

Conference Program-ICCCS 2020

(Duration of Presentation of each paper is 10 minute and 3 minute is for question and answering)

Day 1. Oct 14, 2020

Inauguration of 5th IEEE International Conference on Computing, Communication & Security (ICCCS - 2020), IIT Patna INDIA

Link: <https://iitpatna.webex.com/meet/webex1>

[09:20 AM - 09:25 AM] Welcome Address: Dr. Sudhan Majhi, General Chair, 5th IEEE ICCCS-2020

[09:25 AM - 09:30 AM] Address: Dr. Jawar Singh, Chairman, IEEE Chapter , IIT Patna subsection

[09:30 AM - 09:35 AM] Address: Dr. Ahmad Ali, HoD, Electrical Engineering, IIT Patna

[09:35 AM- 9:45 AM] Inaugural Address: Prof. Pushpak Bhattacharyya, Keynote speaker, Professor, IIT Bombay, INDIA

[09:45 AM- 9:50 AM] Address: Dr. R. K. Jha, Conference Chair, 5th IEEE ICCCS-2020

[09:50 AM - 09:55 AM]Address: Dr. V M Mishra, BTKIT Dwarahat, INDIA

[09:55 AM - 10:00 AM]Address: Dr. S D Sudarsan, Executive Director, CDAC Bangalore, Past Chair 4th IEEE ICCCS-2020

[10:00 AM - 10:05 AM]Address: Dr. Vishal Kumar, Conference Chair, 5th IEEE ICCCS-2020

[10:05 AM - 10:15 AM] Address: Prof. Pramod Kumar Jain, Cheif Guest, Director, IIT Patna

[10:15 AM - 10:20 AM]Vote of Thanks: Dr. Preetam Kumar, Conference Chair, 5th IEEE ICCCS-2020

*[10:20 AM - 11:10 PM] Keynote 1: Dr. Pushpak Bhattacharyya, IIT Bombay, INDIA
Title: Reducing Man Machine Gap through Language Technology*

*[11:10 AM - 11:25 PM] Title: How Wiley supports 'Full Researcher Journey
Speaker : Rahul Dasgupta,*

[11:40 AM - 01:30 PM] Technical Session - I (Big Data Analytics, Data Mining & AI), Session Chair –Dr. Sriparna Saha

Link: <https://iitpatna.webex.com/meet/webex1>

A Survey on Object Detection, Annotation and Anomaly Detection Methods for Endoscopic Videos
Authors: Tejas Chheda, Soumya Koppaka, Rithvika Iyer, Dr. Dhananjay Kalbande

Extractive Text Summarization using Dynamic Clustering and Co-Reference on BERT
Authors: Anirudh Srikanth, Saravanan Thanu , Ashwin Shankar Umasankar, S. Jaya Nirmala

Empirical Evaluation of Gated Recurrent Neural Network Architectures in Aviation Delay Prediction
Authors: Amulya Arun Ballakur, Arti Arya

Covid-19 Identification with Chest X-Ray Images merging Handcrafted and Automated Features for Enhanced Feature Generalization
Authors: Rik Das, Md. Arshad, P.K. Manjhi, Sudeep Thepade

Sentiment Analysis Of Reviews Using an Augmented Dictionary Approach
Authors: Seema Yadav; Saleena N

Span Level Model for the Construction of Scientific Knowledge Graph
Authors: Ishdutt Trivedi, Dr Sudhan Majhi

Deep Learning Algorithm for Judicial Judgment Prediction Based on BERT
Authors: Yongjun Wang, jing gao, Junjie chen

[11:40 AM - 01:30 PM] Technical Session – II (Wireless Commu, Signal proc. & Netw.) ,Session Chair –Dr. Rajib K. Jha
Link: <https://iitpatna.webex.com/meet/webex2>

Spectrum Sensing in Cognitive Radio Networks with Cluster-primarily based on Multi-hop Cooperative Relaying
Authors: shalini thapar, Neetu Sood

Channel Assignment with Power Allocation for Sum Rate Maximization in NOMA Cellular Networks
Authors: Priya Gupta, Debashis Ghosh

