



# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution, Affiliated to Anna University, Approved by AICTE,  
Accredited by NAAC with 'A+' Grade,  
Department of ECE, EIE & EEE - Accredited by NBA New Delhi, and Accredited by IET(UK),  
Sathyamangalam- 638 401, Tamilnadu, India



## First International Conference on Smart Technologies, Communication, and Robotics 2021 (IEEE-STCR 2021), 09 – 10 October 2021



### IEEE-STCR 2021 PAPER PRESENTATION SCHEDULE – DAY 2

Day 2			Date & Time :10.10.2021 & 11.15 AM to 2.30 PM	Track 1
<b>Coordinators:</b> Mr. Ajin R. Nair, Mr. N. Rishikesh, Mr. Ikram N <b>Session Chair(s):</b> Dr. K. Murugan, Dr N R Gayathri, Dr S Logeswari, Dr C Ramesh <b>NOTE:</b> Presentation Link: <a href="https://meet.google.com/btq-ehud-kpr">meet.google.com/btq-ehud-kpr</a>				
S.No	Paper ID	Authors	Title of the Paper	Date & Time
1	11	Hari Shruthi T K, Hema Latha A , Jothi Lakshmi M, Ganesh Babu C, Dinesh Kumar J R, Priyadharsini K	An Experiment Analysis on Tracking and Detecting the Vehicle Speed using Machine Learning and IOT	10.10.2021 & 11.15- 11.30 am
2	23	Bharat Singh, Ankit Vijayvargiya, Rajesh Kumar	Mapping Model for Genesis of Joint Trajectory using Human Gait Dataset	10.10.2021 & 11.30- 11. 45 am
3	25	Prashant Solanki, Sushila Palwe	Understanding Sentiments on Corona Vaccine using Social Media Analysis	10.10.2021 & 11.45- 12. 00 Noon
4	29	Litty Koshy, Ajay S, Akhil Paul, Hariharan V, Ashil Basheer	Video Forgery Detection using CNN layers	10.10.2021 & 12.00- 12. 15 pm
5	33	Mythili S, Nithya K, Kalamani M, Krishnamoorthi M	Predictive Analytics for Improving Physician Insights in Health Informatics	10.10.2021 & 12.15- 12. 30 pm
6	34	V.K.R.Rajeswari Satuluri, Vijayakumar Ponnusamy	Quantum-Enhanced Machine Learning.	10.10.2021 & 12.30- 12. 45 pm
7	140	Prabaharan Palanivelu, Rajeev Sukumaran, S Hemanth Kumar, D Venkata sai Jogarao	A Technical Literature on The Analysis of Biodiesel Fueled Engine using Artificial Neural Network(ANN)	10.10.2021 & 1.30- 1. 45 pm
8	152	Chinnadurrai CL, Ravindran S, Udaiyakumar S	Energy Management of a Microgrid based on LSTM Deep Learning Prediction Model	10.10.2021 & 1.45- 2. 00 pm
9	160	Kakunuri Venkata Ashok Reddy, Srujith Rao Ambati, Yennam Shiva Rithik Reddy, Agumamidi Nithish Reddy	AdaBoost for Parkinson's Disease Detection using Robust Scaler and SFS from Acoustic Features	10.10.2021 & 2.00- 2. 15 pm
10	164	Dhrumil Vinil Gala, Vaibhav Bharat Gandhi, Vedant Amit Gandhi, Vinaya Sawant	Drug Classification using Machine Learning and Interpretability	10.10.2021 & 2.15- 2. 30 pm



# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution, Affiliated to Anna University, Approved by AICTE,  
Accredited by NAAC with 'A+' Grade,  
Department of ECE, EIE & EEE - Accredited by NBA New Delhi, and Accredited by IET(UK),  
Sathyamangalam- 638 401, Tamilnadu, India



## First International Conference on Smart Technologies, Communication, and Robotics 2021 (IEEE-STCR 2021), 09 – 10 October 2021



