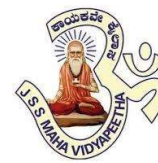





JSS Mahavidyapeetha
JSS Academy of Technical Education
Department of Electrical Engineering



FACULTY PROFILE

1. Personal Details

NAME	Arun Kumar Rawat	
DEPARTMENT	Electrical Engineering	
DESIGNATION	Assistant Professor	
PHONE	8826020393, 9911584863	
EMAIL ID	arunrawat@jssaten.ac.in	
Date of Joining (JSSATEN)	01.03.2013	

2. Experience

Total Experience in Years:19	Teaching: 19 Years	Industry: NIL	Research: 4
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Electrical Engineering	1999	N.I.T Silchar, Assam	Assam University
M.E.	Industrial Systems & Drives	2003	M.I.T.S Gwalior. M.P	R.G.P.V Bhopal M. P
PHD	Renewable Energy Resources	Pursuing	GLA University, Mathura, Uttar Pradesh	GLA University, Mathura, Uttar Pradesh

4. Research & Publications

	INTERNATIONAL	NATIONAL
Papers Published in Web of Science indexed Journals	1	NIL
Papers Published in SCOPUS indexed Journals	1	NIL
Papers Published in other Journals	NIL	NIL
Papers Presented in Conferences / Symposium	1	NIL
Books / Book chapters Published	NIL	
	Name of the book: Publisher: Year of Publication:	

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
1	A NOVEL ALGORITHM BASED ON POISSO-LAGRANGE-NEWTON RAPHSON METHOD FOR THE STABILITY AND CONVERGENCE ANALYSIS OF VARIOUS ENGINEERING APPLICATION	Application No.202211042039 A Date of filing:22/07/2022 Publication Date: 29/07/2022

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	Abnormal Health Monitoring and Assessment of a Three-Phase Induction Motor Using a Supervised CNN-RNN-Based Machine Learning Algorithm	Abhinav Saxena, Rajat Kumar, Arun Kumar Rawat, Mohd Majid, Jay Singh, S. Devakirubakaran, and Gyanendra Kumar Singh	Mathematical Problems in Engineering	Volume 2023, Article ID 1264345 https://doi.org/10.1155/2023/1264345	WOS(SCI) & Scopus	1.58	Hindawi
2	Optimal Load Distribution of Thermal Generating Units using Particle Swarm Optimization (PSO)	Abhinav Saxena, G.M Patil, Prashant, Parveen Poon Terang, Nirmal kumar Agarwal, Arun Rawat	International Journal of Recent Technology and Engineering (URTE)	Volume-8, Issue-2S7, July 2019 DOI:10.35940/ijrte.B1081.07825719	Scopus	2.5	Blue Eyes Intelligence Engineering & Sciences Publication

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.	An Analysis of Solar PV System with MPPT for Home Grid Applications	Arun Kumar Rawat, Prashant, Nirmal Kumar Agarwal	International Conference on Computing for Sustainable Global Development, sponsored by IEEE Delhi Section	Accepted	Scopus	-	IEEE Xplore

iv. Workshops / Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	International Conference on Computing for Sustainable Global Development, sponsored by IEEE Delhi Section	Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM)	15 th -17 th March 2023

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
NIL				

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	Green Energy Technologies for Sustainable development	N.I.T Kurukshetra	June 11-20, 2020
2	Power Electronics Applications in Microgrid and Electric Vehicle Systems	J. C. Bose University of Science and Technology, YMCA, Faridabad,	March 01-06, 2021.
3	National Intellectual Property Awareness Mission	Intellectual Property Office and MoE's Innovation Cell, India	June 22, 2022

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:

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