An HTTP video stream identification method based on wavelet packet analysis and SVM
Authors: Yan Zhang, Qiushi Gong, Wei Ding, Shuo Jia

Three Class classification of digital Mammograms using Chebyshev Moments and Convolutional Neural Network
Author: B Chandra Mohan

User Fairness based Energy Efficient Power Allocation for Downlink Cellular NOMA System
Author: Priya Gupta, Debashis Ghosh

Adaptive OFDM Non-Uniform Modulation for Underwater Acoustic Communication
Authors: N Kapileswar, P Phani Kumar, N Uttam Reddy, D Pravista Sai Teja , V Serena Rajam, B Akhil Jaichandra Reddy

Deep Learning Based Secure MISO Transmission
Authors: Yash Fulwani , shalini thapar, Neetu Sood,

Algorithm to improve the throughput and latency in Bluetooth Low Energy Networks
Authors: Ninad Thite, Dr. Rajshri Mahajan , Sushil B. Ronghe

[11:40 AM - 01:30 PM] Technical Session – III (IoT, Smart City& Security) Session Chair –Dr. Sudhir Kumar

Link: <https://iitpatna.webex.com/meet/webex3>

Reversible Data Hiding in Encrypted Image using Checkerboard Pattern based Pixel Inversion
Authors: Manikandan V M, Nikhila Korivi,

A Broad Perspective On Integrating Internet Of Things With Blockchain
Author: Smita D Dange

An Authenticated Keyword Searchable Conditional Proxy Re-encryption Scheme in Cloud Services
Authors: Sumit Sharma, Ashutosh Swarnakar, Ch Jayanth Babu, R Padmavathy, Rakesh Kumar

A Statistical Analysis on In-Built Pseudo Random Number Generators Using NIST Test Suite
Authors: Rajendra Hegadi, Abhijit Prakash Patil

I-Gressus: Low-Cost Plantar Gait Monitoring System for Clinical Diagnosis
Authors: Ritik Agarwal, Ghanishtha Bhatti, Ruban Nersisson*

Break: 30 minute

*[02:00 PM - 02:50 PM] Keynote 2: Dr. Ioannis Krikidis, University of Cyprus (ECE), Nicosia, Cyprus.
Title – Wireless Powered Communications: Overview,Recent Results, and Challenges
Session Chair : Dr. Sourav Dandapat
Link : <https://iitpatna.webex.com/meet/webex1>*

[03:00 PM - 04:30 PM] Technical Session - IV (Big Data Analytics, Data Mining & AI) Session Chair - Dr. Asif Akbal

Link : <https://iitpatna.webex.com/meet/webex1>

Comparison of Contemporary Constant Modulus Algorithms for Blind Beamforming Application
Authors: Vignesh Ranganathan, K.A.Narayanankutty

Prediction of COVID-19 Cases Using CNN with X-rays
Authors: Dr D Haritha, Swaroop Nagothi, Mounika Munagala

Machine Learning Based Transformer Health Monitoring Using IoT Edge Computing
Authors: Imtiyaz Ahmad, Yaduvir Singh, Jameel Ahamad

Feature Enhancement Based Text Sentiment Classification using Deep Learning Model
Authors: Janardhana D R, Vijay C P , Janardhana Swamy , Ganaraj K

Selection of Optimal Number of Clusters and Centroids for K-means and Fuzzy C-means Clustering: A Review
Authors: Pugazhenth A. , Lakshmi Sutha Kumar

Prediction of Earthquake Induced Landslide Using Deep Learning Models
Authors: SHAMEEM ANSAR A , S Sudha

DeepNet: An Efficient Neural Network for Fake News Detection using News-User Engagements
Authors: Rohit Kumar Kaliyar, Pawan Kumar , Manish Kumar, Meenal Narkhede, Sreyas Namboodiri ,Sneha Mishra

Event Detection and Classification Algorithm using Wavelet and Machine Learning Technique for Vibration fence PIDS
Authors: Sushil Kumar Bahuguna, Nitish Kumar, Nawaj Shikalgar, Sangeeta Dhage , Anand Laddha, P. P. Marathe

