

**No. of conference publication in 2016: 60**

	<b>Title of the paper</b>	<b>Title of the proceedings of the conference</b>	<b>Name of the conference</b>	<b>Natio nal / Inter natio nal</b>	<b>Year of publi catio n</b>	<b>ISBN/ ISSN numb er of the proce ding</b>	<b>Affiliatin g Institute at the time of publicati on</b>
1	Real Time Validation of Proposed Control Scheme of VSI for Integrating Three-Phase Loads/Grid to DC Microgrid				2016		
2	A comparative study for reactive power capability of doubly fed induction generator and synchronous generator	ICCCCM 2016	2nd IEEE International Conference on Control Computing and Communication and Materials. Allahabad	Intern ation al	2016	978-1-4673-9084-2	TIET, Patiala
3	A Data Analytical Approach Using Support Vector Machine for Demand Response Management in Smart Grid	IPES	IEEE PES General Meeting, Boston, USA, July 2016	Intern ation al	2016	1944-9933	Boston, USA

4	A Probabilistic Load Flow method including wind and reconstruction of multimodal distribution function	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
5	A Real-time Smart Charging Station for EVs Designed for V2G Scenario and its Coordination with Renewable Energy Sources	IPES	IEEE PES General Meeting, Boston, USA, July 2016	International	2016	978-1-5090-4168-8	Boston, USA
6	A Review On Co-Ordination And Control Of Hybrid Ac-Dc Microgrid	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
7	A Review on Modulation Techniques of Z-Source Network	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala

			Nov., 2016, Thapar Universit y, Patiala				
8	A review on techniques for placement of distributed generators	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	Internation al	2016	2160-3170	TIET, Patiala
9	A Technical Review on Solar-Net metering	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	Internation al	2016	2160-3170	TIET, Patiala
10	A Typical Layout of Microgrid and Scope of its Industrial Application	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics (IICPE)	Internation al	2016	2160-3170	TIET, Patiala

11	ANN based residential demand forecasting using weather and special day information	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
12	Application of Phasor & Frequency Estimation Techniques in Phasor Measurement Unit	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
13	Behavior of Fault Current in Microgrid Systems	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala

14	Characterization of tungsten oxide thin film for acetone detection	ICANN	IEEE International Conference of Advances in Nanomaterials and Nanotechnology (ICANN), Jamia University November 4-5, 2016	International	2016	978-93-85000-94-2	Jamia University
15	Comparative analysis of three phase ac-ac Z-source converter topologies	ICPEICES	IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)	International	2016	978-1-4673-8587-9	Delhi, India
16	Comparative Study of Fetal ECG Elicitation using Adaptive Filtering Techniques	AEEICB 2016	Conference on Advances in Electrical, Electronics, Information, Communication and BioInformatics	International	2016	978-1-4673-9745-2	Prathyusha Institute of Technology and Management, Chennai, Tamil Nadu

17	Comparison and Detailed Analysis of Wavelet based Fusion Methods for CT and MR images.		International Conference on Computer and Computational Sciences, Ajmer, India, August 12-13, 2016, pp.533-537	International	2016	NA	Ajmer, India
18	Controlling of Consumer End Voltage Variation using PV Power Generation	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
19	DC-DC Conversion based on ZSI and Boost rectifier using Fuzzy Logic Control	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala

20	Development of low cost EMG data acquisition system for Arm Activities Recognition	ICACCI 2016	IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI 2016), September 21-24, 2016, Jaipur	International	2016	978-1-5090-2029-4	Jaipur
21	Distribution Transformer Monitoring for smart grid in India	ICPEICES	2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)	International	2016	978-1-4673-8587-9	DTU, New Delhi
22	Effect of agriculture crop residue burning seasons on respiratory health of children	IISF	India International Science festival (IISF 2016), December 7-11, 2016,	International	2016	NA	CSIR-NPL, Delhi

