

# LIST OF ACCEPTED PAPERS AT UPCON - 2021 (NOV 11- 13, 2021)

S. No.	Paper ID	Paper Title	Author Names	Primary Contact Author Email
1	2	Spam E-mail Identification Using Blockchain Technology	Suman Kumar Das (Zensar Technologies)*	suman.das@zensar.com
2	7	FPGA BASED AIR QUALITY MONITORING SYSTEM	Abhishek Jaiswal (ABES Engineering College); Animesh Mishra (ABES Engineering College); Raman Kapoor (ABES Engineering College)*; sanjay singh (abes)	raman.kapoor@abes.ac.in
3	8	Machine Learning Technique for Facial Recognition and Patterns	Govinda Agarwal (Galgotias University - Student)*; Udit Raj Singh (Galgotias University - Student); Prerna Sharma (Galgotias University - Student)	govindaagarwal2999@gmail.com
4	11	Star Classification using Machine Learning	Namrata Dhanda (Amity University Uttar Pradesh Lucknow)*; Nimit Srivastava (Amity University Uttar Pradesh Lucknow)	ndhanda510@gmail.com
5	20	Band Selection for Hyperspectral Images using Firefly Algorithm	JATIN CHOPRA (AMITY UNIVERSITY, NOIDA)*; SMRITI SEHGAL (AMITY UNIVERSITY, NOIDA)	jatinchopra3@gmail.com
6	21	Fake News Detection Using Machine Learning	MOHAMMAD UMAIR (Galgotias University)*; SHIVAM PATHAK (Galgotias University)	mohdumair847@gmail.com
7	28	Bandwidth Enhancement of Compact Printed Super Wide Band Antenna with Space Filling Slots for Microwave Applications	NAINERI SUGUNA (VIT UNIVERSITY)*	reachsuguna@gmail.com
8	45	Blockchain for Electronic Health Records via Proof-Of-Stake	Mubashshira Farooqui (Galgotias University)*; Om Singh (Galgotias University); Sagar Kumar (Galgotias University)	mubashshira.farooqui2000@gmail.com
9	47	An Extensive Review on Microgrid Protection Issues, Techniques and Solutions	Ekta Gairola (NIT Uttarakhand)*; Mahiraj Singh Rawat (N.I.T Uttarakhand)	gairolaekta@gmail.com
10	52	ACCIDENT- AVOIDANCE SYSTEM DUE TO SOMNOLENCE AND ALCOHOL FOR SAFE DRIVING	Sachin Khajuria (SRMIST)*; Balram Yadav (SRMIST); NITIN KUMAR (SRM IST NCR CAMPUS GHAZIABAD)	sachinkace@gmail.com
11	55	Face Authentication System Using LBPH Algorithm and Tkinter	Akash Pandey (Krishna Engineering College)*; Harshit Jain (Krishna Engineering College); Himanshu Tyagi (Krishna Engineering College); Harshita Sinha (Krishna Engineering College); Dr. Sonakshi Vij (Krishna Engineering College)	controlakash@gmail.com
12	57	A MATLAB Based Analysis of Image Segmentation Techniques	Ashwini Kumar (SRM Institute of Science & Technology); Sankalp Saxena (SRM Institute of Science & Technology)*; Vinod Kumar (SRM Institute of Science & Technology)	sankalp.gfit29@gmail.com
13	58	IOT Based Biometric Attendance System Using Cloud Computing	Utkarsh Likhari (Don Bosco Institute of Technology)*	utkarshlikhari@gmail.com
14	60	Detection of Lung Cancer Pulmonary Nodules Using Computer Aided Detection System	Aparna M Harale (AISSMS IOIT)*	aparna.harale@gmail.com
15	62	Intelligent Distributed Method to Secure Stored Data in Cloud Computing	Siddharth Mr. Pokhriyal (Krishna Engineering College, Ghaziabad)*; Rashmi Sharma (Krishna Engineering College, Ghaziabad)	Siddharth7pokhriyal@gmail.com
16	67	IoT Enabled Cost-Effective Integrated Industrial Automation For FMCG Industry	KINGSUK BAG (IIIT ALLAHABAD)*; Shivam Vaishampayan (IIIT ALLAHABAD); Shakti Majhwar (IIIT ALLAHABAD); Manish Goswami (Indian Institute of Information Technology); Kavindra Kandpal (Indian Institute of Information Technology Allahabad)	iec2018001@iiita.ac.in
17	68	Multivariate Air Pollution Levels Forecasting	Sandeep Kumar Singh (NIT Hamirpur)*; Kashish Wattal (NIT Hamirpur)	sksingh@nith.ac.in
18	69	Expert Monitoring System for Online Sessions Employing ResNet	Dr Pooja Khanna (Amity University ); Yashi Srivastava (Amity University); Sachin Kumar (Amity University)*	skumar3@lko.amity.edu

19	74	A Non-conventional Review on Image Fusion Techniques	Prabhishek Dr. Singh (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida); Manoj Diwakar (graphic era deemed to be university dehradun); Alakananda Chakraborty (Amity University)*; Muskan Jindal (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India); Eshan Bajal (Amity)	alaka2198@gmail.com
20	75	Emotion Analysis for predicting the emotion labels using Machine Learning approaches	Tanya Sharma (graphic era deemed to be university dehradun); Manoj Diwakar (graphic era deemed to be university dehradun)*	manoj.diwakar@gmail.com
21	76	A review on EEG based Emotion Analysis using Machine Learning approaches	Tanya Sharma (graphic era deemed to be university dehradun); Manoj Diwakar (graphic era deemed to be university dehradun)*	manoj.diwakar@gmail.com
22	77	Online education in Covid-19: Limitations and improvements	Muskan Jindal (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida, India); Eshan Bajal (Amity); Prabhishek Dr. Singh (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida)*; Manoj Diwakar (graphic era deemed to be university dehradun); Kanika Sharma (IMS Noida)	prabhisheksingh88@gmail.com
