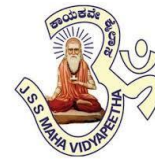




JSS Mahavidyapeetha
JSS Academy of Technical Education, Noida
Department of Electrical Engineering.



FACULTY PROFILE

1. Personal Details

NAME	Mr. Prashant	
DEPARTMENT	Electrical Engineering	
DESIGNATION	Assistant Professor	
PHONE	9716244868	
EMAIL ID	prashant27@jssaten.ac.in	
Date of Joining (JSSATEN)	10/08/2015	

2. Experience

Total Experience in Years 6 Years	Teaching: 6 Years	Industry: Nil	Research: 6 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B. Tech	Electrical Engineering	2011	JSS Academy of Technical Education, Noida (U.P)	Uttar Pradesh Technical University, Lucknow, U.P, India
M.Tech.	Electrical Power System Management	2015	Jamia Millia Islamia, New Delhi, India	Jamia Millia Islamia, New Delhi, India
Ph.D.	Power System Operations	pursuing	Jamia Millia Islamia, New Delhi, India	Jamia Millia Islamia, New Delhi, India

4. Research & Publications

Papers Published in Web of Science indexed Journals	International-03	National:-Nil
Papers Published in SCOPUS indexed Journals	International-04	National:-Nil
Papers Published in other Journals	Nil	Nil

Papers Presented in Conferences / Symposium	International-05	National-01
Books / Book chapters Published		
	Name of the book:-Nil Publisher:-Nil Year of Publication:-Nil	

5. Research Guidance

PhD Guide? Give field & University	Nil	University:-Nil
PhDs / Projects Guided	Ph.D. Awarded: Nil Guiding: Nil	Projects at Master's Level: Nil Projects at Bachelor's Level: 14

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
1.	Intelligent monitoring and controlling of charging and discharging of Electric Vehicles batteries	Patent no. 202111006557(published)

iii. Consultancy

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

7. Awards Received

Awards "Best Paper Award"	Nil
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8. Publications

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the	Volume No. Issue No. Year	WOS /	Impact	Publisher
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			Journal		Scopus / Both	Factor	
1.	Optimal Converging distributed load allocation of three generating units using Genetic Algorithm (GAs)	A. Saxena, Prashant , N K Agarwal	BALTICA Journal	Vol 33, Issue 12,2020	Both (SCI)	1.037	BALTICA Journal
2.	An Optimal Mechanism for Positioning of DG for Stability Enhancement of 33 IEEE Bus System Using Genetic Algorithm (GAs)",	Prashant , Anwar Shahzad Siddiqui	The Journal of Research on the Lepidoptera	Volume 51 (2),2020	Both	NA	Lepidoptera Research Foundation Inc
3.	Optimal Intelligent Strategic LMP Solution & Effect of DG in Deregulated System for Congestion Management	Prashant , Anwar Shahzad Siddiqui	International Transactions on Electrical Energy Systems	Accepted,2021	Both (SCI)	2.860	Wiley Publications
4.	An advance methodology for hybrid modeling and selection of grid integrated renewable energy [wind/solar]	Prashant , Anwar Shahzad Siddiqui, Satyam Bansal, Vidushi	International Journal of Recent Technology and Engineering	Volume-8, Issue-2S7,2019	Scopus	NA	Blue Eyes Intelligence Engineering and Sciences Publication

	profile through proteus						
5.	A Contemporary Method for Harmonics Suppression in Power System By Implementing Shunt Active Power Filter	Kafeel Khan, A.S Siddiqui, Prashant	Journal of critical reviews	Vol 7, Issue 19,2020.	Scopus	NA	Journal of critical reviews
6.	Optimal load distribution of thermal generating units using Particle Swarm Optimization (PSO)	Abhinav Saxena, Prashant , P.Terang	International Journal of Recent Technology and Engineering	Vol-8, Issue-2S7	Scopus	NA	Blue Eyes Intelligence Engineering and Sciences Publication
7.	Novel Power Coefficient for extracting the maximum power in wind power based Doubly fed Induction generator (DFIG) using vector control	A. Saxena,A. singh, Prashant	Materials Science and Engineering (MSE) Journal	Vol-594(2019)012007,2019.	Scopus	NA	IOP Conference Series

