

Programme & Paper Session Schedule

September 28, 2019

Time	Activity		
09:00AM-09:45 AM	Registration (Near TMA Pai Auditorium, Academic Block-2)		
10:00AM-10:45 AM	Inauguration (TMA Pai Auditorium)		
10:45AM-11:15 AM	High Tea (Behind TMA Pai Stage)	Notion: "Innovation and Intelligence" Poster and Project Competition (Near TMA Pai Auditorium, Academic Block-2)	
11:15AM-12:00PM	Keynote 1: Ajay Gupta, Professor (Computer Science), Western Michigan University, USA <i>"High Performance and Big Data Proteogenomics: Challenges and Opportunities"</i> (TMA Pai Auditorium)		
12:00PM-12:45PM	Keynote 2: V. Raghava Mutharaju, Assistant Professor, Department of CSE, IIT Delhi, India <i>"Semantic Web : Mining knowledge from web"</i> (TMA Pai Auditorium)		
12:45PM-1:30PM	Lunch (Food Court 1 st Floor)		
1:30PM-02:15PM	Keynote 3: Phayung Meesad, Associate Professor, Faculty of Information Technology, King Mongkut's University of Technology, North Bangkok <i>"Trends of Deep Learning for Big Data and Applications"</i> (TMA Pai Auditorium)		
02:15PM-4:00PM	Session 1: Computer Vision and Image Processing Paper ID – 43, 57, 91, 103, 116, 119, 143 (Room No.23, Academic Block-2)	Session 2: Signal Processing and Wireless Communication Paper ID - 35, 54, 99, 123 (Room No.25, Academic Block-2)	
4:00PM-4:15PM	Tea Break (Behind TMA Pai Stage)		
04:15PM-06:00PM	Session 3: Intelligent Communication and Computing Paper-ID – 44, 49, 55, 86, 127, 192, 201 (Room No.23, Academic Block-2)	Skype Session 1: Miscellaneous Paper-ID –32, 45, 105, 146 (Room No.24, Academic Block-2)	Session 4: Cryptography and Security Paper ID – 22, 28, 190, 197, 198, 204 (Room No.25, Academic Block-2)

September 29, 2019

Time	Activity		
09:15AM-10:00AM	Keynote 4: Al-Sakib Khan Pathan, Associate Professor, Department of Computer Science and Engineering, Southeast University, <i>"Can we rely on Block chain?"</i> (TMA Pai Auditorium)		
10:00AM-11:45AM	Session 5: Grid, Cloud, Mobile and Distributed Computing Paper ID – 7, 97, 142, 195, 196 (Room No. 23, Academic Block-2)	Session 6: Machine Learning (Track 1) Paper ID – 81, 92, 194 (Room No.25, Academic Block-2)	
11:45AM-12:00PM	Tea Break (Behind TMA Pai Stage)		
12:00PM-01:15PM	Session 7: Soft Computing & Machine Learning Techniques Paper ID – 85, 165, 185 (Room No. 23, Academic Block-2)	Skype Session 2: Miscellaneous Paper-ID – 102, 151, 156, 93, 162 (Room No.24, Academic Block-2)	Session 8: Machine Learning (Track 2) Paper ID –76, 107, 149, 164 (Room No. 25, Academic Block-2)
01:15PM-01:45PM	Lunch (Food Court 1 st Floor)		
01:45PM-02:30PM	Keynote 5: PIJonkin Anton Pavlovich, Director, SFU Indian-Russian Scientific Center, Associate Professor, Southern Federal University, Russia <i>"General Principles of Quantum Key Cryptography"</i> (TMA Pai Auditorium)		
02:30PM-4:45PM	Session 9: Advancements in Smart Devices Paper ID - 78, 124, 130, 191, 199, 200, 202 (Room No.23, Academic Block-2)	Skype Session 3: Miscellaneous Paper-ID –77, 137, 46, 73, 80 (Room No.24, Academic Block-2)	Session 10: IoT and Wireless Communication Paper ID – 6, 9, 14, 59, 63, 64, 96, 176, 205 (Room No.25, Academic Block-2)
04:45PM-05:45PM	Valedictory (TMA Pai Auditorium)		
05:45PM-6:00PM	High Tea (Behind TMA Pai Stage)		

Paper Session Schedule
DAY 1
**28-9-2019 (2:15PM – 4:00PM) Room No. 23, Academic Block-2
Session 1: Computer Vision & Image Processing**