23	78	A review on multiple facets of Indian Road safety- classification, challenges and future scope	Muskan Jindal (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida); Prabhishek Dr. Singh (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida)*; Eshan Bajal (Amity); Shilpi Singh (Amity University Patna); Manoj Diwakar (graphic era deemed to be university dehradun)	prabhisheksingh88@gmail.com
24	80	Electric Vehicle Charging Standards in India and Safety Consideration	SAKSHI CHALIA (Delhi Technical University)*; AAKASH KUMAR SETH (DELHI TECHNOLOGICAL UNIVERSITY); Mukhtiar Singh (DELHI TECHNOLOGICAL UNIVERSITY)	sakshichalia_2k20pes18@dtu.ac.in
25	82	Deep Learning based framework for Electricity Demand Forecasting in Himachal Pradesh	Divya Verma (National Institute of Technology Hamirpur)*; Dr. Ashok kumar (NIT-Hamirpur)	ec16mi451@nith.ac.in
26	88	Fake news detection by using ML	Akash Gupta (Galgotias University)*	ag2443593@gmail.com
27	89	Design and Development of Automatic Water Overflow Control Unit using E-Tap	Tulasi Krishna Gannavaram V (Kakatiya Institute of Technology and Science, Warangal)*; Saideep Sunkari (Kakatiya Institute of Technology and Science, Warangal); Rahul Bejgam (Kakatiya Institute of Technology and Science, Warangal ); Sai Bhatt Keshipeddi (Kakatiya Institute of Technology and Science, Warangal); Arun Reddy Ette (Kakatiya Institute of Technology and Science, Warangal); Raviteja Sangem (Sreenidhi Institute of Science and Technology Hyderabad)	tulasigt@gmail.com
28	96	Prediction of Stock Price Using Statistical and Ensemble learning Models: A Comparative Study	Vrince Vimal (Graphic Era Hill University)*; Ayushman Durgapal (Sardar Vallabhbhai National Institute of Technology, Surat)	vvimal@ec.iitr.ac.in
29	97	Selfish Attacks in Edge Intelligence and its detection methods	Aditya Tandon (Krishna Engineering College)*; Dr Varsha (CT Institute of Engineering, Management and Technology)	askaditya@ieee.org
30	98	Probabilistic Modeling of Human Locomotion for Biped Robot Trajectory Generation	Bharat Singh (MNIT Jaipur)*; Vishu Gupta (Malaviya National Institute of Technology Jaipur); Rajesh Kumar (MNIT)	bharatsingh1942@gmail.com
31	103	Tomato leaf disease detection and classification based on deep convolutional neural networks	Priyanka Pradhan (M.J.P.Rohilkhand University)*	priynka.mjpru@gmail.com
32	104	A Circularly Polarized Swastika Shaped Crossed Dipole Antenna for Cubesat	Prashant Shah (National Institute of Technology Hamirpur)*; SAURABH KUMAR (NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.))	prashantshah070@gmail.com
33	106	A review of Neural Machine Translation using deep learning techniques	Sonali Sharma (graphic era deemed to be university dehradun); Manoj Diwakar (graphic era deemed to be university dehradun)*	manoj.diwakar@gmail.com
34	113	IOT Based System for Crop Prediction and Irrigation Control	Kavita Pandey (Jaypee Institute of Information Technology, Noida)*; Aman Patel (Jaypee Institute of Information Technology, Noida); Harsh Yadav (Jaypee Institute of Information Technology, Noida); Piyush Saraswat (Jaypee Institute of Information Technology, Noida)	kavita.pandey@jiit.ac.in

35	114	Simulation of Pilot Behavior in Air to Ground Combat using Deep Reinforcement Learning	Prabhishek Dr. Singh (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida)*; HIMANSHU TRIPATHI (Raj Kumar Goel Institute of Technology); Yajush Pratap Singh (Amity School of Engineering and Technology, Amity University Uttar Pradesh, Noida); Manoj Diwakar (graphic era deemed to be university dehradun)	prabhisheksingh88@gmail.com
36	115	Fault Location Estimation Algorithm using Local End Data for Transmission Line	Snehalatha _ (National Institute of Technology, Uttarakhand)*; Suryanarayana Gangolu (Nit Uttarakhand)	mt20eee003@nituk.ac.in
37	116	Computer Vision and Deep Learning-based Framework for Cattle Monitoring	Anurag Tiwari (Chitkara University); Kavita Sachdeva (Chitkara University); Neha Jain (Chitkara University)*	neha.jain@chitkara.edu.in
38	117	CPU Branch Prediction Using Perceptron	Akash D Halke (College of Engineering Pune)*; Ashwini Kulkarni (College of Engineering Pune)	halkead19.extc@coep.ac.in
39	118	Current Mode Filters for CMOS Technology using MOSFETs only	ROHIT KUMAR GUPTA (NETAJI SUBHAS INSTITUTE OF TECHNOLOGY)*	rohitgupta123946@gmail.com
40	120	Modern Technology for Evolving Mass Public Transportation in Cities	Sumit Gaur (ADGITM)*; Rishabh Jain (Dr. Akhilesh Das Gupta Institute of Technology & Management); Shagun Saboo (ADGITM); Aditya Srivastava (ADGITM)	sumit.gaur1999@gmail.com
41	123	Detection of Alcohol Using PCF Sensor with High Relative Sensitivity in THz Region	Soundarya Ramalingam (IFET College Of Engineering)*; Elizabeth Caroline (IFET College Of Engineering)	soundarya2105.r@gmail.com
42	124	Comparative Assessment among Different Convolutional Neural Network Architectures for Alzheimer's Disease Detection	Gargi Sharma (Centre for Converging Technologies)*; Ankit Vijayvargiya (Malaviya National Institute of Technology); Rajesh Kumar (MNIT, Jaipur)	sharmagargi200@gmail.com
