

PROGRAM SCHEDULE

Day 1- Friday, 24th September 2021

08:30 AM onwards	Registration and High Tea
09:30 - 10:00 AM	Inaugural Ceremony
10:00 - 10:40 AM	Prof. Sukumar Mishra
Keynote Session - 01	Professor, Department of Electrical Engineering, Indian Institute of Technology Delhi, India “Issues Challenges and Opportunities Towards Sustainable Energy Integration”
10:40 - 12:40 PM	Technical Sessions – TS-01, TS-02, TS-03
12:40 - 02:00 PM	Lunch break
02:00 - 02:40 PM	Prof. Sri Niwas Singh
Keynote Session - 02	Professor, Department of Electrical Engineering, Indian Institute of Technology Kanpur, India “ANN Based Wind And PV Power Forecasting”
02:40 - 03:00 PM	Tea break
03:00 - 05:00 PM	Technical Sessions – TS-04, TS-05, TS-06

PROGRAM SCHEDULE

Day 2- Saturday, 25th September 2021

09:30 - 10:10 AM	Prof. Tarlochan S Sidhu
Keynote Session – 03	Faculty of Engineering and Applied Science, Ontario Tech University, Canada “Emerging Power Systems - Smart Grid Initiatives In Canada”
10:10 - 10:20 AM	Tea break
10:20 - 12:20 PM	Technical Sessions – TS-07, TS-08, TS-09
12:20 - 01:00 PM	Panel Discussion
01:00 - 02:00 PM	Lunch break
02:00 - 02:40 PM	Prof. Sivaji Chakravorti
Keynote Session – 04	Professor, Electrical Engineering Department, Jadavpur University, Kolkata, India “Estimation of Instantaneous Frequency of A Signal”
02:40 - 02:50 PM	Tea break
02:50 - 04:30 PM	Technical Sessions – TS-10, TS-11, TS-12
04:30 - 05:00 PM	Expert Talk by Mr. Somanath Prusty Head Sdu India Packet Core, Ericsson “5G In Energy Sector for Network Modernization”
05:00 - 05:30 PM	Valediction Ceremony

Technical Presentation Schedule (Parallel Sessions)

Time Zone: IST (GMT+5.30)

Day 1- Friday, 24th September 2021			
Technical Session ID	Track-1 Modelling and Control of Power Converters for Renewable Energy Integration Time: 10:40 - 12:40 PM	Technical Session ID	Track-2 Protection and Control of Active Distribution Networks Time: 03:00 - 05:00 PM
	Paper ID		Paper ID
TS-01	09, 17, 50, 51, 69, 79	TS-04	63, 107, 108, 131, 134, 144
TS-02	76, 87, 93, 119, 149, 154	TS-05	48, 60, 66, 121, 126, 155
TS-03	52, 86, 90, 105, 106, 156	TS-06	06, 14, 30, 84, 98, 103, 116
Day 2- Saturday, 25th September 2021			
Technical Session ID	Track-3 Modern Power System with Sustainable Energy Time: 10:20 - 12:20 PM	Technical Session ID	Track-4 Recent Advancements in Microgrid Systems Time: 02:50 - 04:30 PM
	Paper ID		Paper ID
TS-07	27, 29, 45, 53, 83, 139	TS-10	11, 19, 57, 92, 102, 124
TS-08	10, 13, 82, 114, 129, 135	TS-11	49, 101, 110, 123, 142, 145
TS-09	43, 47, 71, 132, 133, 143	TS-12	36, 80, 100, 122, 152, 153