			CSIR-NPL, New Delhi				
23	Effect of FACTS on Load Frequency Control in Deregulated Environment	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala
	Effect of previously install circuit breaker due to the upcoming new generating station	ICPEICES	1 <sup>st</sup> IEEE Internatio nal conferenc e on Power Electronic s, Intelligent Control and Energy Systems (ICPEICE S 2016), New Delhi, July4- July 6 (2016).	Intern ation al	2016	978- 1- 4673- 8587- 9	New Delhi
24	Fleet of Electric Vehicles for Frequency Support in Smart Grid	IPES	IEEE PES General Meeting, Boston,	Intern ation al	2016	1944- 9933	Boston, USA



			USA, July 2016				
25	Fractional Order IMC-PID Controller Design for the Pressurized Heavy Water Reactor	EEECOS	3rd International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (EEECOS)-2016	International	2016	NA	
26	Fractionalization of Microgrid Protection System through Detection of Zero Sequence Component of Fault Current	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
27	Gaussian Membership Function- Based Speaker Identification Using Score Level Fusion of MFCC and GFCC	Proc. of ICIC	Proceedings of the International Congress on Information and Communi	International	2016	NA	

			cation Technolo gy, 2016				
28	Genetic Algorithm Based Optimal Placement of Phasor Measurement Units for Harmonic Source Identification	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala
29	Implementation of Quadrilateral Relay for Three Zone Protection of Transmission Line	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala
30	Improved Performance of Ten-Pulse Converter Based DSTATCOM for Flicker Mitigation	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19	Intern ation al	2016	2160- 3170	TIET, Patiala

			Nov., 2016, Thapar Universit y, Patiala				
31	Information Fusion in Animal Biometric Identification	ISDIA	Informati on Systems Design and Intelligent Applicati ons, 2016	Natio nal	2016	NA	
32	Internal model control based fractional order PID controller for knee joint motion	ICIIS	11th Internatio nal Conferen ce on Industrial and Informati on Systems (ICIIS)	Intern ation al	2016	978- 1- 5090- 3818- 3	Roorkee, India
33	Investigation of Optimal Allocation of Wind DG in Distribution System	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala

34	Investigations on Single-Phase Two Winding Self-Excited Induction Generator for Optimal Operation with Different Capacitor Topologies,	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
35	Lightweight Authentication Protocol for RFID-Enabled Systems Based on ECC	GLOBECOM	IEEE Global Communications Conference (GLOBECOM), Washington, DC, Dec. 2016	International	2016	978-1-5090-1328-9	TIET, Patiala
36	Locating Series FACTS Devices for Managing Transmission Congestion in Deregulated Power Market	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
	Meta-heuristic Approach to Intelligent Solution of Microgrid with Storage Element	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on	International	2016	2160-3170	TIET, Patiala

			Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala				
37	Mitigation of Sub-synchronous Resonance in DFIG based Wind Farms using Fuzzy Controllers	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
38	Model order reduction of continuous time system using hybrid metaheuristic algorithm	IICPE 2016	7 <sup>th</sup> India International Conference on Power Electronics (IICPE)	International	2016	2160-3170	TIET, Patiala
39	Model Reduction of LTI Systems using Spectral Projection with Application to Power System	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala

40	Modelling and simulation of PV-biogas based power generation system and its scopes of industrial applications: A case study on Punjab in India	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
41	Multi-level Fusion of Palmprint and Dorsal Hand Vein	ISDIA	Information Systems Design and Intelligent Applications, 2016	National	2016	NA	
42	Optimal Operation of Single-Winding Self-Excited Induction Generator for Single-Phase Power Generation	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
43	Performance Analysis of 3-Phase 17-Level Inverter Based DSTATCOM Feeding Induction Furnace Load	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19	International	2016	2160-3170	TU, Patiala