43	127	Automated Generated Binaural Beats Using EEG: A User-Friendly Auditory Brain-Computer Interface	Shagun Saboo (ADGITM)*; Swati Negi (adgitm); Rishabh Jain (Dr. Akhilesh Das Gupta Institute of Technology & Management); Shobhit Kwatra (ADGITM)	shagun.saboo98@gmail.com
44	129	An Energy Scheduling Algorithm for Commercial Loads Integrated with Wind Energy and Energy Storage System	Manish Sharma (National Institute of Technology, Kurukshetra, India)*; Sandeep Kakran (NIT Kurukshetra)	conveytomanish@gmail.com
45	130	Modeling and Analysis of MRAS based Speed Sensorless Control for PMSM Drive	VISHAL JOSHI (Indian Institute of Technology Roorkee); Jeevanand Seshadrinath (IIT Roorkee); Harshit Mohan (IIT Roorkee)*	hmohan@ee.iitr.ac.in
46	131	Optimized method of subset generation for ensemble classification	Kaustubh Agarwal (Netaji Subhas University of Technology)*; Priyavrata Bansal (Netaji Subhas University of Technology); Anand Gupta (NSIT Delhi)	kaustubh.co19@nsut.ac.in
47	132	Real-time Mitigation of Effects of False Data in Smart Grid : A Data Diode Approach	Debottam Mukherjee (Indian Institute of Technology (BHU) Varanasi)*; Basant Kumar Sethi (Indian Institute of Technology (BHU) Varanasi); Samrat Chakraborty (National Institute of Technology Arunachal Pradesh); Ramashis Banerjee (National Institute of Technology, Silchar); Pabitra Kumar Guchhait (Bengal College of Engineering and Technology, Durgapur); Joydeep Bhunia (Punjab Engineering College)	debottammukherjee4@gmail.com
48	134	A Novel Mechanism for Development of Intrusion Detection System with BPNN	SONALI DEEPAK TANGI (JAYAWANTRAO SAWANT POLYTECHNIC)*; Pramod Kumar (Krishna Engineering College ,Ghaziabad); Dr,Mrunal Bewoor (BharatiVidyapeeth (Deemed to be University) College of Engineering Pune.)	sonalitangi@gmail.com
49	135	Ubiquitous Control Structure and it's Comprehensive Application subject to Controller Performance	Ravishankar P Desai (BITS Pilani K K Birla Goa Campus Goa)*	p20180019@goa.bits-pilani.ac.in
50	140	Algorithm Visualizer : Its features and working	Barnini Goswami (Krishna Engineering College)*; Akash Gupta (Krishna Engineering College); Anushka Dhar (Krishna Engineering College); Anriksh Gupta (Krishna Engineering College); Anshika Agarwal (Krishna Engineering College)	barninigoswami@gmail.com
51	141	Automated system for preventing suicides by train	Kaustubh Agarwal (Netaji Subhas University of Technology)*	kaustubh.co19@nsut.ac.in
52	142	Backstepping Boundary Control for first-order Hyperbolic PDEs on Inverted Pendulum Stabilization with Constant Input Delay	Arnab Pal (National Institute of Technology Rourkela)*; Ramashis Banerjee (National Institute of Technology, Silchar); Debottam Mukherjee (Indian Institute of Technology (BHU) Varanasi); Samrat Chakraborty (National Institute of Technology Arunachal Pradesh); Pabitra Kumar Guchhait (Bengal College of Engineering and Technology, Durgapur); Joydeep Bhunia (Punjab Engineering College)	amiarnab007@gmail.com

53	144	Visual Perception Stack for Autonomous Vehicle Using Semantic Segmentation and Object Detection	Tarun Tiwari (MVJ College of Engineering)*	tarun12191998@gmail.com
54	145	Photovoltaic Module Efficiency Improvement via Integration of Water Fountain	Rohan Singh (KIET Group of Institutions, Ghaziabad)*; NITISH KUMAR (KIET GROUP OF INSTITUTIONS); Shubham Patel (KIET Group of Institutions, Ghaziabad); Rituraj Singh (KIET Group of Institutions, Ghaziabad); Brijesh Singh ("KIET Group of Institutions, Ghaziabad"); ARVIND DHINGRA (Guru Nanak Dev Engineering College)	vpr.rohan.rs77@gmail.com
55	146	Vision based Human Activity Recognition using Deep Transfer Learning and Support Vector Machine	Kamal Kant Verma (Uttarakhand Technical University)*; Brij Mohan Singh (College of Engineering Roorkee)	kkv.verma@gmail.com
56	151	Modified Selective Kernel Networks and Application in Classification	Rushi Vyas (IIIT Alahabad)*; Satish Kumar Singh (IIIT Alahabad)	rushiv0609@gmail.com
57	152	MATEM - A Multi-Agent based Trust Evaluation Model for discovery and delivery of reliable Cloud Services	Shivani Jaswal (Chandigarh University)*	uic.shivanijaswal@gmail.com
58	154	Impact of Hybridization of Deep Learning Models for Temporal Data Learning	Brijendra Singh (University of Lucknow, Lucknow); RASHI JAISWAL (University of Lucknow, Lucknow)*	rashijaiswalphd@gmail.com
59	157	Realization of 1Tbps FSO/OWC based inter satellite link using DP-QPSK for next generation LEO satellite internet system	Priyanshu Kumar Pandey (IET, Dr. Rammanohar Lohia Avadh University Ayodhya)*; Shiksha Jain (IET, Dr. Rammanohar Lohia Avadh University Ayodhya ); Parimal Tiwari (IET, Dr Rammanohar Lohia Avadh University Ayodhya )	hipriyanshu@gmail.com
60	160	Performance Analysis of Various Supervised Binary Classification Algorithms and their Optimized Variants on High-Dimension Limited-Sample-Size Data	Rohan K Lala (Kalinga Institute of Industrial Technology)*	1906195@kiit.ac.in
