directive antenna with a rat-race coupler for autonomous car applications	P. Mahalakshmi and R. Vallikannu.
5	49	Decentralized Classroom Using Blockchain	Siva Subramanian V, Brindha Devi.V, Meenaloshini M and Ahath Khan T
6	55	Application of Neuroevolution in Autonomous Cars	Sainath G, Vignesh S, Siddarth S and Suganya G
7	59	Obstacle Avoidance for Aerial Vehicles in Autonomous Navigation	Abhiraj Chaudhary and Karmel Arockiasamy

Session 1 Track 4 : Cyber Physical Systems – Business 4.0, Expert Systems

Date : 06.07.2020 Time : 03.00 pm to 06.00 pm IST

S.No.	Paper ID	Title of the Papers	Author(s)
1	13	Readiness assessment mechanism to measure the Industry 4.0 ecosystem	Alagiri Govindasamy and Dr.Arivarasi Arularasan
2	33	Measuring Success and Failure of Machine human interaction in Indian Companies	Dr. Vineet Chouhan and Dr. Shubham Goswami
3	36	Feedback based Real – Time Surveillance for Mid Day Meal Scheme Supervision	Kartik Joshi and Shyam Vadaliala.
4	47	AI and ML Based Crop Detection Application	M. Malathi, K.K. Faiyaz, R.M. Naveen, C. Nithish, R. Induja
5	51	Challenges in Adoption of Industry 4.0 in Apparel Supply Chain: a cross case study	Amal Krishnan UC, Amal T Sasidharan, Timal Prakash and Vivek CP
6	52	A Comprehensive Review on Reputation-Based Trust Management Framework for Cyber Physical Systems	Kanchana Devi V
7	63	‘Teaching an old dog new tricks’: A comparative study on solutions for connectivity of legacy machinery.	Thomas Kendall, Christopher Walsh, Jagadeesh Kannan R, Judith Apsley, Emad Alsusa, Paulo Bartolo, David Gillen, Carl Diver

Session 2 Track 1 : Smart Solutions for Covid-19,Artificial Intelligence & Machine Learning

Date :07.07.2020 Time : 03.00 pm to 06.00 pm IST

S.No.	Paper ID	Title of the Papers	Author(s)
1	7	An Audio Aided Face and Text Recognition System for Visually Impaired	Manjusha Sreedharan, Shalini Mohanraj, and Lakshmi Sutha Kumar
2	34	Comparison of machine learning and deep learning models on Diabetic Retinopathy	Santhi V, Sandhiya V, Priyadarshini S and Sri Varshini B.
3	53	A Robust Statistical CNNCTC Based AI Model For Tracking And Monitoring COVID-19	Dr.Balika J Chelliah, Arunkumar S, Prabavathi R and Aarthi B
4	61	Classification of Hyperspectral Images using Generative Adversarial Approach	Tvisha Trivedi and Dr. S Geetha
5	64	Intelligent self protection solution against COVID19	Andrew Moses, Jagadeesh Kannan R, Tulasi Prasad Sariki and G. Bharadwaja Kumar
6	65	Covid19 pattern analysis on timeseries dataset with tests count using LSTM	Rena Stellin R, Jagadeesh Kannan R, Tulasi Prasad Sariki and Bharadwaja Kumar
7	39	Centralized Smart Air Purifier System for Industrial Applications	R Mohan, Aditya Asabe, Deepak Tiwari, Manu Dubey, Vedant Joshi and Shardul Shrikhande

Session 2 Track 2 :Cyber Physical Systems – Allied Topics, Use Cases and Applications

Date : 07.07.2020 Time : 03.00 pm to 06.00 pm IST

S.No.	Paper ID	Title of the Papers	Author(s)
1	20	Adapting The Effect Of Impulse Noise In Broad-Band Power-Line Communication	Mohith U, J Manikantan, Manish R, and Abhishek A Naik
2	35	A State-Of-Art Of Machine Learning Algorithms Applied Over Language Identification And Speech Recognition Models	Razia Sulthana and Aakansha Mathu
3	38	Digital watermarking Technique in Transform Domain using Meta-Heuristic Algorithm	Ayesha Shaik and Nivedita M.
4	40	Rapid Forest Cover Detection using Ensemble Learning	Mohammed Al Sameer M, Prasanth T and Dr. R. Anuradha
5	48	Modified Pre-emptive Priority Based Round Robin Scheduling Algorithms with Dynamic Time Quantum: MPPBRRACBDQ, MPPBRRALBTDQ	Sudharshan Nagarajan, Akhil Krishna R, M Sivagami and Maheswari N
6	50	A Novel Algorithm for Automatic Essay Grading using Natural Language Processing Techniques	Jayashree D, Pandithurai O, Vishwak Senan G, Pranav Kumar K and Sundaramoorthy T
7	42	An Image Processing Based American Sign Language Fingerspelling Interpreter	Sirisha Gopireddy, Harshdeepsinh Parmar, Hemanth Konduri Subrahmanya and Sathiya Narayanan Sekar