Paper ID	Title of the Paper	Author Name
43	Lithological Mapping Using Digital Image Processing Techniques on Landsat 8 OLI Remote Sensing Data in Jahajpur, Bhilwara, Rajsthan	Mahesh Kumar Tripathi, Himanshu Govil, Prabhat Diwan
57	Anonymous Vehicle Detection for Secure Campuses: A Framework for License Plate Recognition using Deep Learning	Crystal Dias, Astha Jagetiya, Sandeep Chaurasia
91	A New Segmentation Method for Plant Disease Diagnosis	Kiran Kumar Gurralla, Lenin Yemineni, Krupa Spandan Raj Rayana, Lokesh Kumar Vajja
103	Analysis of Object Classification and Detection Methods to Mitigate Power Utilization	Shreyas Anil Talokar, Mohit Chaudhari
116	Scene Understanding: A Survey to See the World at a Single Glance	Prajakta Pawar and Dr. V Devendran
119	Effective Distribution of Local Intensity Gradient Technique for View Invariant Gait Recognition	Tejas.K. Rayan goudar, H. C. Nagaraj
143	Mammogram Segmentation Methods: A Brief Review	Sarthak Padhi, Suwendu Rup, Sanjay Saxena, Figlu Mohanty

**28-9-2019(2:15PM – 4:00PM) Room No. 25, Academic Block-2
Session 2: Signal Processing & Wireless Communication**

Paper ID	Title of the Paper	Author Name
35	System Design and Simulation Model of Coherent Optical DQPSK Modulation Technique for Long-Haul Communication	Naresh Sothuku, Viswapriya A, Hemavathy Muthusamy
54	Comparative Evaluation Threshold Parameters of Spectral Angle Mapper (SAM) for Mapping of Chhabadiya Talc Minerals, Jahajpur, Bhilwara, India using Hyperion Hyperspectral Remote Sensing Data	Mahesh Kumar Tripathi, Himanshu Govil, Prabhat Diwan
99	Effect of Different Thresholding Techniques for Denoising of EMG Signals by Using Different Wavelets	Ruchika Thukral, Ashwani Kumar, A.S. Arora, Gulshan
123	A Novel 8.4 GHz, High Speed and Low Power Design of programmable divider in 180nm CMOS Technology	Smita Purohit, Uma Nirmal

**28-9-2019 (4:15 PM – 6:00 PM) Room No. 23, Academic Block-2
Session 3: Intelligent Communication and Computing**

Paper ID	Title of the Paper	Author Name
44	MapIDroid: Malicious Android Application Detection Based on Naive Bayes Using Multiple Feature Set	Parnika Bhat, Kamlesh Dutta, Sukhbir Singh
49	Rumour Propagation: A State-of-the-Art Survey of Current Challenges and Opportunities	Priyanka Meel, Roohani Tushar, Rana
55	Petrography, XRD analysis and identification of Talc minerals near Chhabadiya village of Jahajpur region, Bhilwara, India through Hyperion hyperspectral remote sensing data	Mahesh Kumar Tripathi, Himanshu Govil and Prabhat Diwan
86	PACT – Programming Assistant Chat Bot	Aditya Ankur Yadav, Ishan Garg, Pratistha Mathur
127	Wi-Fi Based Scrolling Digital Display with RTC Using Arduino	Suman Poudyal, Rajena Pradhan, Deepak Rasaily, Sabina Sharma, Tenzing Sherpa, Mukesh Kumar Sharma, Abishek Pradhan
192	Using Intelligent Communication System (ICT) to Solve a Problem of Enroute Confirmation of Wait Listed Tickets in Indian Railways	Mahendra Parihar and Nagaraju Dasari
201	Autonomous Fire Detecting and Extinguishing Robot	Mukul Diwanji, Saurabh Hisvankar, Chhaya Khandelwal

**28-9-2019 (4:15PM – 6:00 PM) Room No. 24, Academic Block-2
Skype Session 1: Miscellaneous**

Paper ID	Title of the Paper	Author Name
32	Novel Considerations in Reducing Noise during FECG Signal Transmission	D Preethi, R. S. Valarmathi
45	Blockchain-Based Smart Contract for E-Bidding System	Praveen sankar Manimaran, R. Dhanalakshmi
105	A Survey of Botnet in Cyber Security	Syeda Farjana Shetu, Nazmun Nessa Moon, Mohd. Saifuzzaman, Fernaz Narin Nur
146	Advancements in Reversible Data Hiding in Encrypted Images Using Public Key Cryptography	Ahmad Neyaz Khan, Ming Yu Fan, Asad Malik

**28-9-2019 (4:15PM – 6:00 PM) Room No. 25, Academic Block-2
Session 4: Cryptography and Security**

Paper ID	Title of the Paper	Author Name
22	Analysis of the Security Problems of Robotic Systems	Alexander Basan, Elena Basan, Anton Gritsynin
28	Online CAPTCHA Replacement Through Face Detection	Rutwik Chinchole, Aditya Kakad, Sumit Bhirud, Aakarsh Raghunath, Snehal Mumbaikar
190	Network attacks and Intrusion Detection System: A Brief	Neha V Sharma, Kavita Jhaharia, Gaurav Agrawal
197	The General Principles of Quantum Key Integration into Data Network	Anton Pljonkin, Alexander Gorbunov