61	162	A review on Finger vein based Recognition	Ajai kumar Gautam (DTU Delhi)*	ajai.gautam@gmail.com
62	164	NSCT-DCT based Fourier Analysis for Fusion of Multimodal Images	Mayukhmala Jana (University of Calcutta)*; Subhosri Basu (University of Calcutta); Arpita Das (Calcutta University)	mayukhmala2019@gmail.com
63	166	Cancer Detection using Artificial Neural Networking Techniques: A Study	Ajay Sudhir Bale (CMR University)*	ajaysudhirbale@gmail.com
64	169	Performance Evaluation : Anti-windup Two-loop PID Controller for Rotary Single Inverted Pendulum	Sandeep Pandey (Thapar Institute of Engineering and Technology)*; PRAKASH DWIVEDI (NIT UTTARAKHAND); Deepak Mishra (IMU, Kolkata)	sandeep.pandey@thapar.edu
65	173	Design of Non-Uniform Circularly Polarized Dipole Antenna Array for P-Band Applications	N Soujanya (RV College of engineering); Mahesh A (Rv College Of Engg)*	mahesha@rvce.edu.in
66	174	Smart Glass for Visually Impaired	Prajwal B (St Joseph Engineering College, Mangaluru)*; Chaitra U (SJEC); Naveen Shervin Dsouza (St Joseph Engineering College); P Sanath Kumar (St Joseph Engineering College Manglore); Anish . (St Joseph Engineering College, Mangaluru )	prajwalbadaje@gmail.com
67	175	Chaos based pseudo random number generator	vikram singh (IIT BHU, VARANASI)*	vikramsingh.ece19@itbhu.ac.in
68	176	Autonomous Braking Technology using Machine learning and data science	Abhishek Malhotra (SRM IST)*; Rohan Sharma (SRM IST)	abhishekmalhotraa12@gmail.com
69	178	Hybrid Recurrent Deep Learning Model for DeepFake Video Detection	Gaurav Jaiswal (University of Lucknow)*	gauravjais88@gmail.com
70	180	ResCNN: An alternative implementation of Convolutional Neural Networks	Avirup Dey (Jadavpur University)*; Sarosij Bose (University of Calcutta, Technology Campus)	avirupju@outlook.com
71	181	Grid Connected Hybrid Generation using PV, Battery and Biogas	PRASHANT KUMAR (MOTILAL NEHRU NIT ALLAHABAD); KUNDAN ANAND (Netaji Subhas University Of Technology Delhi)*; DINESH KUMAR SINGH (MOTILAL NEHRU NIT ALLAHABAD); Navneet Kumar Singh (MNNIT Allahabad); Asheesh Kumar Singh (MNNIT)	kundanand000@gmail.com

72	182	Audio-augmentation based Badminton System for Visually Impaired Person	SAHABZADA BETAB BADAR (TULAS INSTITUTE)*; Sachin Chaudhary (TULAS INSTITUTE); Sohavan Kumar (TULAS INSTITUTE); Zahid Ansari (TULAS INSTITUTE); Deepak Sharma (TULAS INSTITUTE); Shashi Ranjan (TULAS INSTITUTE); Prabhanshu Kumar (TULAS INSTITUTE); Sushivam Singh (TULAS INSTITUTE)	badar111222@gmail.com
73	184	A Two-port Crescent Shaped Dual-band Reject Diversity Antenna Performance for UWB-MIMO Applications	Megha Agarwal (Indira Gandhi Delhi Technical University For Women)*; Jasdeep Kaur Dhanoa (IGDTUW); Mukesh Kumar Khandelwal (Jawaharlal Nehru University)	meghaagarwal.87@gmail.com
74	185	Power Line Communication Parameters in Smart Grid for Different Power Transmission Lines	Latha N (REVA University)*	latha.sri3029@gmail.com
75	186	Dynamic Hand Segmentation	Yashvardhan C N (Siddaganga Institute of Technology)*; Sneha S (Siddaganga Institute of technology); Ishwarya P (Siddaganga Institute of Technology); Chandana N Aithal (Siddaganga Institute of Technology); Suresh K V (Siddaganga Institute of Technology); Dayananda Kumar NC (Siddaganga Institute of Technology)	yashvardhancn44@gmail.com
76	189	Data Analytics Techniques for Internet of Things Generated Data: A Survey	Rajesh Dutta (National Institute of Technical Teachers Training and Research, Bhopal)*	rajeshdutta1@outlook.com
77	190	Comparative Performance Analysis on Passive and Active Balancing of Lithium-Ion Battery Cells	Rushali R Thakkar (Sardar Patel Institute of Technology)*	rushalithakkar@gmail.com
78	193	Accelerating Side Channel Attack using Normalized Inter Class Variance	Arvind Kr Singh (SAG, DRDO)*	arvindkums@yahoo.com
79	196	Optimal Design of Thermionic Generator for High Power and High Efficiency Applications	Irene Jacob (MNIT, Jaipur)*; Ravita Lamba (MNIT, Jaipur); Rajesh Kumar (MNIT, Jaipur)	2020psm5563@mnit.ac.in
80	200	SMART LIGHTING SYSTEM USING ARDUINO	Prateek Sharma (Shri Mata Vaishno Devi University); Vijay Kumar (Shri Mata Vaishno Devi University)*; Kamaldeep Boora (Shri Mata Vaishno Devi University)	18bee034@smvdu.ac.in
81	203	PV Module Reconfigurable Approach using SM for Power Loss Reduction under Detrimental Shadowing Conditions	Stephen Oko Gyan Torto (University of Petroleum and Energy Studies ); Rupendra Kumar Pachauri (University of Petroleum and Energy Studies)*; Ahmad Faiz Minai (Integral University); Ahmad Khubaib Minai (Integral University); Sandeep Rawat (University Polytechnic, Uttaranchal University, Dehradun)	rpachauri@ddn.upes.ac.in
82	204	Deep Learning Based Image Segmentation Directly in the JPEG Compressed Domain	Ashutosh singh (IIIT Allahabad)*; Bulla Rajesh (Indian Institute of information technology, Allahabad); Dr. Mohammed Javed (Department of IT, IIIT Allahabad)	ashu9315588@gmail.com