[03:00 PM - 04:30 PM] Technical Session – V (Wireless Commu, Signal proc. & Netw.) Session Chair: Dr. Sumanta Gupta

Link : <https://iitpatna.webex.com/meet/webex2>

Photovoltaic System for Electric Vehicle using Interleaved Boost Converter
Authors: Melisa Miranda, Shashi Kiran S , Nagaraj H, Surya D

Robust Voltage Control of Improved Floating Interleaved Boost Converter for Photovoltaic Systems
Authors: Melisa Miranda, Pradeepa Banakar, Gouri Gunnal, Kiran Kumar VK

Performance anomaly of Group-Synchronized Distributed Coordination Function in IEEE 802.11ah based Multi-rate IoT Networks
Authors: Badarla Sri Pavan, Miriyala Mahesh, V.P. Harigovindan

Variable Step Size NLMF Adaptive Algorithm for Elimination of Ocular Artifacts from EEG Signals
Authors: Sridhar Chintala, Jyoti Mishra, Jaisingh Thangaraj

MirGAN: Medical Image Reconstruction using Generative Adversarial Networks
Authors: Shailendra Tiwari ,Nitin Dang , Manju Khurana

Pre Emptive Multitasking Algorithm based Resource Sharing Controller in Vehicular Cloud Networks
Authors: Mahantesh G Kambalimath, Dr. Mahabaleshwar S. Kakkasageri,

Detecting Respiratory Diseases from Recorded Lung Sounds by 2D CNN
Authors: Reetodeep Hazra, Dr Sudhan Majhi

[03:00 PM - 04:30 PM] Technical Session – VI (IoT, Smart City & Security) Session Chair: Dr. Somnath Tripathy

Link : <https://iitpatna.webex.com/meet/webex3>

Real Time Baby Facial Expression Recognition Using Deep Learning and IoT Edge Computing
Authors: Ramendra Pathak, Yaduvir Singh

Child Online Safety in Indian Context
Authors: Naganna Chetty, Sreejith Alathur, Vishal Kumar, Dittin Andrews

Fuzzy Ant Bee Colony For Security And Resource Optimisation In Cloud Computing
Authors: Jitendra Kumar Samriya, Dr. Narander Kumar

Enhancing safety and security in a dynamic rideshare service
Authors: Ariyo Blessing Ihinosen, Sandile Thamie Mhlanga , Manoj Lall

Penetration Testing in IoT Network
Authors: Rahul Johari, Ishveen Kaur, Reena Tripathi

*[05:00 PM – 05:50 PM] Keynote 5: Dr. Marco Di Renzo, CNRS Research Director, Paris-Saclay University – CNRS, Paris, France..
Title: Smart Radio Environnants Empowered by Reconfigurable Intelligent Surfaces : How it Works, State of Research, and the Road Ahead ;
Session Chair : Dr. Mayank Agarwal
Link : <https://iitpatna.webex.com/meet/webex1>*

Day 2. Oct 15, 2020

Welcome Address: Session Chair: Dr. Rajib Kumar Jha, Organizing Chair, 5th IEEE ICCCS-2020 Conference
Link: <https://iitpatna.webex.com/meet/webex1>

*[09:40 AM - 10:30 AM] Keynote 3: Dr. Uday B Desai, IIT Hyderabad, INDIA
Title: IoT, CPS and AI*

[10:40 AM - 01:00 PM] Technical Session – VII (Big Data Analytics, Data Mining & AI), Session Chair: Dr. Joydeep Chandra

Link : <https://iitpatna.webex.com/meet/webex1>

QuesBELM: A BERT based Ensemble Language Model for Natural Questions
Authors: Raj Ratn Pranesh, Ambesh Shekhar, Smita Pallavi

Segmentation of White Blood Cells using Image Segmentation Algorithms
Authors: Puranam Revanth Kumar, Dr. Sachinandan Mohanty

Concurrency Analysis of Go and Java
Authors: Abhinav P Y, K Avakash Bhat, Christina Joseph, Chandrasekaran K