			Nov., 2016, Thapar Universit y, Patiala				
44	Performance Analysis of 3-Phase 17-Level Inverter Based DSTATCOM Feeding Induction Furnace Load	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala
45	Performance of hybrid wind- microturbine generation system in isolated mode	ICETEESES	Internatio nal Conferen ce on Emerging Trends in Electrical Electronic s & Sustainab le Energy Systems (ICETEE SES)	Intern ation al	2016	978- 1- 5090- 2118- 5	TU Patiala
	Placement of distributed generators for loss minimization and voltage improvement using particle swarm optimization	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov.,	Intern ation al	2016	2160- 3170	TIET, Patiala

			2016, Thapar Universit y, Patiala				
46	Power Quality Enhancement using SVPWM Z-Source Inverter Based DVR	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala
47	Real Time Validation of Proposed Control Scheme of VSI for Integrating Three- Phase Loads/Grid to DC Microgrid	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala
48	Review on Solar and Wind Power Potential in India	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19	Intern ation al	2016	2160- 3170	TIET, Patiala



			Nov., 2016, Thapar Universit y, Patiala				
49	Roadmap to low cost electronically operated prosthetic limbs,	IISF	India Internatio nal Science festival (IISF 2016), December 7-11, 2016, CSIR- NPL, New Delhi	Intern ation al	2016	NA	CSIR- NPL, Delhi
50	Role of DSTATCOM in Distribution Network with Non- Linear and Active Loads	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar Universit y, Patiala	Intern ation al	2016	2160- 3170	TIET, Patiala
51	Scrutinizing Market Behavior for Increasing Reliability in Power Systems	IICPE 2016	7 <sup>th</sup> IEEE India Internatio nal Conferen ce on Power Electronic s, 17-19 Nov., 2016, Thapar	Intern ation al	2016	2160- 3170	TIET, Patiala

			University, Patiala				
52	SDN-Based Data Center Energy Management System Using RES and Electric Vehicles	GLOBECOM	IEEE Global Communications Conference (GLOBECOM), Washington, DC, Dec. 2016	International	2016	978-1-5090-1328-9	Washington, DC
53	Secure message communication among vehicles using elliptic curve cryptography in smart cities	CITS	International Conference on Computer, Information and Telecommunication Systems (CITS), China	International	2016	978-1-5090-0690-8	China
54	Simulation of current limit controller for plug in hybrid electric vehicle applications	IICPE 2016	7th India International Conference on Power Electronics (IICPE), Patiala	International	2016	2160-3170	TIET, Patiala

55	Simulation-Based Performance Analysis of Three-Level 48-Pulse STATCOM with Constant dc Link Voltage for Reactive Power Compensation	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
56	Single Phase Z-Source Inverter for Photovoltaic System	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
57	Stabilization of mobile inverted pendulum using fuzzy PID controller	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala

58	The present energy scenario and need of microgrid in India		Foundations and Frontiers in Computer, Communication and Electrical Engineering, Acharyya (Ed.) © 2016 Taylor & Francis Group, London	International	2016	978-1-138-02877-7	Taylor & Francis Group, London
	Unaddressed Threat to Power Grid Infrastructure: Electromagnetic Pulse	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar University, Patiala	International	2016	2160-3170	TIET, Patiala
59	Unit Commitment Scheduling by Employing Artificial Neural Network Based Load Forecasting	IICPE 2016	7 <sup>th</sup> IEEE India International Conference on Power Electronics, 17-19 Nov., 2016, Thapar	International	2016	2160-3170	TIET, Patiala

			Universit y, Patiala				
60	Z-Source Inverter based DC-DC Converter using SPWM Technique for Fuel Cell Application	ICPEICES	IEEE First Internatio nal Conferen ce on Power Electronic s, Intelligent Control and Energy Systems (IEEE ICPEICE S 2016) from July 04 – 06, 2016 at Delhi Technolo gical Universit y, Delhi, India	Intern ation al	2016	978- 1- 4673- 8587- 9	Delhi Technolo gical Universit y, Delhi
61	Effect of previously install circuit breaker due to the upcoming new generating station	2016 IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems (ICPEICES)	(ICPEICE S)	Intern ation al	2016		Delhi, India