83	205	Humanoid Robot With Voice Recognition and Automatic Sparaying Mechanism	kamlesh kukreti (Graphic Era(Deemed to be University))*	kamlesh.kukreti23@gmail.com
84	212	Performance Evaluation of Supercapacitor Integrated Storage Unit in Standalone Microgrid System	Shashwat Dwivedi (KIET GROUP OF INSTITUTIONS)*; Akash Tripathi (KIET Group of Institutions, Ghaziabad); Brijesh Singh ("KIET Group of Institutions, Ghaziabad"); Ajit Kumar (PTC India Ltd)	shashwat.dwivedi@ieee.org
85	214	Energy Based Fault Detection Scheme for Hybrid Microgrid	Sonalika Singh (Nit Allahabad)*; Saumendra Sarangi (MNNIT, Allahabad)	sonalika.singh2013.ss@gmail.com
86	216	Computation of Secrecy and Outages for Hybrid FSO/RF System with Modified Switching	HIMANI MEHTA (NETAJI SUBHAS UNIVERSITY OF TECHNOLOGY, DWARKA, DELHI-110078)*; Sujata Sengar (Professor (NSIT Delhi))	mehtahimani5@gmail.com
87	219	Covicare- Smart Check of Covid beds	Jaya Sai Sowmya Vaishnavi Mamidi (Velagapudi Ramakrishna Siddhartha Engineering College)*; Sriram Pulivarthi (Velagapudi Ramakrishna Siddhartha Engineering College); Sandeep Vemuri (Velagapudi Ramakrishna Siddhartha Engineering College); Harsha Vardhan Govada (Velagapudi Ramakrishna Siddhartha Engineering College); Aswini Uppalapu (Velagapudi Ramakrishna Siddhartha Engineering College)	mjssvaishu123@gmail.com
88	221	An Energy-Efficient Wireless Sensor Networks Approach based on ADV-LEACH2 Clustering Protocols for Heterogeneous and Homogeneous	NITIN KUMAR (SRM IST NCR CAMPUS GHAZIABAD)*	nitindhama85@gmail.com

89	224	Wireless Sensor Network (WSN) for Intrusion Monitoring in Military Surveillance Applications with Deep Learning for Multiple Object Detection and Tracking	Chaitanya V Mahamuni (Amity University Mumbai)*	cvmahamuni@mum.amity.edu
90	228	Software reliability prediction using data abstraction and Random forest Algorithm	mayuri h molawade (bvucoep)*	amayu9@gmail.com
91	232	Diagnosing Mental Health Patient While Maintaining Anonymity	Rithik Gandhi (ADGITM)*; Shagun Saboo (ADGITM); Srishti Gupta (ADGITM); Isha Nailwal (GGSIPU); Sameer Rana (ADGITM )	rithgan07@gmail.com
92	235	Application of Industry 4.0 Technology and Internet of Things in Power Transmission Protection, Monitoring and Asset Management	VIVEK KAPIL (GALGOTIAS UNIVERSITY)*; Sheetla Prasad (Galgotias University, Greater Noida)	vivek.kapil_phd2019@galgotiasuniversity.edu.in
93	236	The Need and Status of Sea Turtle Conservation and Survey of Associated Computer Vision Advances	Aditya Jyoti Paul (Cognitive Applications Research Lab)*	aditya_jyoti@srmuniv.edu.in
94	237	Machine Learning Advances aiding Recognition and Classification of Indian Monuments and Landmarks	Aditya Jyoti Paul (Cognitive Applications Research Lab)*; Smaranjit Ghose (Cognitive Applications Research Lab); Kanishka Aggarwal (Cognitive Applications Research Lab); Niketha Nethaji (Cognitive Applications Research Lab); Shivam Pal (Cognitive Applications Research Lab); Arnab Dutta Purkayastha (Cognitive Applications Research Lab)	aditya_jyoti@srmuniv.edu.in
95	239	Cloud Computing Model For Education Sector	Laxmi Ahuja (Amity University)*; Aditya Rana (JUET GUNA (MP) INDIA)	laxmiahuja1908@gmail.com
96	243	MMQSG Based Power Quality Improvement of Three Phase Solar Energy Conversion System	Tripurari Nath Gupta (NIT Uttarakhand); Rituvic Pandey (NIT Uttarakhand)*	rituvicpandey027@gmail.com
97	246	Locating restrooms for Specially-Abled people using Artificial Intelligence and Machine Learning	Srishti Gupta (ADGITM)*; Pragati Raizada ( ADGITM); Shagun Saboo (ADGITM)	guptasrishti324@gmail.com
98	247	AI-Enabled Computational Techniques for Cancer Diagnosis	Priya Bhardwaj (The ICFAI University Dehradun)*; Gaurav Bhandari (The ICFAI University Dehradun); Yogesh Kumar (Indus University Ahmedabad)	priyabhardwaj_21@yahoo.co.in
99	248	A Synoptic Review on Feature Selection and Machine Learning models used for Detecting Cyber Attacks in IoT	Balaganesh Bojarajulu (Amity University)*; SARVESH TANWAR (Amity University Uttar Pradesh, Noida, Uttar Pradesh, India); AJAY RANA (Amity University Uttar Pradesh, Noida, Uttar Pradesh, India)	balaganesh.bojarajulu@s.amity.edu
100	250	Control Strategy of Photovoltaic and Energy Storage Integrated Rooftop Generation System in Residential Building Cluster	Yashi Singh (IITD)*	iyashi.singh@gmail.com
101	252	A Bottom-Up Approach applied to Dependency Parsing in Malayalam Language	Sindhya K (SSET, Karukutty)*; Summayya Suhail (SSET, Karukutty)	sindhyak@yahoo.com
102	253	Asymmetric Encryption of Surveillance Videos for Adaptive Threshold based Moving Object Detection	CHANDAN KUMAR (NITTTR, Bhopal)*; SHAILENDRA SINGH (NITTTR, Bhopal)	mckv.chandan@gmail.com
103	254	ANN and PSO based Approach for Solar Energy Forecasting: A Step Towards Sustainable Power Generation	Md Tabish Ansari (Delhi Technological University)*	authentictabish@gmail.com
104	259	Software-Defined Networking: A Traffic Engineering Approach	Shanu Bhardwaj (Delhi Technological University)*; Ashish Girdhar (Delhi Technological University)	shanubhardwaj1@gmail.com