Track-1

Modelling and Control of Power Converters for Renewable Energy Integration

Technical Session (TS-01) Schedule

Day 1- Friday, 24th September 2021, Time: 10:40 - 12:40 PM

Session (Parallel)	Advanced Converter Topologies for Renewable Energy Source Integration
Session Chair(s)	Yam Siwakoti (UTS Sydney), Sanjiba Kumar Bisoyi (JSSATE Noida)
Paper ID: 09	Generalised Hybrid Symmetrical and Asymmetrical Multilevel Inverter Topology with Reduced Number of Switches Author(s): Madan Kumar Das (IIT Delhi); Sukumar Mishra (IIIT Delhi)
Paper ID: 17	A New Reduced Device Count of 3-Phase 3-Level Switched Capacitor based Grid Connected Inverter with LCL Filter Author(s): Aratipamula Bhanuchandar (NIT Warangal); Bhagwan K Murthy (NIT Warangal)
Paper ID: 50	Reduction in Harmonics for PV based Reduced Device Count Multilevel Inverter with Genetic Algorithm Author(s): Yatindra Gopal (SVCET Nagar); Kaibalya Prasad Panda (NIT Meghalaya); Y. N. Vijay Kumar (SVCET Nagar); G V Pradeep (SVCET Nagar)
Paper ID: 51	A Switched-Capacitor based 7-Level Self-Balancing High-Gain Inverter Employing a Single DC Source Author(s): Yatindra Gopal (SVCET Nagar); Kaibalya Prasad Panda (NIT Meghalaya); Y. N. Vijay Kumar (SVCET Nagar),
Paper ID: 69	Design and Implementation of 165W Current Fed Push Pull Converter for Military and Space Applications Author(s): Dishashree T N (BMSCE Bangalore); Usha A (BMSCE Bangalore); Kubendran G; Bhoopendra Kumar Singh (BMSCE Bangalore); Vinod Chippallatti (BMSCE Bangalore)
Paper ID: 79	A New Single Phase Five Level Self-Balanced and Boosting Grid Connected Switched Capacitor Inverter with LCL Filter Author(s): Aratipamula Bhanuchandar (NIT Warangal); Bhagwan K Murthy (NIT Warangal)

Technical Session (TS-02) Schedule

Day 1- Friday, 24th September 2021, Time: 10:40 - 12:40 PM

Session (Parallel)	Control of Interfacing Converters in Smart Power system
Session Chair(s)	Sze Sing Lee (Newcastle University), Smitha Joyce Pinto (MIT Mysore)
Paper ID: 76	Impact of Reverse Power Flow due to High Solar PV Penetration on Distribution Protection System Author(s): Divya S Nair (COE Trivandrum); Rajeev T (COE Trivandrum)
Paper ID: 87	Modelling and Performance Evaluation of MPPT based PMSG Wind Energy Conversion System with Boost Converter in Matlab/Simulink Environment Author(s): Snehashis Ghoshal (BCREC Durgapur); Sumit Banerjee (BCREC Durgapur); Chandan Kumar Chanda (IEST Shibpur)
Paper ID: 93	Optimal Scheduling of Grid Connected PV System with Battery Energy Storage Author(s): Swathi Krishna (COE Trivandrum); SHEREEF R. M. (COE Trivandrum)
Paper ID: 119	Seven-Level Switched-Capacitor based Inverter Topology with Reduced Components for Renewable Energy System Author(s): Priyanka Sen (CVRCE, Odisha); Vandana Jha (CVRCE Odisha); Ashwin Kumar Sahoo (CVRCE Odisha)
Paper ID: 149	Reference Tracking by Designing State Estimation Observer for Generalized Predictive Control of a Single Inductor Dual Output Buck Converter Author(s): Kamakshi Manjari (IIT Guwahati); Somanath Majhi (IIT Guwahati)
Paper ID: 154	Different Oscillator Controlled Parallel Three-Phase Inverters in Standalone Microgrid Author(s): Vikash Gurugubelli (NIT Rourkela); Arnab Ghosh (NIT Rourkela); Anup Kumar Panda (NIT Rourkela)