**No. of conference publication in 2017: 26**

Sr. No.	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication
1	A hierarchical SSVM classifier framework for characterization of breast density patterns	AdMet	Advances in Metrology AdMet 2017, March 23-25, 2017, NorthCap University, Gurgaon	National	2017	NA	NorthCap University, Gurgaon
2	A modified design of unmanned aerial & ground vehicle (UAGV)	MSI	IASTED International Conference Modelling, Simulation and Identification (MSI 2017), July 19 - 20, 2017 Calgary, Canada	International	2017	NA	Calgary, Canada
3	A novel energy management system for modified zero energy buildings using multi-agent systems	ICSGSC	IEEE International Conference on Smart Grid and Smart Cities (ICSGSC), Singapore, July 2017	International	2017	978-1-5386-0504-2	Singapore

4	Analysis of Effectiveness of SSSC in Transmission Network using PI Controlled Technique		st International Conference on Power Engineering, Computing and Control		2017	10.1016/j.egypro.2017.05.184	VIT University , Chennai Campus
5	Cancerous skin quantitative assessment based on morphological features using PS-FF-OCT system	ICAOP 2017	OSI Proceedings	International	2017	NA	TU, Patiala
6	Characterization of breast tumors using selected laws' mask texture features	ICIIP	2017 Fourth International Conference on Image Information Processing	International	2017	978-1-5090-6733-6	Shimla, India
7	Circuit realization of fractional order integral and proportional integral controllers for dc servo system	MSI	IASTED International Conference Modelling, Simulation and Identification (MSI 2017), July 19 - 20, 2017 Calgary, Canada	International	2017	NA	Calgary, Canada
	Comparison of Support Vector Machine and Neural Network based classifiers in classification of EEG signals	AdMet 2017	Advances in Metrology AdMet 2017, March 23-25, 2017, NorthCap University, Gurgaon	National	2017	NA	NorthCap University , Gurgaon

8	Computation of Symmetrical Sequence Components in Phasor Measurement Unit	4th International Conference on Microelectronics, Circuits and Systems, Micro 2017	4th International Conference on Microelectronics, Circuits and Systems	International	2017	978-93-80813-45-5	TIET, Patiala
9	Computation of Symmetrical Sequence Components in Phasor Measurement Unit	4th International Conference on Microelectronics, Circuits and Systems, Micro 2017	4th International Conference on Microelectronics, Circuits and Systems, 3-4 June 2017, Darjeeling, India	International	2017	978-93-80813-45-5	TIET, Patiala
10	Design of fuzzy PID controller for mean arterial blood pressure regulation	ISC	IASTED International Conference Intelligent Systems and Control (ISC 2017) July 19 - 20, 2017 Calgary, Canada	International	2017	NA	Calgary, Canada
11	Diagnosis of diabetes by computer methods using iris	AdMet	Advances in Metrology AdMet 2017, March 23-25, 2017, NorthCap University, Gurgaon	National	2017	NA	NorthCap University, Gurgaon
12	Diagnostic tool to predict obstructive lung diseases using iris recognition system	ICACCS	<u>4th International Conference on Advanced Computing and Communication Systems (ICACCS), Sri Eshwar</u>	International	2017	NA	Sri Eshwar College of Engineering, Kinathukadavu, Vadasithur (via),



			<u>College of Engineering, Kinathukadavu, Vadasithur (via), Coimbatore, vol. 11, 2017</u>				Coimbatore
13	Effect of multiple membranes on capacitive micromachined ultrasonic transducers	ISPCC	4th International Conference on Signal Processing, Computing and Control	International	2017	978-1-5090-5838-9	Solan, India
14	Electrical Circuit Model of an Aged Ceramic Humidity Sensor	ICN:3I-2017	International Conference on Nanotechnology: Ideas, Innovations & Initiatives - 2017	International	2017	NA	IIT, Roorkee
15	Harmony search based parameter estimation of distribution transformer	ESDST	ESDST	National	2017	NA	
16	Impact of intermittent wind and solar resources to the dynamics of power system under different loading conditions	INDICON 2017, IIT Roorkee	14th IEEE India Council International Conference	International	2017	NA	TIET, Patiala
17	Impact of intermittent wind and solar resources to the dynamics of power system under different loading conditions				2017	NA	