105	260	A Novel Isolation Reconfigurable Compact Four-Port MIMO Antenna for 5.2/5.8 GHz Bands of WLAN Application	Kabir Das Ayinala (National Institute of Technology Rourkela)*	518ee7017@nitrkl.ac.in
106	261	A 7.2kW Off-Board EV Charger Based on Vienna Rectifier and FB-LLC Resonating Converter	Saran Chaurasiya (IIT Delhi)*; Bhim Singh (Indian Institute of Technology Delhi)	saran.99chaurasiya@gmail.com

107	263	Environmental and Social Aspects of Microgrid Deployment- A Review	Dr. Abhinav Saxena (JSS Academy of Technical Education Noida)*; Gurulingappa M Patil (JSS Academy of Technical Education, Noida); NIRMAL KUMAR AGARWAL (JSS Academy of Technical Education, Noida); Anushka Singh (JSS Academy of Technical Education); Anurudh Kumar (JSSATE Noida); Anushika Nagvanshi (JSSATE Noida); Aniket Raj (JSSATE Noida)	abhinaviitroorkee@gmail.com
108	265	Prediction of the Target User Segment for Paid Advertisement	Seema Shukla (JSS Academy Of Technical Education, Noida)*; Ayush Garg (JSS Academy Of Technical Education, Noida); Naina Kapil (JSS Academy Of Technical Education, Noida)	seemashukla@gmail.com
109	270	POWER OPTIMIZATION ANALYSIS OF DIFFERENT SRAM CELLS USING TRANSISTOR STACKING TECHNIQUE	sneha kotha (VNRVJIET)*; Ramanakumari jlv (VNRVJIET); Asha Rani M (JNTUH, Hyderabad); Balaji N (JNTU-K,Kakinada)	snehareddy17979@gmail.com
110	273	Analysis of Switched Capacitor Buck Converter using Sampling Frequency Control Method	Sunita M.S (PES University)*; Dhanush Abhinand R B (PES University); LIKHITH KUMAR SHETTY (Pes university); Shashidhar S Tantry (PESIT - Bangalore South Campus)	sunitha@pes.edu
111	274	Removal of Noise from ECG Signals using Residual Generative Adversarial Network	Mohebb Naaz (VNR VJIET)*	mohebbanaaz@gmail.com
112	275	Incentive-Based Flexibility Provision in Centralized Home Energy Management System	SURAJ KUMAR GADARI (IIT Roorkee)*; Deep Kiran (IIT Roorkee); Rinkesh Meena (NIT Kurukshetra)	suraj_g@ee.iitr.ac.in
113	277	Sensor-less Speed Control of Ventilation System Using Extended Kalman Filter For High Performance	Prince Kumar (Indian Institute of Technology (Indian School of Mines))*; Ananda Shankar Hati (Indian Institute of Technology (Indian School of Mines))	prnckumar890@gmail.com
114	279	A Hybrid Approach for Enhancement of the ECG signal	Kavya Atluri (SRM Institute of science and technology)*; L.V.Rajani Kumari (VNR VJIET)	atluri.kavya@gmail.com
115	281	Frequency regulation of isolated microgrid using disturbance observer-based robust controller	Dipayan Guha (MNNIT Allahabad)*; Harshit Garg (MNNIT Allahabad); Ayush Srivastava (MNNIT Allahabad)	dipayan@mnnit.ac.in
116	282	Cuckoo Search Algorithm and Artificial Neural Network-based MPPT: A Comparative Analysis	Shoeb Azam Farooqui (National Taiwan University of Science and Technology); Rashid Ahmed khan (National Taiwan University of Science and Technology)*; Noorul Islam (Aligarh Muslim University); Naeem Ahmed (Aligarh Muslim University)	rashidkhan6417@gmail.com
117	283	Detection of Sleep Apnea From ECG Signal Using Various Machine Learning Algorithms	Tarakeswar Nallamothu (SRM Institute of Science and Technology)*; L.V.Rajani Kumari (VNR VJIET)	tarak0028@gmail.com
118	284	Employee Engagement and Turnover utilizing Logistic Regression	Firoz Hasan (Daffodil International University)*; Mr. Dewan Mamun Raza (Daffodil International University)	firoz.cse@diu.edu.bd
119	286	Coordinate-assisted Routing in a Biomedical Sensor Network with Schedule-based Dynamic Sink	Soumyak Chandra (University of Calcutta)*; Rajarshi Gupta (University of Calcutta)	soumyakchandra@outlook.com
120	289	Advanced Signal Processing Based Condition Monitoring of PMSM for Stator-inter Turn Fault	Khadim Moin Siddiqui (Shri Ramswaroop Group of Professional Colleges SRMGPC Lucknow)*; Farhad Ilahi Bakhsh (NIT, Srinagar); Rafik Ahmad (Babu Banarasi Das Institute of Technology & Management, Lucknow); Vikas Solanki (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab)	siddiquikhadim@srmcem.ac.in
121	291	Design and Cost Analysis of Grid Connected Hybrid Microgrid System	Pratiksha Gupta (Gautam Buddha University)*; M A Ansari (GBU Gr Noida); Ikbali Ali (Jamia Millia Islamia)	pratikshagupta31@gmail.com
122	295	Fake NEWS Detection Using BERT-VGG19 Multimodal Variational Autoencoder	Ramji Jaiswal (IIIT Allahabad)*; Upendra Pratap Singh (Indian Institute of Information Technology); Krishna Pratap Singh (IIIT Allahabad)	mit2019106@iiita.ac.in
123	297	High Voltage Gain PFC Converter Fed BLDC Motor Ceiling Fan	Amit Kumar (Indian Institute of Technology Delhi)*; Bhim Singh (Indian Institute of Technology Delhi)	amitjss786@gmail.com
124	298	Optimal Placement of PMUs Using State Estimation Constraints	Arpit Kumar (Indian Institute of Technology Roorkee)*; Deep Kiran (IIT Roorkee); Narayana Prasad Padhy (Indian Institute of Technology, Roorkee); Subham Ghosal (NIT DURGAPUR)	akumar3@ee.iitr.ac.in