198	Paradigms of Image Compression and Encryption: A Review	Pratistha Mathur, Anju Yadav, Vivek Kumar Verma, Renuka Purohit
204	Cognitive Radio Network Security Threats: A Review	Nikita Mishra, Sumit Srivastava, Shivendra Nath Sharan

DAY 2

**29-9-2017 (10:00AM – 11:45AM) Room No. 23, Academic Block-2
Session 5: Grid, Mobile, Cloud and Distributed Computing**

Paper ID	Title of the Paper	Author Name
7	SOUL: Simulation of Objects in Unity for Learning	LavinaNagpal , Meghna Jaglan, Anuraj Kathait, Aakil Mathur, Abhishek Vichare
97	A Cloud Based Soil Health Digitalization and Monitoring Technique for Optimum Resource Utilization in Smart Farming	Priyanka Patidar, Sunil Joshi
142	Minimizing Latency for 5G Multimedia and V2X Applications using Mobile Edge Computing	Srinivasa RK, Naveen Kumar, Srinivasa Naidu, Bharathi C, Hemanth Kumar A. R., Sumit Maheshwari
195	Flying Ad Hoc Network: A Newest Research Area for Ad Hoc Networks	Sunil Kr. Maakar, Yudhvir Singh, Rajeshwar Singh
196	Implementation of Three Dimensional Model for Flying Ad Hoc Network	Sunil Kr. Maakar, Yudhvir Singh, Rajeshwar Singh

**29-9-2019(10:00AM – 11:45AM) Room No. 25, Academic Block 2
Session 6: Machine Learning Track -1**

Paper ID	Title of the Paper	Author Name
81	Biometric Iris Recognition using Sobel Edge Detection for Secured Authentication	Nisha Vishwakarma and Vinod Patel
92	Machine Learning Based Comparative Analysis of Methods for Enhancer Prediction in Genomic Data	Amandeep Kaur, Ajay Pal Singh Chauhan and Ashwani Kumar Aggarwal
194	Malaria Detection using Multiple Deep Learning Approaches	Mahesh Jangid, Sanidhya Kumar and Satabdi Nayak

**29-9-2019 (12:00 PM – 1:15 PM) Room No. 23, Academic Block-2
Session 7: Soft Computing & Machine Learning Techniques**

Paper ID	Title of the Paper	Author Name
85	Crisscross Optimization Algorithm for the Designing of Quadrature Mirror Filter Bank	Sumika, Dr. Manmohan Singh and Dr. Ashwani Kumar Agarwal

165	Social Media Survey Using Decision Tree & Naive Bayes Classification	Tallam Lakshmi Venkata Roshini, Parimi Venkata Sireesha, Parasa Dhanush and Shahana Bano
185	Feature Analysis for Fake Review Detection through Supervised Classification	Pradeep Kumar Tiwari, Rishi Gupta and Rohit Kumar Gupta
29-9-2019 (12:00 PM – 1:15 PM) Room No. 24, Academic Block-2		
Skype Session 2: Miscellaneous		
Paper ID	Title of the Paper	Author Name
102	Reduction of Position Error in GNSS receiver Coordinates using Iterative and PSO based Algorithms	Gurrala Kiran Kumar, Anindya Bose and Pratibha Verma
151	Decoupling Control of Headbox using Particle Swarm Optimisation (PSO) Algorithm	Parvesh Saini and Rajesh Kumar
156	Samadhan Sonavane Brain stroke detection using convolutional neural network and deep learning models	Bhagyashree Gaidhani, Dr. R.Rajamenakshi - and Samadhan Sonavane
93	Real-Time Sentiment Analysis of 2019 Election Tweets using Word2vec and Random Forest Model	Mada Sai Ratna Hitesh, Vedhosi Vaibhav, Yelamarthy Jahnavi Abhishek Kalki, Suraj Harsha Kamtam and Santoshi Kumari
162	NLP chatbot for Discharge Summaries	Harsh Lal and Priyanshu Lal
29-9-2019 (12:00 PM – 1:15 PM) Room No. 25, Academic Block-2		
Session 8: Machine Learning (Track-2)		
Paper ID	Title of the Paper	Author Name
76	A Survey On Temperature Monitoring and Control Mechanism of Public Building Using Machine Learning	Kaustub Sinha, Sandeep Chaurasia and Abhijeet Marathe
107	Time Series with Sentiment Analysis for Stock Price Prediction	Vrishabh Sharma, Rajgauri Khemnar, Biju Mohan and Renu Kumari
149	Sentiment Analysis of Train Derailment in India: A Case Study from Twitter Data	Vartika Vartika, Ravinder Kumar, Yogita Yogita and Rama Krishna Challa
164	Food Survey Using Exploratory Data Analysis	Rayapati Ramya Sri, Shaik Isha Sanjida, Parasa Dhanush and Shahana Bano
29-9-2019 (2:30 PM – 4:45 PM) Room No. 23, Academic Block-2		
Session 9: Advancements in Smart Devices		
Paper ID	Title of the Paper	Author Name
78	Wideband Graphene Absorber for Effective Side lobe Suppression of Triangular Patch Antenna Array	Surekha Rani, Anupma Marwaha and Sanjay Marwaha
124	Design and Development of Semi-Automatic Electrical Incineration using Arduino	Ashya Chettri, Shristhi Shrestha, Kiran Tamang, Bandana Sharma, Phur Tshering Sherpa, Jus Bahadur Kami, Nitesh Kumar and Deepak Rasaily
130	Arduino-GSM Interfaced Secure and Smart Cabin for Smart Office	Donald Rai, Nitesh Kumar, Deepak Rasaily, Pravin Gurung, Tenzing Wangmu Tamang, Chandan Chettri, Palman Kami and Ganden Bhutia