Technical Session (TS-03) Schedule

Day 1- Friday, 24th September 2021, Time: 10:40 - 12:40 PM

Session (Parallel)	Power Quality Control for Renewable Energy Integration
Session Chair(s)	Arup Goswami (NIT Silchar), Pratap Sekhar Puhan (SNIST Hyderabad)
Paper ID: 52	Comparative Analysis of Different Control Techniques Implementation in UPQC for Power Quality Improvement Author(s): Pratap Sekhar Puhan (SNIST Hyderabad); Pravat Ray (NIT Rourkela); Arun Das (NIT Rourkela); Debasis Pradhan (NIT Rourkela); Laxman Meher (NIT Rourkela)
Paper ID: 86	Experimental Verification of DSTATCOM for Different Types of Non-linear Load Author(s): Pushpanjali Shadangi (OPJU Raigarh); Sushree Diptimayee Swain (OPJU Raigarh); Pravat Kumar Ray (NIT Rourkela)
Paper ID: 90	Design and Implementation of a Control for Solar PV Fed Unified Power Quality Conditioner Author(s): Akhila Mohan (COE Trivandrum); T. Samina (COE Trivandrum)
Paper ID: 105	Power Quality Improvement in Distribution Network using PV Integrated DSTATCOM Author(s): Pallavi Kumari (NIT Meghalaya); Narendra Babu P (NIT Meghalaya); Kaibalya Prasad Panda (NIT Meghalaya); Sanjiba Kumar Bisoyi (JSSATE Noida); Gayadhar panda (NIT Meghalaya)
Paper ID: 106	Instantaneous Reactive Combined Loss Component Power Theory based Hybrid Filter for Power Quality Improvement in Distribution System Author(s): Pratap Sekhar Puhan (SNIST Hyderabad); Santanu Kumar Dash (VNRVJIET, Hyderabad); Pravat Kumar Ray (NIT Rourkela); Gayadhar panda (NIT Meghalaya); Mahender Pathuri (SNIST Hyderabad)
Paper ID: 156	Real Time DSTATCOM Compensation For Power Quality Improvement Author(s): Pushpanjali Shadangi (OPJU Raigarh); Sushree Diptimayee Swain (OPJU Raigarh); Gayadhar Panda (NIT Meghalaya);

Track-2

Protection and Control of Active Distribution Networks

Technical Session (TS-04) Schedule

Day 1- Friday, 24th September 2021, Time: 03:00 - 05:00 PM

Session (Parallel)	Protection and control in Microgrid Systems
Session Chair(s)	Monalisa Biswal (NIT Raipur), Shaik Affijulla (NIT Meghalaya)
Paper ID: 63	Detection & Classification of Transmission Line Faults using ANN Author(s): Parveen Poon Terang (JSSATE Noida); Sanjiba Kumar Bisoyi (JSSATE Noida); Chitra Ranjan (JSSATE Noida); Aviral Krishna (JSSATE Noida); Ayush Raman Rai (JSSATE Noida); Anushka Singh (JSSATE Noida)
Paper ID: 107	A Reliable Islanding Identification Mechanism for DC microgrid using PCC Transient Signal Author(s): Satyavarta Kumar Prince (NIT Meghalaya); Kaibalya Prasad Panda (NIT Meghalaya); Shaik Affijulla (NIT Meghalaya); Gayadhar panda (NIT Meghalaya)
Paper ID: 108	A DWT-RNN Assisted Intelligent Differential Protection Scheme for Grid-Tied and Islanded DC Microgrid Author(s): Satyavarta Kumar Prince (NIT Meghalaya); Shaik Affijulla (NIT Meghalaya, Shillong, India); Gayadhar panda (NIT Meghalaya)
Paper ID: 131	Accurate Estimation of Modern Power System Harmonics using a Novel LSA Hybridized Recursive Least Square Technique Author(s): Ashok Bhoi (NIT Meghalaya); Ranjan Kumar Mallick (Siksha 'O' Anusandhan University); Gayadhar panda (NIT Meghalaya); Pravati Nayak (Siksha 'O' Anusandhan Deemed to be University)
Paper ID: 134	Application of Differential Evolution to Determine Single Stage Impulse Circuit Parameters Author(s): Gandhi Ramarao (AITAM Tekkali); B Hari Krishna (AITAM Tekkali); D Rajesh (AITAM Tekkali); A Ravi Kumar (AITAM Tekkali); B Rakesh (AITAM Tekkali)
Paper ID: 144	Frequency Control of GWO Optimised 2-Area Microgrid with TIDF – II, I-PD and I-TD Author(s): Sourabh Prakash (NERIST Nirjuli); Miss Shubham (NERIST Nirjuli); A. K. Singh (NERIST Nirjuli); R. K. Mehta (NERIST Nirjuli); O. P. Roy (NERIST Nirjuli)

