




JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Electrical Engineering.



FACULTY PROFILE

1. Personal Details

NAME	Dr. Parveen Poon Terang	
DEPARTMENT	Electrical Engineering	
DESIGNATION	Associate Professor	
PHONE	9911382632	
EMAIL ID	ppterang.eed@jssaten.ac.in	
Date of Joining (JSSATEN)	26.03.2001	

2. Experience

Total Experience in Years : 20	Teaching: 20 Years	Industry: 2	Research: 10 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Electrical	1996	NIT, Silchar (Formerly Regional Engineering College)	Assam (Central)Univ.
M.Tech.	Electrical Power System Management (EPSM)	2008	Jamia Millia Islamia, New Delhi	Jamia Millia Islamia, Central University, New Delhi
Ph.D.	Electrical Engg.	2018	Jamia Millia Islamia, New Delhi	Jamia Millia Islamia, Central University, New Delhi

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 02	National: 00
Papers Published in SCOPUS indexed Journals	International: 09	National: 00

Papers Published in other Journals	International: 02	National: 00
Papers Presented in Conferences / Symposium	International: 06	National: 03
Books / Book chapters Published	01	
	Name of Book: Green Engineering & Technology: Concepts and Applications series, "Green Internet of Things for Smart Cities: Concepts, Implications, and Challenges", Publisher: First edition published 2021 by CRC Press © 2021 Taylor & Francis Group, LLC ISBN:9781000352061, 1000352064 Year of Publication: 2021	

5. Research Guidance

PhD Guide? Give field & University	Nil	University: Nil
PhDs / Projects Guided	Nil	Projects at Master's Level: Nil Projects at Bachelors Level: 30

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Nil				

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
Nil		

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
Nil				

7. Awards Received

"Best Paper Award"	"Performance of a Photovoltaic Model" ETEEE-15, National Conference On Emerging Trends in Electrical and Electronics Engineering. Feb 6-7, 2015
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8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1.	User Based Load Visualization of Categorical Forecasted Smart Meter Data using LSTM Network	A.K, Parveen Poon Terang , V Bali	International Journal of Multimedia Data Engineering and Management, IJMDEM, EISSN: 1947-8542/2020 DOI: 10.4018/IJMDEM.2020010103 (ESCI)	Vol 11, Issue 1	Both		
2.	Optimal Load Distribution of Thermal Generation Units Using Particle Swarm Optimization (PSO)	A.S, G M P, Parveen P Terang , A Rawat, N. Agarwal, Prashant	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878 DOI:10.35940/ijrte.B1081.0782S719, Published By: Blue Eyes Intelligence Engineering & Sciences Publication Elsevier	Volume-8, Issue-2S7, July 2019,	Scopus		
3.	'Speed Control of DC Motor using Fuzzy Logic',	A.S, A K S, Parveen P Terang , P.S,	IOP press, Journal of Material Science & Engineering,	Vol 594, Issue 1, pp:1-9, 2019.	Scopus		
4.	DG and its DG Interfaces and its Issues in a Smart Grid Environment	Parveen P Terang , M.S.Thomas	International Journal of Current Engineering and Technology. ISSN 2277 4106	Vol.6, No.4, Aug 2016			