125	299	Design and Analysis of Intelligent Traffic Control System for Connected Intersections	Aditi Agrawal (SHUATS)*; DR RAJEEV PAULUS ("SHAUTS, STATE UNIVERSITY")	aditi.agrawal@shiats.edu.in

126	304	Development of Portable Induction Furnace Intended for MSME Sector	Ramanuj Deb (National Institute of Technology Durgapur (NIT Durgapur))*	ramanujdeb123@gmail.com
127	305	Time-Based aggregation for Bi-term Topic Model to Analyze CoVID 19 Twitter Data	Pradeep Gangwar (IIITA)*; Vrijendra Singh (IIIT-Allahabad)	ihm2016501@iiita.ac.in
128	306	Real-Time Smart Parking System	Udit Mittal (JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA )*; Tarun Shekher (JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA )	udit.mittal27@gmail.com
129	307	Substrate Integrated Waveguide Dual-Band Bandpass Filter	Amit Ranjan Azad (BITS Pilani, Hyderabad Campus)*	arazad@hyderabad.bits-pilani.ac.in
130	308	IoT Based Smart Monitoring of Environmental Parameters and Air Quality Index	Udit Mittal (JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA )*; Dr. Abhinav Saxena (JSS Academy of Technical Education Noida); Gunjan Varshney (JSS Academy of Technical Education, Noida); Abhilasha Pawar (JSS Academy of Technical Education, Noida); Satyajeet Kumar (JSS Academy of Technical Education, Noida)	udit.mittal27@gmail.com
131	310	A 28/38 GHz Substrate Integrated Waveguide based Self-Diplexing Slot Antenna for 5G Applications	Munish Kumar (USIC&T, GGSIPU, India)*; Amit Kumar (IIT BHU); Amit Kumar Singh (IIT BHU)	munishkm1989@gmail.com
132	311	Unmanned Aquatic Multi-Functional Robot	Nihal Sinai Sambary (Don Bosco College of Engineering); Yash Rege (Don Bosco College of Engineering)*; Ryan Rodrigues (Don Bosco College of Engineering); Deron Rodrigues (Don Bosco College Of Engineering); Melba D'Souza (Don Bosco College Of Engineering)	yashrege43@gmail.com
133	312	Reversible Digital Image Watermarking scheme using Histogram Shifting Method	Ranjana Dwivedi (MNNIT)*; VINAY KUMAR SRIVASTAVA (MNNIT)	ranjana@mnnit.ac.in
134	314	Seamless Grid Interface of Distributed Generation based Microgrid Utilizing FADO-FLL and LLAD Filtering Control	farheen chishti (IIT DELHI)*; Bhim Singh (Indian Institute of Technology Delhi)	chishti2210@gmail.com
135	315	Diabetes Mellitus Prediction using Hybrid Artificial Neural Network	BANIBRATA PAUL (BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI)*; DR. BHASKAR KARN (BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI)	paul.banibrata1@gmail.com
136	317	Self-Supervised Learning of Depth From Sequence of Images	Sandeep Kumar Yalakuchi (IIITA)*; md meraz (iiit Allahabad)	irm2016502@iiita.ac.in
137	318	Developments in Islanding Detection and Its Comparison: A Comprehensive Review	INDRADEO PRATAP BHARTI (MNNIT ALLAHABAD); Navneet Kumar Singh (MNNIT Allahabad)*; Omhari Gupta (NIT Jamshedpur); Asheesh Kumar Singh (MNNIT)	navneet@mnnit.ac.in
138	319	Intelligent Power Quality Disturbance Detection in Smart Grid System	AMIT KUMAR THAKUR (IIT(BHU), VARANASI UP)*; S P Singh (IIT BHU, Varanasi)	amitkt.rs.eee15@itbhu.ac.in
139	320	Influence of human mindset and societal structure in the spread of technology for Service Robots	Aditya Singh (IIIT Allahabad); Padmakar Pandey (IIIT Allahabad)*; Gora Nandi (IIIT Allahabad)	padmakar0001@gmail.com
140	321	SIMULATION AND ANALYSIS OF PV FED INDUCTION MOTOR-PUMP PERFORMANCE OPTIMIZATION	Piyush Choudhary (Oil and Natural Gas Corporation Limited(ONGC))*	piyush.rs.eee@iitbhu.ac.in
141	322	Multi Criteria Decision Making based Energy efficient clustered solution for WSN	Lekhraj Chaudhary (Mnnit allahabad )*; ALOK KUMAR (MNNIT ALLAHABAD); Avjeet Singh (MNNIT); Anoj Kumar (MNNIT Allahabad)	lekhraj@mnnit.ac.in
142	328	An Efficient Neural Network-based MPPT technique for PV array under Partial Shading Conditions	Ashutosh Shukla (Jabalpur Engineering College)*	jai0201ee@gmail.com
143	331	A Charge-Based Silicon Carbide MOSFET Compact Model for Power Electronics Applications	Anirban Kar (Indian Institute of Technology Kanpur)*; Ahtisham Pampori (Indian Institute of Technology Kanpur); Yogesh Singh Chauhan (IIT Kanpur)	anirbank@iitk.ac.in
144	332	Multimodal Meme Sentiment Analysis with Image Inpainting	Kapil Gupta (Qualcomm India Private Limited)*; Cheshta Kwatra (Citicorp Services India Limited)	kapil.bindal98@gmail.com
145	333	Hybrid Control of Solar PV-BES System Connected with 3P4W Utility Grid	PAVITRA SHUKL (IIT DELHI)*; Bhim Singh (Indian Institute of Technology Delhi)	pavitra.shukl@gmail.com
146	334	Performance of a Multifunctional Battery Integrated Solar PV Based Microgrid under Abnormal Grid Conditions with Seamless Mode Transfer Capability	Vivek Narayanan (IIT Delhi)*; Bhim Singh (Indian Institute of Technology Delhi)	viveksw.narayanan7@gmail.com