Technical Session (TS-05) Schedule

Day 1- Friday, 24th September 2021, Time: 03:00 - 05:00 PM

Session (Parallel)	Control Schemes for Renewable Energy Applications
Session Chair(s)	Mohamad Amin (NTNU Norway), Yusuf Shankar Gupta (NTNU Norway)
Paper ID: 48	Solar Powered Water Pump using Switched Reluctance Motor for Agriculture Author(s): Rakesh Sugathan (COE Trivandrum); Beena N (COE Trivandrum)
Paper ID: 60	Frequency Regulation of Wind Energy Integrated Power System using a Novel Optimized Type II Fuzzy Tilted Integral Derivative Controller Author(s): Sayantan Sinha (Siksha 'O' Anusandhan University'); Ranjan Kumar Mallick (Siksha 'O' Anusandhan University); Gayadhar panda (NIT Meghalaya); Pravati Nayak (Siksha 'O' Anusandhan University); Abhinash Nanda (Siksha 'O' Anusandhan University')
Paper ID: 66	A Review on Control Methods used in RES Fed Induction Motors Author(s): Pranobjyoti Lahon (Kaziranga University); Aditya Bihar Kandali (Jorhat Engineering College); Moushumi Patowary (Jorhat Engineering College)
Paper ID: 121	PV Fed DC Link Voltage Control Techniques Implementation in Shunt active filter Author(s): Dharani Deepika Pidiyar (SNIST Hyderabad); Pratap Sekhar Puhan (SNIST Hyderabad)
Paper ID: 126	Solar PV-Powered SRM Drive and its Speed Control & Torque Ripple Minimization Author(s): Nutan Saha (VSSUT Burla); Arpan Sahoo (VSSUT Burla); Bidyadhar Rout (VSSUT Burla); Sidharatha Panda (VSSUT Burla); Gayadhara Panda (NIT Meghalaya); Dillip Ku. Sahoo (VSSUT Burla)
Paper ID: 155	A Linear Quadratic Integral Regulator for a Variable Speed Wind Turbine Author(s): N. B. A. Ravi Kumar (GMR Rajam); Vasupalli Manoj (GMR Rajam); Ramakrishna Nuvvula S S (VIT vellore)

Technical Session (TS-06) Schedule

Day 1- Friday, 24th September 2021, Time: 03:00 - 05:00 PM

Session (Parallel)	Modeling and Control of Electrical Systems
Session Chair(s)	Arnab Ghosh (NIT Rourkela), Piyush Pratap Singh (NIT Meghalaya)
Paper ID: 06	Output Power Tracking and Oscillation Control of a Doubly Fed Induction Generator based Wind Energy Conversion System using Adaptive Neuro-Fuzzy Algorithm Author(s): Satyabrata Sahoo (NMREC Hyderabad); Gayadhar Panda (NIT Meghalaya)
Paper ID: 14	Demand Response Management in a Smart Grid with Multiple Users and Utility Companies Author(s): Pravat Kumar Ray (NIT Rourkela); Shobhit Nandkeolyar (NIT Rourkela); Nikhil Sai Rama Valiveti (NIT Rourkela)
Paper ID: 30	Time Series Forecasting Model for Chaotic Fractional-Order Rossler System Author(s): Kishore Bingi (VIT Vellore); B Rajanarayan Prusty (VIT Vellore); Kaibalya Prasad Panda (NIT Meghalaya); Gayadhar panda (NIT Meghalaya)
Paper ID: 84	Application of Fractional-order Signal Filtering Techniques for Dead-time Process Plants Author(s): P. Arun Mozhi Devan (UTP Seri Iskandar); Fawnizu Azmadi Hussin (UTP Seri Iskandar); Rosdiazli Ibrahim (UTP Seri Iskandar); Kishore Bingi (VIT Vellore); B Rajanarayan Prusty (VIT Vellore)
Paper ID: 98	A Variant of Rossler Type-IV Chaotic System with a Line of Equilibria and Coexisting Attractors Author(s): Rishabh Jaiswal (NIT Meghalaya); Himanshu Raj (NIT Meghalaya); Priye Ranjan Kumar (NIT Meghalaya); Piyush Pratap Singh (NIT Meghalaya)
Paper ID: 103	New Performance Evaluation Metrics for Outlier Detection and Correction Author(s): B Rajanarayan Prusty (VIT Vellore); Nimish Jain (VIT Vellore); Kumar Gaurav Ranjan (TCS Bangalore); Kishore Bingi (VIT Vellore); Debashisha Jena (NITK Surathkal)
Paper ID: 116	Time Series Decomposition Techniques for Renewable Generation Applications Author(s): Satyabrata Das (VIT Vellore); B Rajanarayan Prusty (VIT Vellore); Kishore Bingi (VIT Vellore); Kaibalya Prasad Panda (NIT Meghalaya); Gayadhar panda (NIT Meghalaya)