ii. National Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
Nil							

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Detection & Classification of Transmission Line Faults using ANN	Parveen P Terang , S.K. Bisoyi, Chitra Ranjan, Aviral Krishna, Aysuh Raman Rai, Anushka Singh	1st International Symposium on Sustainable Energy and Technological Advancements (ISSETA 2021)	NIT Meghalaya, Shillong. September 2021	(Scopus)		
2	Design of an EV Charging System with Improved Performance	S.K. Bisoyi, Parveen P Terang , Luv Pathak, Abhinav Kumar Singh, Sarthak Singh, Rishabh Khare	1st International Symposium on Sustainable Energy and Technological Advancements (ISSETA 2021)	NIT Meghalaya, Shillong. September 2021	(Scopus)		
3	Comparative Analysis of Design and Simulation of DC-DC Boost Converter	N. Gupta, Parveen P Terang	National Conference on "Smart Energy, VLSI and Embedded Systems" Online Mode(NCSEVES-2021)	JSSATE, Noida September 2021			
4	Electrical Intelligence Based Smart Yield Improvement	S.B, Parveen P Terang , Ankur	National Conference on "Smart Energy, VLSI and Embedded Systems" Online Mode(NCSEVES-2021)	JSSATE, Noida September 2021			
5	Power Loss Reduction in Distribution System using Optimal Placement and Sizing DG	D. P.N, Parveen P Terang , Aryan Chaudhary, Siddhant Verma, Smriti Singh	Online International Conference on Intelligent Control and Computation for Smart Energy and Mechatronics Systems (ICCSEMS - 2020) held online	JSSATEN ON 25-26 September 2020			

6	Advancements in Hybrid Electric Vehicle	S.Kumar, Parveen P Terang	National Conference on Smart Energy Systems NCSSES 2019	14th-15 th June 2019			
7	Advancement in energy meter reading	A.S, Parveen P Terang ,A.T, A.S	International Conference on Startup Ventures: Technology Developments and Future Strategies (SV-TDFS)	2018			
8	Photovoltaic applications through multilevel cascading of DC/DC converters	AS, Parveen P Terang ,V,S.S ,A	International Conference on Startup Ventures: Technology Developments and Future Strategies (SV-TDFS)	2018			
9	Scada and its Applications in Power Generation and Distribution System	AS, Parveen P Terang ,A,A,	International Conference on Startup Ventures: Technology Developments and Future Strategies (SV-TDFS)	2018			
10	Comparative Analysis of DC-DC Converter for Application in Energy System based on Renewable Energy Resources	AS,A.K, Parveen P Terang , P	International Conference on “Advances in Business and Engineering for Sustainability (ABES-2018)	27th-28th March 2018			
11	Intelligent and Robust Control of DER for Autonomous Microgrid Operation	Parveen P Terang , M.S. Thomas	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI 2017)	21 st -22 nd Sept 2017	(Scopus)		
12	Design of PV Array System for Residential Load.	Parveen P Terang , D. Dohare, H Uppal, P Mishra	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI 2017)	21 st -22 nd Sept 2017	(Scopus)		
13	Weightage factor analysis between	Parveen P Terang ,S.K	3 rd IEEE MOOC's Conference MITE2015	2-3 Oct2015	(Scopus)		

	Programme Outcomes and Course Outcomes: A case study	Bisoyi, V.K Chandna					
14	Analysis of Course Outcomes of PE-A tool for Assessment of Programme Outcomes	S.K B, Parveen P Terang , V.K Chandna,	3 rd IEEE MOOC's Conference MITE2015	(2-3 Oct2015)	(Scopus)		
15	Impacts of Interconnection of SOFC to a Radial Distribution System	M.Thomas, Parveen P Terang	6th IEEE International Conf. PIICON	2014 (Dec)	(Scopus)		
16	Performance of a Photovoltaic Model	Parveen P Terang , M. S. Thomas	ETEEE-15, National Conference On Emerging Trends in Electrical and Electronics Engineering	Feb 6-7, 2015			
17	Interconnection Issues in a Smart Distribution System	M.S.Thomas, Parveen P Terang	IEEE International Conf. IICPE	2012 (Dec)	(Scopus)		
18	Islanding Detection using Decision Tree Approach	M.S.Thomas, Parveen P Terang	IEEE International Conf. PEDES	2010 (Dec)	(Scopus)		

iv. Workshops/STTP/Seminar / Conference (Attended)