Social Issues Sentiment Analysis using Python
Authors: chhinder kaur, Anand Sharma

Symbolic execution based feature extraction for detection of malware
Authors: Naveen Namani, Arindam Khan

Multi-class Heart Sounds Classification Using 2D-Convolutional Neural Network
Authors: Megha Banerjee, Dr Sudhan Majhi

[10:40 AM – 01:00 PM] Technical Session – VIII (Wireless Commu, Signal proc. & Netw), Session Chair: Dr. Mahesh K H Kolekar

Link : <https://iitpatna.webex.com/meet/webex2>

Telephony Speech Enhancement for Hearing- Impaired People
Authors: Nizampatnam Prasad ,Praveen Kumar, Sitaramanjaneyulu, Srinivasa Raju

Multiplicative Error Modeling Approach for Time Series Forecasting
Authors: Poulami Chowdhury, Tanujit Chakraborty

Proximity Coupled Wideband Wearable Antenna for Body Area Networks
Authors: Devendra Kumar, Dhirendra Mathur

Performance Analysis of RZF precoding and Mean based Calibration for Channel Reciprocity
Authors: Prabhat kumar , Poonam Singh, Varun Kumar

A Survey on Heating Effects of Electromagnetic Radiation on Human Body
Authors: Meenu L, Aiswarya S, Sreedevi K Menon

On cyclic LRC codes that are also LCD codes
Authors: Charul Rajput, Maheshanand Bhaintwal, Ramakrishna Bandi,

Pansharpener for Better Spectral and Spatial Clarity
Authors: G. Rohith, Lakshmi Sutha Kumar

Performance Analysis of 8T FinFET SRAM Bit-Cell for Low Power Applications
Authors: Shilpi Birla, Neeraj K. Shukla, Neha Singh, Ram Kumar Raja

[10:40 AM – 01:00 PM] Technical Session – IX (IoT, Smart City & Security), Session Chair: Dr. Kailash Chandra Ray

Link : <https://iitpatna.webex.com/meet/webex3>

Deterministic Algorithm to generate SEC-DED-DAEC H-Matrix for SRAMs in FPGA for reliable space applications
Authors: Kumar Rahul ,Santosh Yachareni

Multi-fold Scheduling Algorithm for Multi-core Multi-Processor Systems
Authors: Savita Gautam, M. Sarosh Umar, Abdus Samad

Application of Data Augmentation in Lane Line Detection
Authors: qian liu, xiaoyu wu, dan qiao

IoT Based Foot Neuropathy Analysis and Remote Monitoring of Foot Pressure and Temperature
Authors: Atulya Alok, Gagandeep Singh Kukreja, Anil Kumar Reddy, Ruban Nersisson

Intelligent Farming System With Weather Forecast Support and Crop Prediction
Authors: Udit Shandilya, Vidhi Khanduja

IoT based Image Defogging System for road accident control during winters
Authors: Mamta Mittal, Gopi Battineni

Deep Learning Techniques for Early Detection of Diabetic Retinopathy: Recent Developments and Techniques
Authors: Dolly Das, Dr. Saroj kr Biswas, Sivaji Bandyopadhyay, Rabul Hussain Laskar

Performance Evaluation of Word Representation Techniques using Deep Learning Methods
Authors: Anjali Bohra and Prof. Nemi Chand Barwar

Break 1 hour

[02:00 PM – 04:00 PM] Technical Session – X (Big Data Analytics, Data Mining & AI), Session Chair-Dr. Jimson Mathew

Link : <https://iitpatna.webex.com/meet/webex1>

Bilingual Sentiment Analysis for a Code-mixed Punjabi English Social Media Text
Authors: Konark Yadav , Aashish Lamba , Dhruv Gupta, Ansh Gupta, Purnendu Karmakar, Sandeep Saini

Covid Prediction from X-ray Images
Authors: Dr D Haritha , Ch. Praneeth , Meegada krishna pranathi