### IEEE-STCR 2021 PAPER PRESENTATION SCHEDULE – DAY 2

Day 2			Date & Time :10.10.2021 & 11.15 AM to 2.30 PM	Track 2
<b>Coordinators:</b> Mr. S. Tamilselvan, Mr. M. Srinivasan, Mr. S. Sakthiya Ram <b>Session Chair(s):</b> Dr M Ramkumar, Dr S N Shivappriya, Dr. M. Pushpavalli, Dr. K. T. Maheswari, Mr. S. Sudhahar <b>NOTE:</b> Presentation Link: <a href="https://meet.google.com/psk-vkmu-icu">meet.google.com/psk-vkmu-icu</a>				
S.No	Paper ID	Authors	Title of the Paper	Date & Time
1	67	Malini M, Gopalakrishnan B, Dhivya K, Naveena S	Diabetic Patient Prediction using Machine Learning Algorithm	10.10.2021 & 11.15- 11.30 am
2	75	S.Saraswathi, M.Jenifer, K.P.Malarkodi, G.Sureka, P.Hiranya, S.Karthika	Automated Subjective Rejoinder Evaluator using Regression Model	10.10.2021 & 11.30- 11. 45 am
3	85	Raj Bharat Sangani, Apratim Shukla, Radhika Selvamani B	Comparing Deep Sentiment Models using Quantified Local Explanations	10.10.2021 & 11.45- 12. 00 Noon
4	89	Haripriya R, Gopalakrishnan B, Mohankumar V, Prawinsankar D	Predictive Analysis of Breast Cancer using Multiple Classification Algorithms	10.10.2021 & 12.00- 12. 15 pm
5	93	Gayathri K, Gopalakrishnan B, Renuga Devi S	Prediction of Traffic Congestion through Convolutional Neural Network	10.10.2021 & 12.15- 12. 30 pm
6	95	Bamrung Tausiesakul	Iteratively Reweighted Least Squares Minimization with Nonzero Index Update	10.10.2021 & 12.30- 12. 45 pm
7	172	Khush Mody, D. Malathi, J. D. Dorathi Jayaseeli	An Artificial Neural Network Approach for Classifying Cricket Batsman's Performance by Adam Optimizer and Prediction by Derived Attributes	10.10.2021 & 1.30- 1. 45 pm
8	182	Bharathi S, Hari K, Senthilarasi M, Sudhakar R	An Automatic Real-Time Face Mask Detection using CNN	10.10.2021 & 1.45- 2. 00 pm
9	192	Tamilselvan S, Saravana Kumar R, Priya J, Ramesh R	Covid Vaccination Analysis and Prediction using Machine Learning	10.10.2021 & 2.00- 2. 15 pm
10	200	Ganesh Babu C, Dinesh Kumar J R, Balaji V R, Priyadharsini K, Karthi S P	Performance Analysis of Smart Intravenous Infusion Systems using Machine Learning	10.10.2021 & 2.15- 2. 30 pm



# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution, Affiliated to Anna University, Approved by AICTE,  
Accredited by NAAC with 'A+' Grade,  
Department of ECE, EIE & EEE - Accredited by NBA New Delhi, and Accredited by IET(UK),  
Sathyamangalam- 638 401, Tamilnadu, India



## First International Conference on Smart Technologies, Communication, and Robotics 2021 (IEEE-STCR 2021), 09 – 10 October 2021



### IEEE-STCR 2021 PAPER PRESENTATION SCHEDULE – DAY 2

Day 2		Date & Time :10.10.2021 & 11.15 AM to 2.30 PM		Track 3
<b>Coordinators:</b> Mr. M. Pravin Savaridass, Mrs. R. Gayathri, Mrs. G. Nithya <b>Session Chair(s):</b> Dr. L. Arulmurugan, Mr. A. Daniel Raj, Dr. S. Elango, Dr. S. P. Prakash <b>NOTE:</b> Presentation Link: <a href="https://meet.google.com/ftt-kfwb-jak">meet.google.com/ftt-kfwb-jak</a>				
S.No	Paper ID	Authors	Title of the Paper	Date & Time
1	99	Haritha J, Rameswari R, Reakaa S D	A Study on Speech Emotion Prediction using Deep Learning Algorithm	10.10.2021 & 11.15- 11.30 am
2	112	Bamrung Tausiesakul	Iterative Hard Thresholding with Nonzero Index Initialization	10.10.2021 & 11.30- 11. 45 am
3	128	Sruthi K, Vijayakumar J, Thavamani S	Deep Learning based Automatic Detection of Cholesterol	10.10.2021 & 11.45- 12. 00 Noon
4	129	Poongodi Chenniappan, Saranya Rajan, Nirmala Madian, Deepa , Shoukath Ali K, Perarasi T	Geometric based Feature Extraction Techniques for Facial Expression Recognition using SVM	10.10.2021 & 12.00- 12. 15 pm
5	133	Akshada Kene, Shubhada Thakare	Mental Stress Level Prediction and Classification based on Machine Learning	10.10.2021 & 12.15- 12. 30 pm
6	135	Vedant Amit Gandhi, Vaibhav Bharat Gandhi, Dhruvil Vinil Gala, Prachi Tawde	A Study of Machine Translation Approaches for Gujarati to English Translation	10.10.2021 & 12.30- 12. 45 pm
7	24	Dhruv Gargi, Raghuvar Arora	SeqGAN-APG: Sequential Generative Adversarial Networks for Automatic Patch Generation	10.10.2021 & 1.30- 1. 45 pm
8	43	Gowthami M, Balaji K A, Kehkeshan Jallal S, Tony Aby Varkey	Performance Analysis of BER Employing OFDM POLSK with RoFSO System over Malaga Distribution	10.10.2021 & 1.45- 2. 00 pm
9	52	Prawinsankar D, Gunasekaran M, Gopalakrishnan B, Purusothaman P	Traffic Congestion Detection through Modified ResNet50 and Prediction of Traffic using Clustering	10.10.2021 & 2.00- 2. 15 pm
10	57	Sivasakthi T, Shivani V, Palani U, Vasanthi D, Roshini S, Saundariya K	Development of E-polling Website using MERN	10.10.2021 & 2.15- 2. 30 pm