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.	Title of the	Name(s)	Name of the	Volume	WOS /	Impact	Publisher
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No.	paper	of Author(s)	Conference	No. Issue No. Year	Scopus	Factor	
1.	Modeling Strategy and Analysis of Solar PV Array Generated Photo-Voltaic Current	Prashant, Md. Areeb, Md. Saem, Ankit Singh	International Conference on Intelligent Control and Computation for Smart Energy and Mechatronic Systems	NA	-	-	ICCSEMS2020, JSSATE, Noida.
2.	Study of various FACTS devices for steady and dynamic state stability of Power System'	Prashant, Palak Tusyan, A singh	Conference INDIACOM 2018 on "Computing for Sustainable Global Development	NA	Scopus	-	IEEE Conference
3.	Analysis Three Phase Induction Motor in Different Speed Reference Frame Coordinates	Abhinav Saxena, Prashant	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017)	Vol.1	Both	-	IEEE Conference
4.	Fault Injection Aanalysis of Wound Rotor Induction Motor and Doubly Fed Induction Motor (DFIG)	A. Saxena Prashant, Saurabh Trivedi	IEEE Conference INDIACOM 2017 on "Computing For Sustainable Global Development	NA	Scopus	-	IEEE Conference
5.	Protection of 3 phase induction motor under single phase fault	A.Saxena Prashant, Sanjiba Bisoyi, Abul Kalam	Advances in Business and Engineering for Sustainability (ABES-2018)	NA	-	-	(ABES-2018)
6.	Application of FACTS Devices in Modern Power System	Prashant, Anwar Shahzad Siddiqui	National Conference on Emerging Trends in Electrical and Electronics Engineering	NA	-	-	(ETEE)-2015, Jamia Millia Islamia, New Delhi

	Operations						
7.	An Overview of the Applications and Advancement of Industrial Automated System and it's Controlling through PLC-SCADA	Prashant, Sanjiba Kumar Bisoyi, Nirmal Kr. Agarwal	National Conference on "Smart Energy, VLSI and Embedded Systems" (NCSEVES-2021)	NA	-	-	JSSATE, Noida

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	GIAN (Global Initiative of Academic Networks) course- Role of Smart Building Energy Management System in the Development of Smart City	Jamia Millia Islamia, New Delhi, sponsored by MHRD, Govt of India.	6/3/2018 to 10/3/2018
2	One Week Modular Course on Basics of Cryptography and Information Security	C-DAC, Noida	18/9/2017 to 22/9/2017
3	One week FDP on "Sustainable, reliable solutions to power quality problems in smart power system network"	JSSATE, Noida, TEQIP-III, sponsored by AKTU, Lucknow.	08/10/2018 to 13/08/2018
4	Two-week FDP on "Entrepreneurship"	ABES Engineering College, Ghaziabad, sponsored by Department of Science & Technology, Govt. of India.	2/01/2019 to 15/01/2019
5	Two-week International FDP on "Techno-Economical and Environmental Aspects of Electrical Energy Systems for Sustainable Development"	TEQIP-III, G.B Pant Institute of Engineering and Technology, Uttarakhand.	7/09/2020 to 18/09/2020
6	One Week International "Faculty Development Program on "Digital Learning with Multidisciplinary Approaches (DLMA)"	JSSATE, Noida	12/06/2020 to 17/06/2020
7	One week FDP on "Green Chemistry and Clean Technology"	JSSATE, Noida	11/6/2018 to 16/06/2018
8	STTP on "Power Electronic Applications for Smart Grid, Electric Vehicles and Renewable Energy	Department of Electrical Engineering, JSSATE, Noida, sponsored by AICTE.	26/11/2020 to 1/12/ 2020

9	Global Pandemic Outbreak: Role of Technology and Automation(G-PORTA)	JSSATE, Noida	1/05/2020 to 5/06/2020
10	Modern Innovations and Development in Renewable Energy Technology	AICTE Training and Learning (ATAL) Academy, University of Lucknow.	12/07/2021 to 16/07/2021

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	National Conference “Smart Energy Systems NCSES 2019	Department of Electrical Engineering, JSSATE, Noida	14-15 th June, 2019	Member – Organizing Committee
2.	One Day Seminar on "Application of Soft Computing Techniques on Distributed Energy Resources in a Smart Grid”	Department of Electrical Engineering, JSSATE, Noida	24/03/2018	Member – Organizing Committee
3.	Sustainable, reliable solutions to power quality problems in smart power system network”	Department of Electrical Engineering, JSSATE, Noida	08/10/2018 to 13/08/2018	Member – 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
1	DC Micro grid and Control System	NPTEL	Nov, 2020	82%
2	Non-Conventional Energy Resources	NPTEL	April,2020	79%
3	Ethics in Engineering Practice	NPTEL	April,2020	92%
4	Power System Dynamics, Control and Monitoring	NPTEL	April, 2019	60%

10. Membership of Professional Bodies:

1. Life Membership in Institution of Engineers (INDIA)- AM183641-5
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11. Any other information you will like to share about your professional experience

1. Awarded Title of **Chartered Engineer** from Institution of Engineers (India)
2. Served as Reviewer in reputed International Journals and Conferences like Applied Soft Computing Technology, SCIE indexed Journal, Electric Power Components and Systems, SCIE indexed

Journal, Computer and Electrical Engineering, SCIE indexed Journal and 2021 International Conference on Innovation and Intelligence for Informatics, Computing, and Technologies (3ICT).

3. Served as member in various committees of the department like NBA, NAAC, Examination, Placement etc.