Sl No.	Name of the workshop / Conference	Organized by	Date
1.	Session Chair in “1st International Symposium on Sustainable Energy and Technological Advancements (ISSETA 2021)”	Department of Electrical Engineering, National Institute of Technology Meghalaya, Shillong, India during 24th - 25th September 2021.	24 th -25 th Sept 2021
2.	National Webinar on “Building (Digital) Products from Scratch”	Department of Physics, JSS Academy of Technical Education, Noida	22nd September 2021.
3.	One Day National Webinar on “Diversity & Inclusion-how they enable learning”	Department of English, JSS Academy of Technical Education, Noida	20th September 2021

4.	14 days Online Faculty Development Program on “a2z of NBA Accreditation Process”	Department of Electronics & Communication Engineering under the aegis of Internal Quality Assurance Cell (IQAC), Inderprastha Engineering College, Ghaziabad.	August 24th - September 09th, 2021
5.	“5th National Level IEEE Project Competition-2021” in recognition of project guided “Smart and Automatic Agriculture System”	IEEE Student Branch (STB17861), GSSSIETW in association with IEEE Bangalore Section and IEEE Mysore Subsection	26 th June 2021.
6.	STTP on Digital Energy Network: IOT Applications in Smart Grid	JIS College of Engineering, Kalyani, West Bengal	16 th -21 st June 2021
7.	5-day FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE)	AICTE	31 st May-4 th June 2021
8.	Session Chair in “3rd International Conference on Energy, Power and Environment: Towards Clean Energy Technologies (ICEPE 2020)” (Technically cosponsored by IEEE Industry Applications Society and IEEE Kolkata Section) organized by National Institute of Technology Meghalaya, Shillong, India	NIT Meghalaya	5 th - 7 th March 2021.
9.	AICTE Sponsored STTP on Moral, Values, Attitude and Behaviour Sciences	GL Bajaj Institute of Technology & Mgmt, Gr. Noida	8 th -13 th Feb 2021
10.	AICTE Training And Learning (ATAL) Academy Online FDP on "Blended Learning and Flipped Classroom"	National Institute of Technical Teachers Training and Research, Chandigarh.	1 st Feb -5 th Feb 2021
11.	Coordinator AICTE sponsored STTP on “Power Electronic Applications for Smart Grid, Electric Vehicles and Renewable Energy Resources”	Dept of EE, JSSATE, Noida	17 th Nov-21 st Dec 2020
12.	Leadership Talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment) held on 13th Jun2020 by MHRD Innovation Cell	MHRD Innovation Cell	13 th June 2020
13.	Two Days Online National Workshop on " Outcome Based Education, NBA Approach"	Dept. Mechanical Engg. Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar (Online Mode)	11 th -12 th June 2020
14.	5day Global E-symposium on 'Global Pandemic Outbreak: Role of Technology and Automation (GPORTA)	Dept. of CSE, JSSATEN (Online Mode)	1 st -5 th June 2020
15.	One week TEQUIP III STTP on Life Cycle Analysis for Development	Engg College Bikaner (Online Mode)	27 th -31 st May 2020

