




JSS Mahavidyapeetha
JSS Academy of Technical Education
Department of Electrical Engineering



FACULTY PROFILE

1. Personal Details

NAME	UDIT MITTAL	
DEPARTMENT	ELECTRICAL ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	7503261281	
EMAIL ID	uditmittal.eed@jssaten.ac.in	
Date of Joining (JSSATEN)	02.08.2010	

2. Experience

Total Experience in Years	Teaching: 11 Years	Industry: NIL	Research: 4 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E. / M.Sc.	Electrical Engineering	2007	Zakir Hussain College of Engineering and Technology (ZHCET)	Aligarh Muslim University, Aligarh
M.E. / M.Tech. / M.Sc.	Power System and Drives	2009	Zakir Hussain College of Engineering and Technology (ZHCET)	Aligarh Muslim University, Aligarh
Ph.D.	Power System Optimization	Pursuing	Department of Electrical Engineering	Delhi Technological University, Delhi

4. Research & Publications

Papers Published in Web of Science indexed Journals	International:	National:
Papers Published in SCOPUS indexed Journals	International:1	National: NIL
Papers Published in other Journals	International:1	National: NIL

Papers Presented in Conferences / Symposium	International: 2	National: NIL
Books / Book chapters Published		
	Name of the book: NIL Publisher: NIL Year of Publication: NIL	

5. Research Guidance

PhD Guide? Give field & University	NIL	NIL
PhDs / Projects Guided	NIL	NIL

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

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 Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1.	Modeling and simulation of Automatic Three Point Starter	Anand K Pandey, Vishesh Sharma, Udit Mittal , Shradha Srivastava	International Journal of Engineering Research & Technology	Vol. ISSN:2278-0181, Vol. 6, Issue 05	NIL	7.87 (2019-20)	

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.	Density-Based Remote Override Traffic Control System	Varshney G., Jaiswal A., Mittal U. , Pawar A., Satyajeet	Machine Learning, Advances in Computing, Renewable Energy and Communication, 2020.	768, Lecture Notes in Electrical Engineering, Aug. 2021	Scopus	Springer
2.	Limitations and improvement in the assessment of Course outcomes	A. Saxena, U. Mittal , A. Pawar and V. K. Chandana	IEEE 3rd International Conference on MOOCs, Innovation and Technology in Education (MITE)	Oct. 2015	Scopus	IEEE
3.	Design and Modelling of Hybrid Power Generation System Using Solar PV and Wind Turbine	Udit Mittal , Gunjan Varshney, Amit K Roy, Abhilasha Pawar	International Conference on Intelligent Control and Computation for Smart Energy and Mechatronic Systems (ICCSEMS2020)	2020			

iv. Workshops /Conferences/FDP/webinar Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	One day IEEE webinar on “Sensors and Actuators”	IEEE	4 th July, 2021
2.	Five-day virtual STTP on “Modern Power System Optimization: Techniques, Tools and Applications (MPSOTTA)” organized by department of EEE, NIT-Tiruchirappalli.	NIT, Tiruchirappalli	May 03-07, 2021
3.	One-week FDP on “Power Electronics Applications in Microgrid and Electric Vehicle Systems” held online by J. C. Bose University of Science and Technology, YMCA, Faridabad.	J. C. Bose University of Science and Technology, YMCA, Faridabad	March 01-06, 2021
4.	One-week FDP on “Power System Optimization & Control” held online by Rajkiya Engineering College Ambedkar Nagar, Uttar Pradesh.	Rajkiya Engineering College Ambedkar Nagar, Uttar Pradesh	14.12.2020- 18.12.2020
5.	One-week online FDP on “Power Quality and Reactive Power Management” during 6-10th July, 2020 at Department of Electrical Engg., DTU.	Department of Electrical Engg., DTU.	6-10 th July 2020
6.	One-week online FDP on "Role of Energy Management in Smart City" organized by Sharda University, Greater Noida, School of Engineering and Technology, Sharda University, Greater Noida (Online Mode)	School of Engineering and Technology, Sharda University, Greater Noida	June 15-19, 2020
7.	One-week FDP on Artificial Intelligence, Machine Learning, IOT and Big Data Applications in Power Electronics and its allied areas at GRIET, Hyderabad (Online Mode)	GRIET, Hyderabad	June 1-6, 2020
8.	TEQIP-III one-week STTP on Life Cycle Analysis for Sustainability at Engineering College Bikaner (Online Mode)	Engineering College Bikaner	27-31 May, 2020
9.	Webinar Series on 'Beyond the Boundaries: Reinventing Horizons' at SKIT Jaipur (Online Mode)	SKIT Jaipur	May 16-20, 2020
10.	Sustainable, reliable solutions to power quality problems in smart power system network at JSSATE, Noida	JSSATE, Noida	October 8-13, 2018
11.	One-week FDP on "Signal Processing and Its Applications" at JSSATE, Noida	JSSATE, Noida	April 23-28, 2018

12.	One-week FDP on Power System and Operation Control at GNIOT, Greater Noida	GNIOT, Greater Noida	23.05.2017-27.05.2017
13.	One-week FDP on “MATLAB and LabVIEW with its Hardware Interface” through ICT mode at JSSATE, Noida	JSSATE, Noida	January 11-15, 2016
14.	One-week STC on “Research Methodology” organized by NITTTR, Chandigarh at JSSATE, Noida	NITTTR, Chandigarh at JSSATE, Noida	28.12.2015 to 08.01.2016
15.	One-week STC on “New Trends in Power System Protection & Control Techniques” at IIT Roorkee	IIT Roorkee	July 06-10, 2015
16.	Three days FDP on the topic entitled “Power Quality Problems and their Solutions” at ABESIT, Ghaziabad	ABESIT, Ghaziabad	July 04-06, 2014
17.	Three days FDP on the topic entitled “Advances in Sensors and Instrumentation” at AKGEC, Ghaziabad	AKGEC, Ghaziabad	May 07-09, 2014
18.	Two-Days National Seminar on “Recent Technological Developments in the field of Electrical Engineering (RTDEE-2013) at JSSATE, Noida	JSSATE, Noida	August 23-24, 2013
19.	One-week STC on “Power System Economics” at IIT Kanpur	IIT Kanpur	July 26-30, 2013
20.	One day FDP on “Economics Operations of Power System” at AKGEC, Ghaziabad	AKGEC, Ghaziabad	5 th December,2012

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1.	Two days national seminar on “Recent Technological Developments in the field of Electrical Engineering (RTDEE-2013)”	JSSATE, Noida	23-24 th August, 2013	Dy. Coordinator

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	Attended one day online tutorial session in connection with international conference on “Intelligent control and computation for smart energy and mechatronic systems (ICCSEMS-2020)	JSSATE, Noida	24th Sep. 2020

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1.	Fuzzy Logic and Neural Networks	NPTEL	Feb-April 2019, Silver Medal	88%
2.	Accreditation and Outcome Based Learning	NPTEL	26 th August 2019 to 10 th November 2019 - Gold Medal	90%
3.	Non-Conventional Energy Resources	NPTEL	27.01.2020 to 20.04.2020	88% continuous online assessment score
4.	Electric Power Systems	COURSERA	Certificate earned on 27th July, 2020	85%

10. Membership of Professional Bodies:

1. Life Membership in Indian Society for Technical Education (LMISTE) - LM83200
2. IEEE Membership, Member # 97681464 valid through 31 st Dec 2021

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

NIL