Track-3

Modern Power System with Sustainable Energy

Technical Session (TS-07) Schedule

Day 2- Saturday, 25th September 2021, Time: 10:20 - 12:20 PM

Session (Parallel)	Sustainable Energy Developments and Applications
Session Chair(s)	Parveen Poon Terang (JSSATE Noida), Surmila Thokchom (NIT Meghalaya)
Paper ID: 27	Combined Environmental and Economic Dispatch in presence of Sustainable Sources using Particle Swarm Optimization Author(s): Soudamini Behera (GCE Kalahandi); Namrata Naik (GCE Kalahandi); Sasmita Behera (GCE Kalahandi); Ajit K Barisal (GCE Kalahandi)
Paper ID: 29	Performance Analysis of Controlled Vehicle-to-Grid Charging in 30 Bus Power System for Electric Vehicle Author(s): Gourab Bhuyan (AEC Guwahati); Bani Kanta Talukdar (AEC Guwahati)
Paper ID: 45	Automatic Generation Control for Hybrid Power System in Deregulated Environment Author(s): Parusharamulu Buduma (IIT Delhi); Ashwani Kumar Sharma (NIT Kurukshetra); Sukumar Mishra (IIT Delhi); Gayadhar panda (NIT MEGHALAYA)
Paper ID: 53	Control of Grid Connected Photovoltaic System using Enhanced PLL (EPLL) Technique Author(s): Pravat Kumar Ray (NIT Rourkela); Pratap Sekhar Puan (SNIST Hyderabad); Ashish Kumar (NIT Rourkela)
Paper ID: 83	Voltage and Current based Hysteresis controller Fed Series Active Filter to Compensate Voltage Sag Problem Author(s): Ravikanth Mallajoshula (GITAMIT Visakhapatnam), I.E.S Naidu (GITAMIT Visakhapatnam)
Paper ID: 139	Comparative Analysis of Fuzzy Logic and Synchronous Reference Frame Controlled LVRT Capability Enhancement in Wind Energy System using DVR and STATCOM Author(s): Subash Ranjan Kabat (KIIT Bhubaneswar); Chinmoy Kumar Panigrahi (KIIT University); Bibhu Prasad Ganthia (IGIT Sarang);

Technical Session (TS-08) Schedule

Day 2- Saturday, 25th September 2021, Time: 10:20 - 12:20 PM

Session (Parallel)	Load Frequency Control in Microgrid System
Session Chair(s)	Madhu Singh (NIT Jamshedpur), Puja Dash (GVPCE Visakhapatnam)
Paper ID: 10	Genetic Algorithm based Load Frequency Control of a Grid Connected Microgrid in Presence of Electric Vehicles Author(s): Anuradhika Krosuru (GVPCE Visakhapatnam); Puja Dash (GVPCE Visakhapatnam)
Paper ID: 13	Multi-Area Load Frequency Control using a novel PID based Sliding Mode Controller Author(s): Shobhit Nandkeolyar (NIT Rourkela); Pravat Ray (NIT Rourkela)
Paper ID: 82	EPO based Load Frequency Control Optimized Cascaded 3DOFPIDN-FuzzyFOPID Controller Integrating Distributed Generation Resources with FACTS Devices Author(s): Sunita Pahadasingh (KIIT Bhubaneswar); Chitrlekha Jena (KIIT Bhubaneswar); Chinmoy Kumar Panigrahi (KIIT Bhubaneswar)
Paper ID: 114	Modified Particle Swarm Optimized Load Frequency Control of Renewable Energy Sources based Integrated Power Systems Author(s): Ashutosh Jena (VSSUT Burla); Bidyadhar Rout. (VSSUT Burla); Nutan Saha (VSSUT Burla)
Paper ID: 129	Load Frequency Control of a Four Area Interconnected Power System using JAYA tuned PID Controller and Derivative Filter Author(s): Smrutisikha Jena (VSSUT Burla); Sthitprajna Mishra (IGIT Sarang); Bibhu Prasad Ganthia (IGIT Sarang)
Paper ID: 135	Model Predictive Control for Load Frequency Regulation in Power Systems using a Disturbance Observer Author(s): Ramakrishna Nuvvula S S (VIT Vellore), T.S L V Ayyarao (GMRIT Rajam) , Vasupalli Manoj (GMRIT Rajam)