# BANNARI AMMAN INSTITUTE OF TECHNOLOGY

An Autonomous Institution, Affiliated to Anna University, Approved by AICTE,  
Accredited by NAAC with 'A+' Grade,  
Department of ECE, EIE & EEE - Accredited by NBA New Delhi, and Accredited by IET(UK),  
Sathyamangalam- 638 401, Tamilnadu, India



## First International Conference on Smart Technologies, Communication, and Robotics 2021 (IEEE-STCR 2021), 09 – 10 October 2021



### IEEE-STCR 2021 PAPER PRESENTATION SCHEDULE – DAY 2

Day 2			Date & Time :10.10.2021 & 11.15 AM to 2.30 PM	Track 4
<b>Coordinators:</b> Mr. V. Baranidharan, Mr. V. Vaideeswaran, Ms. K. Ramya <b>Session Chair(s):</b> Mr T Rajesh, Mrs. M. Kalaiarasi, Dr. A. John Clement Sunder, Mr. Sajan P Philip <b>NOTE:</b> Presentation Link: <a href="https://meet.google.com/svq-baix-uaa">meet.google.com/svq-baix-uaa</a>				
S.No	Paper ID	Authors	Title of the Paper	Date & Time
1	180	Hemalatha A, Vijayakumar J	Automatic Tomato Leaf Diseases Classification and Recognition using Transfer Learning Model with Image Processing Techniques	10.10.2021 & 11.15- 11.30 am
2	197	Gnanaprakash V, Vanathi P T, Suresh G	Performance analysis of Improved Particle Swarm Optimization for Fabric Defect Detection	10.10.2021 & 11.30- 11.45 am
3	145	Harikumar Rajaguru, Nirmalakumari K, Rajkumar P	Prominent Gene Selection and Classification of Colorectal Cancer using Microarray Data	10.10.2021 & 11.45- 12.00 Noon
4	173	S.N.Shivappriya, Harikumar Rajaguru, M. Ramya, U. Asiyabegum, D. Prasanth	Disease Prediction based on Retinal Images	10.10.2021 & 12.00- 12.15 pm
5	178	Kalaiyarasi M, Kaushik S, Saravanan R	Infant Health Monitoring and Security System using IoT	10.10.2021 & 12.15- 12.30 pm
6	189	R.Karthikamani, Harikumar Rajaguru	IoT based Smart Irrigation System using Raspberry Pi	10.10.2021 & 12.30- 12.45 pm
7	61	Priyadharshini R, Geetha G	An overview of DAPSK – OFDMA – Fundamentals and Design Considerations	10.10.2021 & 1.30- 1.45 pm
8	106	Shoukath Ali K, Perarasi T, Poongodi C, Deepa D, Sampath P	Approximate Message Passing for mm Wave massive MIMO Architecture using Optimal Hybrid Precoder/Combiner	10.10.2021 & 1.45- 2.00 pm
9	122	Sivasakthi T, Roshini S, Shivani S, Saundariya K, Saran M, Saran narayana samy K	BER Minimized Beamforming Technique for VLC Multiuser MIMO	10.10.2021 & 2.00- 2.15 pm
10	124	Senthil Kumaran R, Loga K, Arul Pugazhendhi M, Saundariya K	Security Techniques in Wireless Sensor Networks - A Comprehensive Survey	10.10.2021 & 2.15- 2.30 pm

*Dr Poongodi C*  
*Professor & HoD-ECE*  
*Conference Chair, IEEE-STCR-2021*

*Dr Ganesh Babu C*  
*Professor & HoD-EIE*  
*Conference Chair, IEEE-STCR-2021*