18	In-vivo quantitative assessment of wounds healing using optical coherence tomography	IEEE Wrap 2017	IEEE Xplore	International	2017	NA	TU, Patiala
19	Load Frequency Control of Hybrid Power System Using Intelligent Controllers	ESHM	7 <sup>th</sup> International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17) 3 <sup>rd</sup> June 2017, NITTR, Chandigarh, India	International	2017	NA	TIET, Patiala
	Pragmatics of capacitive micromachined ultrasonic transducer	ICETCCT	International Conference on Emerging Trends in Computing and Communication Technologies	International	2017	978-1-5386-1147-0	Dehradun, India
20	Quantitative detection of cancerous tissue using SS-OCT		OSI Proceedings	International	2017	NA	TU, Patiala
21	Quantitative detection of morphological alterations in red blood cell during storage using PS-FF-OCT system	IEEE Wrap 2017	IEEE Xplore	International	2017	NA	TU, Patiala

22	Real Power Control for Efficient Energy Management in Storage Free Diesel-SPV based Hybrid Microgrid	ICEO	Proc. International Conference on Energy Options for Tomorrow 2017, 17-19 April, 2017, The Neoutia University, Kolkata.	International	2017	NA	The Neoutia University, Kolkata
23	Reduced order modeling of electrical circuits: Simulation and hardware validation	2017 International Conference on Computing, Communication and Automation (ICCCA),		International	2017	978-1-5090-6471-7	
24	sEMG Interface Design for Locomotion Identification	ICCSED	19 <sup>th</sup> International Conference on Circuit Systems and Electronic Devices, (ICCSED 2017, February 2-3, 2017, Melbourne, Australia	International	2017	NA	Melbourne, Australia
25	The Impact Assessment of Diwali Firecrackers Emissions on the Air Quality of the Capital Region of India	URSI	3rd URSI-Regional Conference on Radio Science, March 1- 4, 2017 Tirupati	National	2017	NA	Tirupati

26	Topographical study of Tungsten Oxide Thin Films annealed at different Temperatures	AdMet	Advances in Metrology AdMet 2017, March 23-25, 2017, NorthCap University, Gurgaon	National	2017	NA	NorthCap University, Gurgaon
27	PV and EV Generation to Reduce Change in frequency and change in tie-line power fluctuations in three area power system	ICECDS-2017	978-1-5386-1887-5/17/IEEE, pp 3200-3205,	International	2017		

**No. of conference publication in 2018: 06**

Sr. No.	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication
1	Automated high resolution full-field spatial coherence tomography for quantitative phase imaging of human red blood cells	Photonics West 2018	Proc. SPIE 10503, Quantitative Phase Imaging IV	International	2018	978-1-510614918	TU, Patiala

2	Consensus of Distributed Second-order Multi-agent System with Saturation and Uneven Time-delays	3rd IFAC Conference on Advances in Control and Optimization of Dynamical Systems	IFAC-PapersOnLine	National	2018	2405-8963	TIET
3	Implementation Techniques for Frequency & Phasor Estimation in Phasor Measurement Units (PMUs)		3rd International Conference On Internet of Things: Smart Innovation and Usages	International	2018	NA	Birla Institute of Applied Sciences, Bhimtal, Nainital, Uttarakhand, India.
4	Non-ideal modelling and IMC based PID controller design of PWM DC-DC buck converter		3rd IFAC Conference on Advances in Proportional-Integral-Derivative Control	International	2018	10.1016/j.ifacol.2018.06.168	TIET
5	Operation of DC drive by solar panel using maximum power point tracking technique		International Conference on Signals, Machines and Automation (SIGMA-2018)	International	2018	NA	NSIT, New Delhi
6	Quantification of breast cancerous tissue using high-resolution full-field optical coherence tomography	SPIE PHOTONICS , Strasbourg, France	Proc. SPIE 1079, Quantitative Phase Imaging	International	2018	NA	TU, Patiala
7	Numerical Analysis of Water drop on Silicone Rubber Insulator for High Voltage Power Transmission Line	PIICON-2018	Proc. PIICON	International	2018	978-1-538673393	TIET Patiala