147	336	Evaluation Of Performance Of BLDC Motor Drive Using Different Rules Using Fuzzy Logic Control With Increasing Rule-Sets	Samiksha Chintawar (Progressive Education Society's Modern College of Engineering); Snehal Ghodke (Progressive Education Society's Modern College of Engineering); Vrushali Khatavkar (Progressive Education Society's Modern College of Engineering); Utkarsh Alset (Aetherotec Innovative Solutions)*; Hrishikesh Mehta (Aetherotec Innovative Solutions)	alsetutkarsh@gmail.com
148	339	ANFIS based Diabetes Mellitus Prediction	BANIBRATA PAUL (BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI)*; Dr Bhaskar Karn (BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI, JHARKHAND)	paul.banibrata1@gmail.com
149	340	Combining Document Embedding Techniques for Clustering and Analysis of Extractive Summaries	S. Jaya Nirmala (NIT Trichy)*; Leena Sinha (NIT Trichy)	sjaya@nitt.edu
150	341	A Convergence Time Predictive Model using Machine Learning for LLN	Sakshi Garg (Amity University)*; Deepti Mehrotra (Amity University); Sujata Pandey (Amity University); Hari Mohan Pandey (Department of Computer Science Edge Hill University)	sakshijyotigarg@gmail.com
151	343	Deep Learning Techniques for Legal Text Summarization	RESHMA SHEIK (NIT Trichy)*; S. Jaya Nirmala (NIT Trichy)	rezmasheik@gmail.com
152	345	Analysis of the Encryption and Compression Coding Performance of Contemporary Wavelet Methodologies on Medical Images	Prachi Dhankhar (Nims University); Sanjeev Kumar (Tulas Institute Dehradun)*	sanjeev_solanki@live.in
153	348	Disturbance Observer-based Sliding Mode Control of PV-Battery Assisted EV Charging Station	Sourabh Ghosh (Motilal Nehru National Institute of Technology Allahabad)*; Asheesh Kumar Singh (MNNIT); ARUN K PAUL (M/S. Electronics Devices World Wide Pvt. Ltd.); Sri Nivas Singh (IIT Kanpur)	ghoshsourabh27@yahoo.com
154	350	Extreme learning with Artificial Electric Field Algorithm (EL-AEFA) for estimation of Short-term Vehicular Traffic System	Sanjib Nayak (VSSUT Burla)*	fortunatesanjib@gmail.com
155	352	Machine Learning Based Movie Recommendation System	Nitasha Soni (Manav rachna international insitute of research and stydies)*; krishan kumar (Manav rachna international insitute of research and stydies)	nitasha.fet@mriu.edu.in
156	353	Analysis of Word-level Embeddings for Indic Languages on AI4Bharat-IndicNLP Corpora	Dipam Goswami (BITS Pilani)*; Shrikant Malviya (IIIT Allahabad); ROHIT MISHRA (IIIT Allahabad); Uma S Tiwary (IIIT Allahabad)	dipamgoswami01@gmail.com
157	354	Moving Object Detection for Event-based Vision using k-means Clustering	Anindya Mondal (Jadavpur University)*; Mayukhmali Das (Jadavpur University)	anindyam.jan@gmail.com
158	358	Principal Component Analysis and CNN for Classification of Power Quality Disturbances	Ananta Agarwal (National Institute of Technology Tiruchirappalli); Diya Dileep (National Institute of Technology Tiruchirappalli); P Jyothsana (National Institute of Technology Tiruchirappalli); Purnima Unnikrishnan (National Institute of Technology Tiruchirappalli); Karthik Thirumala (National Institute of Technology Tiruchirappalli)*	thirumala@nitt.edu
159	364	Power Management Strategy and Control of Islanded DC Micro-Grid System	Munesh Kumar Singh (Department of Electrical Engineering, Indian Institute of Technology Delhi, New Delhi)*	muneshsingh.pgml.iitd@gmail.com
160	368	Performance Analysis at different Temperature of Charge Plasma Technique (CPT) based Junction less (JL) Cylindrical Surrounding Gate (CSG) MOSFET	AKHILESH KUMAR (Kanpur Institute of Technology,Kanpur)*	ak.electrosparx@gmail.com
161	369	Customer Segmentation Using Clustering Algorithm	sharanjit kaur (4.3)*; sarabjeet kaur (Maharaja Ranjit singh College)	sharanjit.e9807@cumail.in
162	370	Study of Machine and Deep Learning Classifications for IOT Enabled Healthcare Devices	Anish Gupta (Chandigarh University)*	gupta.anish1979@gmail.com
163	372	Design and Implementation of Motion Detection With Photos on Telegram Bot	gaurav soni (cu)*	gaurav.e9610@cumail.in
164	373	Novel Approach Transforming Stream Cipher to Block Cipher	Nitin Jain (Chandigarh University)*; Surendra Singh Chauhan (Pratap University, Jaipur)	nitin.e8466@cumail.in
165	374	Automated Health Assistance based on IOT and Machine Learning	Deepinder Kaur (Chandigarh University)*; Jaspreet Singh (Chandigarh University)	deepinderkd@gmail.com

166	375	DESIGN & IMPLEMENTATION OF BASIC HEART BEAT SENSOR USING LabVIEW and DAQmx USB 6008	gaurav soni (cu)*	gaurav.e9610@cumail.in
167	377	An Algorithmic Approach to Machine Learning Techniques for Fraud detection: A Comparative Analysis	DIPRA MITRA (CHANDIGARH UNIVERSITY)*	mitra.dipra@gmail.com
168	379	Analysis of Twitter Spam Detection Techniques-A Review	Dr. Monika Singh (Chandigarh University)*; Dr. Amardeep Singh (SVIET, IKGPTU)	monika.e11032@cumail.in
169	383	Intelligent HealthCare System using Raspberry Pi	Shruti Wadhwa (Nidus Ltd.); Dr. Monika Singh (Chandigarh University)*	monika.e11032@cumail.in
170	385	Pattern Encryption Technique in Encrypted Data Captured Dark Images Using Machine Learning & Block Chain	Rajeev Kumar (Chandigarh University, Chandigarh)*	rajeev2009mca@gmail.com