Curriculum Vitae

1. Name (Block Letters)   : SUMAN SUTRADHAR

2. Father's/Mother's/ Husband's Name   : NIROD CHANDRA SUTRADHAR

3. Current Designation   : Assistant Professor

4. Department   : Electrical Engineering

5. Institute   : JORHAT ENGINEERING COLLEGE

6. Address for correspondence (with pin code) : **Department of Electrical Engineering Jorhat Engineering College Jorhat -785007 (Assam)**

7. Permanent address(with pin code)   : Desh Bandhu Para, PO. Mathabhanga, Dist Coochbehar, West Bengal, PIN: 736146

     Telephone No   : 7076788408
     E –mail   : suman9434688001@gmail.com

8. Educational qualification (HSLC onwards)

Qualification	Board/University	Year of obtaining degree	Specialization
HSLC	West Bengal Board of Secondary Education	2003	General
HS	West Bengal Council of Higher Secondary Education	2005	Science
B.Tech	West Bengal University of Technology	2009	Electrical Engineering
M.Tech	Jadavpur University	2012	Power System

9. Research Degree(s):

Degree	Name of the University	Date of award	Title
Ph.D	NIT Silchar	20/02/2018	Some Studies on Intelligent Algorithms for optimal Operation of Power System under Conventional and Deregulated Environment

10. Details of Teaching/Research/Academic experience:

Designation	Employer	Period of Service		Scale of Pay
		From	To	
Assistant Professor	Jorhat Engineering College	04/01/2018	Till date	72000 Consolidated
Temporary Faculty	NIT Silchar	16/08/2017	31/12/2017	35000 Consolidated
Guest Faculty	Jadavpur University	07/01/2011	09/07/2011	NA
Guest Faculty	Jadavpur University	07/01/2010	06/07/2010	NA

11. Details of publication

Journals

[1] Sutradhar, S., Choudhury, N.B. and Sinha, N. Modelling of Hydrothermal Unit Commitment Coordination Using Efficient Metaheuristic Algorithm: A Hybridized Approach, Volume 2016, Article ID 4529836, *Journal of Optimization*, *2016*. https://doi.org/10.1155/2016/4529836

[2] Barman, Mayur, NB Dev Choudhury, and Suman Sutradhar. "A regional hybrid GOA-SVM model based on similar day approach for short-term load forecasting in Assam, India." Energy 145 (2018): 710-720.

[3] Suman Sutradhar, Nalin B. Dev. Choudhury, Nidul Sinha, Transmission Constraint Modelling in Hydrothermal Scheduling Using AC Load Flow Model under Deregulated Environment, WSEAS Transactions on Power Systems, Volume 13, 2018, Art. #19, pp. 188-199, ISSN / E-ISSN: 1790-5060 / 2224-350X

[4] Suman Sutradhar, "Restructured Hydrothermal System: Slack bus Management", WSEAS Transactions on Power Systems, Print ISSN: 1790-5060 , E-ISSN: 2224-350X, Volume 17, 2022, Art. #17, p.169-176

Book/e-book/book Chapter :

Conferences

1. Sutradhar, S., Dev Choudhury, N.B. and Sinha, N., 2015, September. Grey wolf optimizer for short term hydrothermal scheduling problems. In *Michael Faraday IET International Summit 2015* (pp. 522-527). IET.

2. Sutradhar, S., Choudhury, N.D. and Sinha, N., 2015, December. Mixed integer non-linear programming for hydrothermal scheduling problem. In *India Conference (INDICON), 2015 Annual IEEE* (pp. 1-6). IEEE.

3. Sutradhar, S., Choudhury, N.D. and Sinha, N., 2016, July. MINLP for Hydro-Thermal Unit Commitment problem using BONMIN solver. In *Power Electronics, Intelligent Control and Energy Systems (ICPEICES), IEEE International Conference on* (pp. 1-6). IEEE.

4. Sutradhar, S., Choudhury, N.D. and Sinha, N., 2015, December. Hydrothermal scheduling using Modified Flower Pollination Algorithm: A Parallel Approach. In *IEEE region 10th Conference (TENCON), 2017 Annual IEEE* (pp. 1-6). IEEE.

5. Sutradhar, S., Choudhury, N.D. and Sinha, N., 2016, December. MINLP for Hydrothermal Scheduling Problem Considering transmission Loss. In *India Conference (INDICON), 2016 Annual IEEE* (pp. 1-6). IEEE.

6. Sutradhar, Suman, Nalin B. Dev Choudhury, and Nidul Sinha. "Parallel ABC optimization algorithm for hydrothermal scheduling problems." AIP Conference Proceedings. Vol. 1998. No. 1. AIP Publishing LLC, 2018.

12. Area of Specialization: Electrical Engineering
13. Areas of Research Interest : Power System
14. M.Tech Dissertation Supervised

Sl No.	Name of Student	Dissertation	Year	Status
				Completed/Ongoing

15. PhD Thesis Supervised

Sl No.	Name of Student	Research Topic	Year of registration	Status
				Completed/Ongoing

16. Professional membership

Sl No.	Details	Organisation	Year

17. Details of participation in Faculty Development program/STTPs/Training activities

Sl No.	Details of FDP/STTPs/Training activities attended	Organisation	No of days	Year
1	Hands on Training Program on Mi-Power Software	NIT Silchar	3	2016
2	Faculty Induction Workshop	IIT Kharagpur	5	2018
3	Two days Workshop on Signal Processing Image Processing Computer Vision and Application	Jorhat Engineering College	2	2018
4	Workshop on Advanced Matlab and its Application	Jorhat Engineering College	2	2018
5	Faculty Development Programme	IIT Madras	5	2018
6	Multimedia Signal Processing and selected topics on Control System	Jorhat Engineering College	10	2018
7	Faculty Development Programme	IIT Madras	5	2019

18. List of short term courses organised/Conferences arranged/Course modules developed

Sl No.	Details of STTP/conferences organised	Venue	Date

19. Chair in Conference/ Invited Lecture/ Key note speaker:

20. Details of R&D Projects

Sl No.	Details	Organisation	Year	Status	Amount
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21. Details of Major Consultancy Projects involved

Sl No.	Details	Organisation	Year	Amount
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22. Other information:

Sl No.	Details	Organisation	Year
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