Technical Session (TS-09) Schedule

Day 2- Saturday, 25th September 2021, Time: 10:20 - 12:20 PM

Session (Parallel)	Electric Vehicle Application for Sustainable Development
Session Chair(s)	Arun Kumar Verma (MNIT Jaipur), Akhilendra Pratap Singh (NIT Meghalaya)
Paper ID: 43	Design and Development of a Novel Reverse Polarity Tester for EV Application Author(s): Rahul K. A (COE Trivandrum); T. Rajeev (COE Trivandrum); P. Sreejaya (COE Trivandrum)
Paper ID: 47	Design of an EV Charging System with Improved Performance Author(s): Sanjiba Kumar Bisoyi (JSSATE Noida); Parveen Poon Terang (JSSATE NOIDA); Luv Pathak (JSSATE Noida); Abhinav Singh (JSSATE Noida); Sarthak Singh (JSSATE, Noida); Rishabh Khare (JSSATE, Noida)
Paper ID: 71	Cell Balancing and State of Charge Estimation of Lithium-Ion Cells for Electric Vehicle Applications Author(s): Shilpashree S (BMSCE Bangalore); Geetha RS (BMSCE Bangalore)
Paper ID: 132	Modelling and Analysis of an Electronic Differential based Traction Control System for Distributed Drive Electric Vehicle Author(s): Pranjal Barman (Tezpur University)
Paper ID: 133	Analysis of Five Phase Surface PMSM for Application in Electric Vehicles Author(s): Sangeeta Sahu (KIIT Bhubaneswar); Byamakesh Nayak (KIIT Bhubaneswar); Rudra Narayan Dash (KIIT Bhubaneswar)
Paper ID: 143	A Novel Application of BESO based Isolated Microgrid with Electric Vehicle Author(s): Miss Shubham (NERIST Nirjuli); Sourabh Prakash Roy (NERIST Nirjuli); R. K. Mehta (NERIST Nirjuli); A. K. Singh (NERIST Nirjuli); O. P. Roy (NERIST Nirjuli)

Track-4

Recent Advancements in Microgrid Systems

Technical Session (TS-10) Schedule

Day 2- Saturday, 25th September 2021, Time: 02:50 - 04:30 PM

Session (Parallel)	Control and Power Management for Smart Microgrid
Session Chair(s)	Rajeev T (COE Trivandrum), Sushree Diptimayee Swain (OPJU Raigarh)
Paper ID: 11	Frequency control of SPV/Wind/Biogas/Biodiesel based microgrid using fuzzy aided PID controllers Author(s): Arabinda Mahakur (VSSUT Burla); Debidasi Mohanty (VSSUT Burla)
Paper ID: 19	Planning of Power Loss and Fuel Cost Minimization by development of DERs using Evolutionary Algorithm Author(s): Deblina Maity (NSEC Garia); Sumit Banerjee (BCREC Durgapur); Chandan Kumar Chanda (IEST Shibpur)
Paper ID: 57	Investigation on Stability of DC Microgrid for Large-scale Electric Vehicle Charging Station Deployment Author(s): Jithin S (COE Trivandrum); Rajeev T (COE Trivandrum)
Paper ID: 92	Designing of DC Microgrid with Fast Charging Converter and Control for Solar PV, Fuel Cell and Battery Integrated Charging Station Author(s): Dheeraj Kumar Dhaked (RTU Kota); Mayank Singh (RTU Kota); Dinesh Birla (RTU Kota)
Paper ID: 102	Location Estimation of Grid Electric Vehicle Aggregator in the Grid System Using Optimization Technique Author(s): Pravat Ray (NIT Rourkela); Pratap Sekhar Puan (SNIST Hyderabad); Premananda Sahoo (NIT Rourkela)
Paper ID: 124	Power Management and Control in Microgrid System Author(s): Emmanuel Vemuri (NIT Meghalaya); Aman Kumar (NIT Meghalaya); Ifthakhar Mahmud Tonmoy (NIT Meghalaya); Kaibalya Prasad Panda (NIT Meghalaya); Narendra Babu P (NIT Meghalaya); Satyavarta Kumar Prince (NIT Meghalaya); Gayadhar Panda (NIT Meghalaya)