8	Investigation of Water drop on SIR for High Voltage Transmission line using FEM	PIICON-2018	Proc. PIICON	Conference on Signals, Machines and Automation (SIGMA'18),	2018	978-1-53867339318	TIET Patiala
9	Identification of hidden information using brain signals	<b>Proceedings of International Conference on Signals, Machines and Automation (SIGMA'18),</b>	<b>Conference on Signals, Machines and Automation (SIGMA'18),</b>	<b>International</b>	Jaypee Institute of Information Technology, Noida 2018	February 23-25, 2018, NSIT Delhi, India	NSIT, Delhi
	Design and development of integrated insole system for gait analysis		<b>Eleventh International Conference on Contemporary Computing (IC3),</b>	<b>International</b>		August 02 – 04 2018,	<b>Jaypee Institute of Information Technology, Noida</b>
11	Statistical feature based characterization of fatty and cirrhotic liver using ultra-sound images,		<b>13<sup>th</sup> Western Pacific Conference on Acoustics (WESPAC)</b>	<b>International</b>		November 11-15, 2018,	CSIR-NPL, New Delhi

	Effect of air gap thickness of echo wood material on sound absorption coefficient		<b>13<sup>th</sup> Western Pacific Conference on Acoustics (WESPAC)</b>	<b>International</b>		November 11-15, 2018,	CSIR-NPL, New Delhi
13	R-peak detection and classification using adaptive boosting algorithm		<b>13<sup>th</sup> Western Pacific Conference on Acoustics (WESPAC)</b>	<b>International</b>		November 11-15, 2018,	CSIR-NPL, New Delhi
14							
15	Validation of mono-static SODAR data for atmospheric boundary layer height to MERRA-2 model data	<b>13<sup>th</sup> Western Pacific Conference on Acoustics (WESPAC)</b>	<b>13<sup>th</sup> Western Pacific Conference on Acoustics (WESPAC)</b>	<b>International</b>		November 11-15, 2018,	CSIR-NPL, New Delhi
16	Flexible Integration of PVs and EVs in Power industry to control frequency'	<b>6<sup>th</sup> International Conference on Advancements in Engineering &amp; Technology</b>	<b>(ICAET-2018)</b>	<b>International</b>	2018		
17	Frequency Regulation in PV integrated Power System using MFO tuned PIDF controller	<b>2018 IEEE 8th Power India International Conference (PIICON)</b>	<b>PIICON-2018</b>	<b>International</b>	2018	NIT, Kurukshetra	DOI: <a href="https://doi.org/10.1109/POWER.2018.8704453">10.1109/POWER.2018.8704453</a>

18	Considering Various Equivalent Circuits for Solar PV Array Modelling	<i>2<sup>nd</sup> IEEE International Conference on Energy, Power and Environment</i>	<i>2<sup>nd</sup> IEEE International Conference on Energy, Power and Environment</i>	International	2018	<i>NIT Meghalaya</i>	DOI: 10.1109/EPETSG. 2018.8658741
19	Stability analysis of third- order parametric uncertain nonlinear system	<b>International Conference on Computing, Power and Communication</b>	<b>International Conference on Computing, Power and Communication</b>	International	2018	978-1-5386-44911	TIET
20	PI controller based load frequency control approach for single-area power system having communication delay	3rd IFAC Conference on Advances in Proportional-Integral-Derivative Control	3rd IFAC Conference on Advances in Proportional-Integral-Derivative Control	International	2018		TIET
21	Comparative Study of Active SFCL and Resistive type SFCL on a Nine Bus System	2018 International Conference on Computing, Power and Communication Technologies (GUCON)	2018 International Conference on Computing, Power and Communication Technologies (GUCON)	International	2018	Sep 28-29, 2018	Galgotias University, Greater Noida, UP, India.
	Clustering Application for Streaming Big Data in Smart Grid	International Conference on Communication and Signal Processing	International Conference on Communication and Signal Processing	International		April 3-5, 2018, India	Chennai, India