Smart Snickometer for assisting Cricketing Umpires
Authors: Kumar Raja Pavuluri, Nilay Aishwarya, Arvind Kumar, Kamlesh Kishore

Effective Microgrid Cost Reduction using Dragon Fly Optimization Algorithm and Firefly Algorithm
Authors: Kavitha Kumari K.S, Dr. R. Samuel Rajesh Babu

Enhancing the Data Mining Tool WEKA
Authors: Pranav Kotak, Hiral Modi

On-Board Diagnostics and Driver Profiling
Authors: Thushar. R, Prithvil K. P, Sri Hari N. R, Navneeth S, Dr. M. Rajeswari

Attention-based Sequential Generative Conversational Agent
Authors: Nripesh Kumar, G. Srinath, Abhishek Prataap, S. Jaya Nirmala

Phishing Detection from URLs Using Deep Learning Approach
Authors: Shweta Singh, M.P.Singh,Ramprakash Pandey

Immersive Visualisation In Medical Imaging
Authors: Shlok Shah,Aditya Salian, Vvyom Shah, Parin Shah, Kamal Mistry,Krupalu Mehta,Vivek Surve

[02:00 PM – 04:00 PM] Technical Session – XI (Wireless Commu, Signal proc. & Netw), Session Chair : Dr. Rajiv Misra
Link : <https://iitpatna.webex.com/meet/webex2>

Implementation of Quantum Gates based Logic Circuits using IBM Qiskit
Authors: Enaul haq Shaik, R Nakkeeran

Sparse Code Mutiple Access based Cooperative Spectrum Sensing in 5G Cognitive Radio Networks
Authors: Guman Kanwar Shekhawat, R. P. Yadav

Hybrid MQTT-COAP Protocol for Data Communication in Internet of Things
Authors: Emmanuel I. Nwankwo, Elizabeth N. Onwuka, Michael David , Zubair Suleiman

Minimised Jaya Algorithm-based Structure Optimisation for Heterogenous Wireless Sensor Networks
Authors: Piyush Mishra , Debasish Sahoo, Hemant Khandelwal, Nishith Amman, Srichandan Sobhanayak

Performance evaluation of HHT based features for Speech/Music Discrimination under Noisy condition
Authors: Arvind Kumar, Kamlesh Kishore, Mahesh Chandra

Design of Beam Steering Antenna for 5G at 28 GHz by using Butler Matrix
Authors: Amit Abhishek, Zeba Zeya, Priyadarshi Suraj , Ritesh Badhai

Quantum codes from $(1+Bu)$ -constacyclic codes over $F_{pm} + uF_{pm}$
Authors: Soumak Biswas, Maheshanand Bhaintwal

Secure 4G SEPS-AKA Protocol for UMTS Networks
Authors: suvidha k s, Shyam S Kamath

[02:00 PM – 04:00 PM] Technical Session – XII (IoT, Smart City& Security), Session Chair : Dr. Pramod K. Tiwari
Link : <https://iitpatna.webex.com/meet/webex3>

A PUF-based Mutual Authentication Protocol for Internet of Things
Authors: Krishna Prasad Satamraju, B. Malarkodi

Ensemble and Feature Selection-based Intrusion Detection System for Multi-attack Environment
Authors: Shraddha R Khonde , Dr. V. Ulagamuthalvi

Study of Indian instruments for designing a speech/music classifier
Authors: Arvind Kumar, S. S. Solanki ,Mahesh Chandra

Computer-aided appraisalment of plantar foot health in Diabetic subjects using Infra-red thermograms
Authors: Christy Evangeline N, Suresh E, Srinivasan S

A Framework for Residual Energy Model in UnetStack Simulator for Underwater Sensor Networks
Authors: B.R. Chandavarkar; Akhilraj Gadagkar

Day 3. Oct 16, 2020

[09:25 AM] Welcome Address: Dr. Vishal Kumar, Conference Chair, 6th IEEE ICACCE-2020 Conference

[09:40 AM – 12:00 PM] Technical Session – XIII (Big Data Analytics, Data Mining & AI), Session Chair : Dr. S D Sudarsan