16.	“Recent Advances in Power Electronics Applications with MATLAB Simulations”	NIT Patna (Online Mode)	25 th -30 th May 2020
17.	Webinar Series on 'Beyond the Boundaries: Reinventing Horizons'	SKIT Jaipur (Online Mode)	16 th -20 th May 2020
18.	Recent Developments in Electrical Power System under TEQUIP III	JSSATE, Noida (Organized by Dept. EEE)	11 th -15 th June 2018
19.	Co-ordinator of One Day Seminar on “Application of Soft Computing Techniques to Distributed Energy Resources in a Smart Grid”	JSSATE, Noida (Organized by Dept. EE)	24 th March 2018
20.	One week FDP on MATLAB and LabVIEW with its Hardware Interface	JSSATE, Noida (Organized by Dept. IC)	29 th Jan-2 nd Feb 2018
21.	Two-day International Conference CABLEWIRE2018,	IEEMA, at Le-Meridian, New Delhi	23 rd -24 th August 2018
22.	Two-day workshop on Outcome Based Education.	AKTU, Noida Campus	13 th -14 th April 2018
23.	One day workshop on “Industrial Automation on PLC SCADA”	JSSATE, Noida (Organized by Dept. of Electrical Engineering)	30 th Oct 2017
24.	Two-day FD workshop on “Design and Implementation of Student Centered Learning”	Dr. APJAKTU & IUCEE at JSSATE, Noida	13 th -14 th Jan 2016
25.	ICT based FDP on “Artificial Neural Networks”	JSSATE, Noida (Organized by Dept. of Computer Science Engineering, JSSATE and NITTTR)	25 th April-29 th April 2016
26.	ICT based FDP on “Operations Research”	JSSATE, Noida (Organized by Dept. of Applied Mathematics, JSSATE and NITTTR)	28 th March –1 st April 2016
27.	FDP on “Effective Curriculum Development”	JSSATE, Noida (Organized by Dept. of Mechanical Engineering, JSSATE and NITTTR)	7 th -11 th March 2016
28.	“Research Methodology” through ICT	JSSATE, Noida (NITTTR)	2 weeks* (28 th Dec’15-8 th Jan 2016)
29.	“Paedagogy for Effective use of ICT in Engineering Education”	MGM CET, Noida (Under National Mission on Education through ICT (MHRD), Conducted by IIT, Bombay under ISTE STTP)	2 weeks (5 th -31 st Jan 2015)
30.	“Recent Trends in switchgear & Protection”	TEQUIP-II sponsored 1-week FDP, DTU, Delhi	1 week (21 st -25 th July 2014)
31.	Three-day NBA workshop for stakeholders	NBA Nodal Centre at JSSATEN.	22 nd -24 th Feb 2014
32.	Attended AICTE sponsored National Seminar on “Future of Electric Power Sector: Issues and Challenges	Galgotia College of Engg and Tech, Gr. Noida	16 th March 2013
33.	Emerging Opportunities & Challenges in R&D for Indian Power Sector, Organized by CPRI & CEA	R&D Conclave-2012, New Delhi	19 th -20 th Oct,2012. (2days)

34.	Workshop on “Embedded Systems”	Organized by ECE Department & Pearson, JSSATE, Noida	Sep.2012 (1 day)
35.	STC “Applications of Solar Energy & Photovoltaics”,	IIT Delhi,	12 th -18 th December, 2012(1 Week)
36.	One day Workshop attended on “Design Science Research Methods: Innovating ICT	MTU, Noida	15 th Oct 2011
37.	Attended National Workshop on Development and use of NPTEL Courses, ,	IIT Kanpur & JSSATE, Noida	30 th -31 st October 2010

v. Workshops/STTP/Seminar / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1.	AICTE sponsored STTP on “Power Electronic Applications for Smart Grid, Electric Vehicles and Renewable Energy Resources”	Dept of Electrical Engineering, JSSATE, Noida	17th Nov – 21st Dec 2021 (3 Series)	Coordinator
2	National Conference on Smart Emergy Systems NCSES 2019	JSS Academy of Technical Education, Noida	14th-15th June 2019	Publication Committee
3.	One Day Seminar on “Application of Soft Computing Techniques to Distributed Energy Resources in a Smart Grid”	Sponsored by AKTU, Lucknow	24th March 2018	Coordinator
4	CCIP, IEEE International Conference on Cognitive computing and Information Processing CCIP-2015	JSS Academy of Technical Education, Noida	2-4th March 2015	Coordinator (Stage Committee)
5.	Two-day National Seminar RTDEE-2013 at EED, JSSATE in collaboration with MTU and Schneider Electric Ltd.	JSS Academy of Technical Education, Noida JSSATE in collaboration with MTU and Schneider Electric Ltd.	23rd-24th Aug 2013	Organizing Committee

vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organizer	Date
Nil			

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
Nil				

10. Membership of Professional Bodies:

1. Life Membership in Indian Society for Technical Education (MISTE)-LM44011
2. IEEE Member - MIEEE # 93360023 Uttar Pradesh Section

11. Any other information you will like to share about your professional experience