191	Efficiency Analysis of Online Ticket Reservation System in Rajasthan State Road Transport Corporations (RSRTC) Using ITS & ICT Enabled Services	Mahendra Parihar and Varuni Sharma
199	Smart forklift to reduce accident	Pratiksha Patil, Vaishnavi Rajurkar, Aarti Salunke and Anton Pljonkin
200	Biometric Voting Machine Based on Fingerprint Scanner and Arduino	Atharva Jamkar, Omkar Kulkarni and Aarti Salunke
202	Line Following Robot using Arduino for Hospitals	Jagruti Chaudhari, Asmita Desai and Sushama Gavarskar
29-9-2019 (2:30 PM – 4:45 PM) Room No. 24, Academic Block-2		
Skype Session 3: Miscellaneous		
Paper ID	Title of the Paper	Author Name
77	Power Allocation Schemes for Implant Nodes in Cooperative Wireless Body Area Networks	Dr.Kiran Kumar Gurralla, Kasturi Sai Tejaswini, Uppara Prashanthi and Thota Gayathri
137	CDFM-based Secure & Efficient Architecture for Data Management in Cloud Computing	Muskaan Singh, Ravinder Kumar and Inderveer Chana
46	IoT Based Smart Home Automation Enabled with Manual Mode Switch Control	Anand Pratap Singh, Arghya Biswas and Brahmjt Singh
73	A Novel method for IDC Prediction in Breast Cancer Histopathology images using Deep Residual Neural Networks	Chandra Churh Chatterjee and Gopal Krishna
80	Forecasting the Trends and Patterns of Crime in Bangladesh using Machine Learning Model	Al Amin Biswas and Sarnali Basak
29-9-2019 (2:30 PM – 4:45 PM) Room No. 25, Academic Block-2		
Session 10: IOT and Wireless Communication		
Paper ID	Title of the Paper	Author Name
6	A Pragmatic Evaluation of 4G and 5G Wireless Networks in the Current Scenario	Kailash Aseri
9	Challenges in the Design of an IoT Testbed	Sasirekha Gvk, Adhisaya T, Aswini P, Jyotsna Bapat and Debabrata Das
14	Application of Natural Language Processing and IoTCloud in Smart Homes	Shubham Kumar, Shajulin Benedict and Srilakshmi Ajith
59	Novel Approach to Reduce the Replication of Information and to Increase the Reliability of End to End Data Transmission in WSN	Shilpa Choudhary, Awanish Kumar Kaushik, Lokesh Sharma and Arpana Mishra
63	Development of Smart Sole based Foot Ulcer Prediction System	Sucheta Kolekar, Radhika M. Pai and Manohara Pai M M
64	Temperature Profiling for Early Detection of Foot Complications	Sucheta Kolekar, Radhika M. Pai and Manohara Pai M M
96	A Sensor based Secured Health Monitoring and Alert Technique using IoMT	Surabhi Joshi and Sunil Joshi
176	Performance Analysis of Prediction Based Spectrum Sensing for Cognitive Radio Networks	Suddhendu Dasmahapatra, Sharanya Patnaik, Shivendra Nath Sharan and Mitali Gupta
205	IoT Based Automated Weather Report Generation and Prediction Using Machine Learning	Anubha Parashar