Link : <https://iitpatna.webex.com/meet/webex1>

Covid detection from chest x-rays with deep learning : CheXNet
Authors: krishna meegada pranathi, Dr D Haritha, reethika medindrao

Software Reliability Growth Modeling with Burr Type XII using Fuzzy
Authors: Seema Rani, Nesar Ahmad

Social Recommendation System Using Network Embedding and Temporal Information
Authors: Saranya, Sowmya A S, Mohammed Shebin K K, Anuraj Mohan

Disaster Survival Training Using Virtual Reality
Authors: Nisheegandha Sahebrao Bhookan, Dinesh Pratapsingh Thakur, Mayuri Sharad Murde, Dr. Hemantkumar B Jadhav.

Source Detection Of Oil Spill Using Modified Glowworm Swarm Optimization
Authors: Rashmita Gupta, R K Bayal

Automated Speech Recognition System For Speaker Emotion Classification
Authors: Dr.N.Anithadevi , Gokul p, Shiddharth s, Muhil Nandan s , R. Magesh

Time Series Analysis for Supply Chain Planning in Restaurants
Renisha B ; Dilkhush Mihirsen D ; Josephine Taniha Joseph

2019-nCoV Disease Control and Rehabilitation: Insights from Twitter Analytics
Authors: Naganna Chetty, Sreejith Alathur, Vishal Kumar

Proposed Techniques to Optimize the DW and ETL Query for Enhancing data warehouse efficiency
Authors: Abhishek Gupta, Arun Sahayadhas

Factors affecting digital education during COVID-19: A statistical modeling approach
Authors: Nalini Chintalapudi, Mamta Mittal

[09:40 AM – 12:00 PM] Technical Session – XIV (Wireless Commu, Signal proc. & Netw), Session Chair: Dr. Udit Satija
Link: <https://iitpatna.webex.com/meet/webex2>

Reduction of Misdetections in Sub-Nyquist Spectrum Sensing
Authors: Sneha Gem Mathew, Chris Prema S.

Effects of buffer and BSF contact layer on ZnMnO/CIGSSe heterojunction solar cell
Authors: Alisha Priya, Prashant Kumar and Shiva Nand Singh

A new pairing scheme for D2D with cellular users in underlay spectrum sharing
Authors: Rashmi, Prashant Kumar

Instrument Classification using image based Transfer Learning
Authors: Shailendra Tiwari , Utsav Shukla, Utkarsh Tiwari , Vaibhav Chawla

A Smartphone Based Application for Early Detection of Diabetic Retinopathy Using Normal Eye Extraction
Authors: Mrutyunjaya , Dr.Sarika Raga

Developing a Bluetooth Based Tracking System for Tracking Devices Using Arduino
Authors: Hannah A. S. Adjei, Francis Kwabena Oduro-Gyimah, Shunhua Tan, Agordzo George Kofi, Musariri Manasah

A Duality Based Approach For Fractional Order Tv-Model In Optical Flow Estimation
Author: Pushpendra Kumar

Smart Social Distancing Using Bluetooth Low Energy
Authors: Kumar Rahul Tiwari, Indar Prakash Singhal, Alok Kumar Mittal

[09:40 AM – 12:00 PM] Technical Session – XV (IoT, Smart City& Security), Session Chair: Dr. Raju Halder
Link: <https://iitpatna.webex.com/meet/webex3>

Unique Identification for Monitoring of COVID-19 using the Internet of Things (IoT)
Authors: Ankur Utsav, Amit Abhishek, Kamal Kant, Ritesh Badhai

Developing a Framework to Digitize the Supply Chain Between Manufacturer and Suppliers
Authors: Ankita Maiti, Shilpa R.G

Handwriting Based Text Steganography Using Universal Languages
Authors: Dr. Indradip Banerjee, Kaustav Bandyopadhyay, Dr. Anand Mohan

Intelligent Child Safety System using Machine Learning in IoT Devices
Authors: Aparajith Srinivasan, Abirami S, Divya N, Akshya R, Dr. Sreeja B S

