CURRICULUM VITAE

Dr. Subhodip Saha

Temporary Faculty
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ACADEMIC QUALIFICATION

Degree/ Examination	Specialization	Year of passing	University/Board	CGPA/ Percentage
Ph.D	Electrical Engineering	2020	IIT (ISM), Dhanbad	-
M. Tech	Power System	2015	IIT (ISM), Dhanbad	9.32/10
B. Tech	Electrical Engineering	2012	West Bengal University of Technology (presently MAKAUT)	8.28/10
Higher Secondary	Science	2008	WBCHSE	83.6 %
Secondary	-	2006	WBBSE	89 %

TEACHING EXPERIENCE

Sl. No.	Organization	Position Held	Period	Courses Taught
1	Punjab Engineering College (Deemed to be University), Chandigarh	Temporary Faculty	August, 2021 to Till Date	Basic Electrical Engineering, High Voltage Engineering, Introduction to Mechatronics, Research Methodology
		Guest Faculty	July, 2021 to August, 2021	
		Contractual Faculty	February, 2021 to June, 2021	
2	IIT (ISM), Dhanbad	Teaching Assistant	July, 2015 to August, 2020	Electrical Machines Lab, Advanced Power Systems Lab

RESEARCH EXPOSURE

- **Title of Ph.D Thesis:** An Ensemble of Chaos Embedded Symbiotic Organisms Search Algorithm for Optimal Distributed Generation Allocation in Distribution Networks
  Advisor: Dr. V. Mukherjee, Dept. of Electrical Engineering, IIT(ISM), Dhanbad
- **Title of M. Tech Dissertation:** Congestion Management in Deregulated Electricity Environment Using Soft Computing Techniques
  Advisor: Dr. V. Mukherjee, Dept. of Electrical Engineering, IIT(ISM), Dhanbad
- **Research Interest:** Distributed Generation, Evolutionary Optimization, Multi-objective Optimization, Optimal Operation and Control of Power System, Swarm Intelligence Algorithms

PUBLICATIONS

In International Journals

1. **Saha, S.**, and Mukherjee, V. (2021). "A novel multi-objective modified symbiotic organisms search algorithm for optimal allocation of distributed generation in radial distribution system." *Neural Computing and Applications,* 33, 1751-1771. (**SCIE**, **IF: 5.606**)
2. **Saha, S.**, and Mukherjee, V. (2019). "A novel multiobjective chaotic symbiotic organisms search algorithm to solve optimal DG allocation problem in radial distribution system." *International Transactions on Electrical Energy Systems*, 29(5), e2839. (**SCIE**, **IF: 2.860**)
3. **Saha, S.**, and Mukherjee, V. (2018). "A novel chaos integrated symbiotic organisms search algorithm for global optimization." *Soft Computing*, 22(11), 3797-3816. (**SCIE**, **IF: 3.643**)
4. **Saha, S.**, and Mukherjee, V. (2018). "A novel quasi-oppositional chaotic antlion optimizer for global optimization." *Applied Intelligence*, 48(9), 2628-2660. (**SCI**, **IF: 5.086**)
5. Verma, S., **Saha, S.**, and Mukherjee, V. (2018). "Optimal rescheduling of real power generation for congestion management using teaching-learning-based optimization algorithm." *Journal of Electrical Systems and Information Technology*, 5(3), 899-907.
6. Verma, S., **Saha, S.**, and Mukherjee, V. (2017). "A novel symbiotic organisms search algorithm for congestion management in deregulated environment." *Journal of Experimental and Theoretical Artificial Intelligence*, 29(1), 59-79. (**SCIE**, **IF: 2.340**)
7. **Saha, S.**, and Mukherjee, V. (2016). "Optimal placement and sizing of DGs in RDS using chaos embedded SOS algorithm." *IET Generation, Transmission and Distribution*, 10(14), 3671-3680. (**SCIE**, **IF: 2.995**)

In International Conference

8. **Saha, S.**, and Mukherjee, V. (2020). "A novel metaheuristic for optimal allocation of distributed generation in balanced distribution network considering hourly load variation." IEEE 9th Power India International Conference (PIICON), 28 Feb-1 March, DCRUST, Murthal, India.

RESEARCH OUTREACH

Total Number of Citations	h-index	i10-index	Scopus h-index
303	7	7	6

PROFESSIONAL SERVICES

Served as reviewer for the following international journals:

1. IEEE Transactions on Systems, Man, and Cybernetics: Systems
2. IET Generation, Transmission and Distribution
3. IET Renewable Power Generation
4. IEEE Access
5. Journal of Computational Design and Engineering
6. Expert Systems
7. Complexity
8. Computational Intelligence and Neuroscience
9. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields

ACHIEVEMENTS

- Awarded Doctoral Research Fellowship from MHRD, Govt. of India during Ph.D tenure
- Secured 94.37 percentile in GATE 2013 in Electrical Engineering and awarded Scholarship from MHRD, Govt. of India during M.Tech
- Awarded Merit cum Means Scholarship from WBCHSE, Govt. of West Bengal

PERSONAL DETAILS

Date of Birth	**:**	10.10.1990
Gender	**:**	Male
Marital Status	:	Unmarried
Category	**:**	SC
Languages Known	**:**	Bengali, English and Hindi
Permanent Address	**:**	Saspur Para, P.O.- Kalna, Dist.- Purba Bardhaman, West Bengal, PIN- 713409

REFEREES

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   Department of Electrical Engineering
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   Phone: +91 9471191127

2. Dr. Jagdish Kumar
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