**No. of conference publication in 2019:**

Sr. No.	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication
	Myoelectric identification of hand movements: a preliminary study		10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019,	International		February 20-22 2019,	CSIR-NPL, New Delhi
1	Identification in the delta domain: A unified approach using hybrid FAPS algorithm	2019 5th International Conference on Advanced Computing and Communication Systems,	ICACCS	International	2019		Thapar Institute of Engineering & Technology

		ICACCS 2019					
2	Numerical investigation of Particle Effect on Water drop under High Voltage Silicone Rubber Insulator	International Conference of High Voltage Engineering & Technology, (ICHVET 2019)	Proc. of ICHVET2019	International	2019	978-1-538675779	TIET Patiala
2	Investigation of brain signals using kNN for lie detection		10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019			February 20-22, 2019,	CSIR-NPL, New Delhi
	Quality estimation of tea on the basis of physical attributes		10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019			February 20-22, 2019,	CSIR-NPL, New Delhi
	Exposure assessment of particulate matter during crop residue burning episodes on		10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019			February 20-22, 2019,	CSIR-NPL, New Delhi

lung functions of school going children							
MEMS based tin oxide thin films sensor for acetone gas detection			10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019			February 20-22, 2019,	CSIR-NPL, New Delhi
Achieving signal integrity for next generation application using silicon interposer package technology			10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019			February 20-22, 2019,	CSIR-NPL, New Delhi
Classification of the cognitive load in multiple object tracking task using LSVM classifier based on EEG			10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019			February 20-22, 2019,	CSIR-NPL, New Delhi
Material characterization by acoustics attenuation measurements in solids			10 <sup>th</sup> International Conference on Advances in Metrology, AdMet-2019			February 20-22, 2019,	CSIR-NPL, New Delhi

	A novel thresholding technique for R-peak detection in ECG		<b>2<sup>nd</sup> International Conference on Advanced Computational and Communication Paradigms (ICACCP-2019)</b>			February 25-28, 2019,	Sikkim Manipal Institute of Technology, Sikkim
	A hybrid filtering based retinal blood vessel segmentation algorithm		<b>1<sup>st</sup> International Symposium on Computer Vision and Machine Intelligence in Medical Image Analysis (ISCMM-2019)</b>			February 26-27, 2018,	Sikkim Manipal Institute of Medical Science (SMIMS), Sikkim
	Gas sensing properties of tungsten oxide, tin oxide and tin-doped tungsten oxide thin films for acetone gas detection		<b>International Conference on Advanced Materials (ICAM-2019),</b>			March 6-7, 2019,	Jamia Millia Islamia (Central University), New Delhi
	Performance of acoustic sounder and analysis of various features of Atmospheric Boundary Layer height during		<b>URSI Asia-Pacific Radio Science Conference (AP-RASC 2019),</b>			09 – 11 March, 2019	New Delhi

	extreme weather conditions						
	<b>Energy efficiency evaluation in commercial and residential buildings with demand side management: A review</b>		<b>8th Int. conference on power system</b>			Dec 20-22 2019	NIT Jaipur
	<b>Forward clearing of energy market for wind incorporated power system</b>	ICCPEIC 2019	<b>8th International Conference on Computation of Power, Energy, Information and Communication, 2019</b>	International	2019	March 27-28 2019	Chennai, Tamil Nadu
	<b>Day-ahead market clearing of energy and reserve for wind integrated deregulated system</b>	ICPES 2019	<b>9th International Conference of Power and Energy Systems</b>	International	2019	December 10-12, 2019	Murdoch University, Perth, Australia