Detection of Malicious Video Modifications using Perceptual Video Hashing
Authors: Sandeep Rameshnath, Prabin Kumar Bora

A Smart Voice-Enabled Blind Stick with An Emergency Trigger
Authors: Priyanka Abhang, Shambhavi Rege, Shrishti Kaushik, Shriya Akella, Manish Parmar

*[12:00 PM – 12:50 PM] Keynote 5: Dr. Sumei SUN, Institute for Infocomm Research (I2R), (A*STAR), Singapore.
Title: From 5G to 6G : Driving applications and enabling technologies, Session Chair : Dr. Arijit Mondal
Link : <https://iitpatna.webex.com/meet/webex1>*

[02:00 PM - 04:00 PM]Technical Session – XVI (Big Data Analytics, Data Mining & AI),Session Chair: Dr. Samrat Mondal

Link: <https://iitpatna.webex.com/meet/webex1>

Computer based Technique to Examine Diabetic Retinopathy in Fundus Retinal Images
Authors: Remya K R , M N Giriprasad

Contingency Analysis of Power System using Big Data Analytic Techniques
Authors: Ravi V Angadi , Suresh Babu Daram, P. S. Venkataramu

Identifying movie genre compositions using neural networks and introducing GenRec - a recommender system based on audience genre perception
Authors: Aditya Pal, Abhilash Barigidad, Abhijit Mustafi

Comparison among Some Multi-Criteria Decision Analysis Techniques
Authors: Susmita Bandyopadhyay

Recruitment Prediction using Machine Learning
Authors: Jagan Mohan Reddy D ,Sirisha Regalla, Srinivasa Reddy Seelam

Dynamic Heart Disease Prediction using Multi- Machine Learning Techniques
Authors: Veeraiah Duggineni, Farzana Shaik

Predictions of Loan Defaulter - A Data Science Perspective
Authors: Venkata Narayana CH, Maheswari Potnuri

Analysis and Implementation of a Parallel Computing Cluster for Solving Computational Problems in Data Analytics
Authors: Chavala Mutyala Rao, Shyamala Prof Kattula

[02:00 PM - 04:00 PM]Technical Session – XVII (Wireless Commu, Signal proc. & Netw)Session Chair: Dr. Prashant K

Link: <https://iitpatna.webex.com/meet/webex2>

A Simulation Study of 2x3 Microstrip Patch Antenna Array for 5G Applications
Authors: Manasa Buravalli; Shilpa G D (RVCE); Anuradha Sathyamurthy ; Tejaswini K

Pilot-Assisted Maximum-Likelihood Estimation for Underwater Acoustic Communication
Authors: Anand Kumar, Prashant Kumar

Comparison of passive time reversal communication technique with Extended Kalman Filter for estimation of shallow water multipath communication channel
Authors: Malarkodi A , Srinivasan S, Dr. Latha G

TSN enabled 5G Non Public Network for Smart Systems
Authors: Jayanta Kumar Ray, Pallabi Biswas, Rabindranath Bera, Sanjib Sil , Quazi Mohmmad Alfred

A Comparative Study Of Various Pitch Detection Algorithms
Authors: Sriram Ravishankar, Khoushikh S, Prajwal S Rao, R Advait Ananthkrishnan, Dr. Balachandra K

A Signal Processing Method for Fast Acquisition of GPS SPS Signals Using Zoom FFT
Author: Newton Fernandes

Multi-Tier Cluster Based Smart Farming Using Wireless Sensor Network
Authors: Vipul narayan, A. K. Daniel

[4:00 PM - 4:50 PM] Keynote 6: Dr. Tolga M. Duman, Bilkent University, Turkey
Title: Distributed Machine Learning over Wireless Channels
Session Chair: Abyayananda Maiti
Link : <https://iitpatna.webex.com/meet/webex1>

[04:50 PM]: Valedictory of the 5th IEEE ICCCS 2020 - By Dr. Sudhan Majhi, Dr. Vishal Kumar, Dr. Rajib K. Jha, Dr. Preetam Kumar, Dr. S D Sudarsan, Dr. V M Mishra