Technical Session (TS-11) Schedule

Day 2- Saturday, 25th September 2021, Time: 02:50 - 04:30 PM

Session (Parallel)	Communication and Information Technologies in Smart Grid
Session Chair(s)	Nutan Saha (VSSUT Burla), Diptendu Sinha Roy (NIT Meghalaya)
Paper ID: 49	Peer to Peer Energy Trading in Microgrid using PSO Author(s): Haritha Prasad (COE Trivandrum); Savier J. S (COE Trivandrum)
Paper ID: 101	Blockchain Insisted Resilience Enhancement of Power Electricity Markets using Distributed Energy Trading Author(s): Dipanjan Bose (IEST, Shibpur); Chandan Kumar Chanda (IEST, Shibpur); Abhijit Chakrabarti (IEST, Shibpur)
Paper ID: 110	A Novel Confidential Consortium Blockchain Framework for Peer to Peer Energy Trading Author(s): Nihar Ranjan Pradhan (NIT Meghalaya); Akhilendra Pratap Singh (NIT Meghalaya); Diptendu Singha Roy (NIT Meghalaya)
Paper ID: 123	A Survey of Cyber Security in Smart Microgrid Author(s): Zoaya Mohammadi (MIT Mysore); Smitha Joyce Pinto (MIT Mysore); Gayadhar panda (NIT Meghalaya)
Paper ID: 142	Data-Driven Event Detection with PMU Data using a Novel Composite Deep Learning Technique Author(s): Pushpak Das (NIT Meghalaya); Subhash Kumar (NERLDC POSOCO); Gayadhar panda (NIT Meghalaya); Diptendu Singha Roy (NIT Meghalaya)
Paper ID: 145	Prediction of Solar Power using Linear Regression Author(s): Shubham S Thombare (COE Pune); V Pande (COE Pune); Rohan Kulkarni (COE Pune); Suhas Kakade (COE Pune)

Technical Session (TS-12) Schedule

Day 2- Saturday, 25th September 2021, Time: 02:50 - 04:30 PM

Session (Parallel)	Sustainable Energy Technology and Developments
Session Chair(s)	Archana G. Thosar (COE Pune), Ksh Milan Singh (NIT Meghalaya)
Paper ID: 36	<p>Fuzzy Logic Controller for HVAC System of Passenger Car for Cooling Application</p> <p>Author(s): Pratik Bante (COE Pune); Archana G. Thosar (COE Pune); Srikanth S (CREAT Uno Pune)</p>
Paper ID: 80	<p>Sustainable Farming using Drone with Seed Dropper</p> <p>Author(s): M. Suhel U Karkun (ASOIT Ahmedabad); Sathish Dharmalingam (KARE Tamil Nadu)</p>
Paper ID: 100	<p>Power System Parameter Estimation using Signal Processing Techniques</p> <p>Author(s): Pratap Sekhar Puhan (SNIST Hyderabad); Pravat Kumar Ray (NIT Rourkela)</p>
Paper ID: 122	<p>Indoor PV based Power Management System for Connected Lighting And Shading Control</p> <p>Author(s): Anna Merine George (DSU Bengaluru); Ciji Pearl Kurian (MIT Manipal); Sravan C (MIT Manipal); Harsh Garg (MIT Manipal)</p>
Paper ID: 152	<p>Doppler Velocity Estimation Employing mHDFT Phase Locked Loop</p> <p>Author(s): Abhishek Chauhan (NIT Meghalaya); Ksh Milan Singh (NIT Meghalaya)</p>
Paper ID: 153	<p>Efficiency Optimization of Surface and De-centered PMSM with Silicon Steel and Amorphous Iron Material for E-rickshaw</p> <p>Author(s): Anju P Sivadas (COE Trivandrum); Mini V.P (COE Trivandrum)</p>