

Sl.No.	Authors	Title	Publication	Volume	Number	Pages	Year	Publisher
1	Dhar, Sourav; Ray, Amitava; Chakravorty, Sandeep; Bera, Rabindranath;	Intelligent vertical handover scheme for utopian transport scenario	Trends in Applied Sciences Research	6	9	958-976	2011	Academic Journals Inc.
2	Chakravorty, Sandeep; Ghosh, Smarajit;	Fuzzy Based Distribution Planning Technique	Journal of Electrical Engineering	9	2	38-43	2009	
3	Chakravorty, Sandeep; Ghosh, Smarajit;	An Improvised Method for Distribution of Loads and Configuration of	International Journal of Engineering Research and Industrial Applications	2	11	269-280	2009	
4	Chakravorty, Sandeep; Ghosh, Smarajit;	Distribution planning based on reliability and contingency criteria	International Journal of Computer and Electrical Engineering	1	2	156-161	2009	
5	Chakravorty, Sandeep; Ghosh, Smarajit;	A novel approach to distribution planning in an unstructured	International Journal of Computer and Electrical Engineering	1	3	350	2009	IACSIT Press
6	Chakravorty, Jaydeep; Chakravorty, Sandeep; Ghosh, Smarajit;	A fuzzy based efficient load flow analysis	International Journal of Computer and Electrical Engineering	1	4	414	2009	IACSIT Press
7	Chakravorty, Sandeep; Thukral, Manish;	Using Genetic Algorithm to Determine the Optimum Location of the Sub Station	International Workshop and IEEE EDS Mini Colloquia on Nanometer CMOS Technology (WIMNACT			8-Jun	2008	
8	Chakravorty, Sandeep; Thukral, M;	Optimal Allocation of Load Using Optimization Technique	Innovations and Advanced Techniques in Systems, Computing Sciences and Software Engineering			435-437	2008	Springer, Dordrecht
9	Chakravorty, Sandeep; Ghosh, Smarajit;	A Hybrid Model of Distribution Planning	International Journal of Computer and Electrical Engineering	1	3	356	2009	IACSIT Press
10	Chakravorty, Sandeep;	Manish thukral.(2009), "Choosing Distribution Sub Station Location Using Soft Computing Technique"	International Conference on Advances in Computing, Communication and Control-2009					
11	Chakravorty, Sandeep; Thukral, Manish;	Choosing distribution sub station location using soft computing technique	Proceedings of the International Conference on Advances in Computing, Communication and			53-55	2009	ACM
12	Chakravorty, Sandeep; Ghosh, Smarajit;	Power distribution planning using multi-criteria decision making method	International Journal of Computer and Electrical Engineering	1	5	596	2009	IACSIT Press
13	Dhua, SK; Ray, Amitava; Jha, S; Chakravorty, S;	Metallurgical investigation into the causes of premature failure of steel	Journal of Failure Analysis and Prevention	4	2	17-23	2004	Springer Boston

14	Baruah, Sulochana; Raj, Swati; Ray, Amitava; Chakravorty, Sandeep;	Analysis of influencing factors for costs on substation siting based on DEMATEL method	Procedia engineering	38		2564-2571	2012	Elsevier
15	Chakravorty, Sandeep; Ray, Amitava;	Optimum sub-station positioning using hierarchial clustering	Advances in Computing and Information Technology			405-412	2013	Springer, Berlin, Heidelberg
16	Tung, Navpreet Singh; Chakravorty, Sandeep;	Optimized Power Distribution Planning: A Review	International Journal of Electronics and Electrical Engineering	2		332-335	2014	
17	Sarkar, S; Chakravorty, S;	Node voltage improvement by capacitor placement in distribution network: A	International Journal of Engineering Science and Technology	2	10	5575-5582	2010	
18	Chakravorty, Sandeep; Chakravorty, Jaydeep; Sarkar, Shweta;	Node Voltage Improvement by Network Reconfiguration: A Soft Computing Approach	2009 International Conference on Advances in Computing, Control, and Telecommunication			687-691	2009	IEEE
19	Chakravorty, Sandeep; Chakrabarti, Amrita;	Hidden layer optimization of neural network using computational technique	Proceedings of the International Conference on Advances in Computing, Communication and			559-561	2009	ACM
20	Tung, Navpreet Singh; Chakravorty, Sandeep;	Active Power Dispatch Planning Using Differential Evolution Algorithm	Journal of Industrial and Intelligent Information Vol	2	3		2014	
21	Amar Singh, Shakti Kumar, Sukhbir Singh Walia, Sandeep Chakravorty;	Face Recognition: A Combined Parallel BB-BC & PCA Approach to Feature Selection	International Journal of Computer Science and Information Technology	2	Spl. Issue 2	1694-2345	2015	Elixir
22	Rajan Sharma, Sandeep Chakravorty;	Firefly Optimization Approach to Sensor Deployment for Coverage Area	International Journal of Electrical and Electronics Engineering	2	Spl. Issue 2	1694-2426	2015	Elixir
23	Sandeep Chakravorty, Navpreet Tung;	Neuro Inspired Genetic Hybrid Algorithm for Active Power Dispatch	International Journal of Hybrid Information Technology	8		171-184	2015	
24	Chakravorty, Navpreet Singh Tung and Sandeep;	Grey Wolf Optimization for Active Power Dispatch Planning Problem	International Journal of Hybrid Information Technology	8		117-134	2015	
25	Uddin, Shabbir; Ray, Amitava; Sherpa, Karma Sonam; Chakravorty, Sandeep;	Design of an expert system for distribution planning system using soft computing techniques	International Journal of Energy Optimization and Engineering (IJEEO)	5	2	45-63	2016	IGI Global
26	Sandeep, Navpreet Singh Tung and Chakravorty;	Gravity Local Search Inspired Particle Swarm Algorithm for Economic Power	International Journal of Grid and Distributed Computing	9		111-124	2016	

27	Sandeep, Navpreet Singh Tung and Chakravorty;	Solution to Economic Power Dispatch Planning Problem considering Generator	International Journal of Hybrid Information Technology	9		399-406	2016	
28	Shabbiruddin, Sherpa K.S., Ray Amitava and Chakravorty Sandeep;	Integrating DEMATEL with QFD to rank the cost sensitivities involved in sub-station siting	TEQIP Sponsored National Conference on Integrated Computational Techniques in				2014	
29	Sandeep, Navpreet Singh Tung and Chakravorty;	Artificial Intelligence in Distribution System Planning	International Multi Track Conference on Sciences, Engineering and Technical				2014	
30	Shabbiruddin, Chakravorty Sandeep and Ray Amitava;	Feeder Routing Between Sub-station and Loads Using Hierarchial Clustering	The Second International Conference on Computer Science, Engineering and Applications				2012	
31	Sandep, Shabbiruddin and Chakravorty;	Distribution of Loads and Setting of Distribution Sub Station Using Clustering Technique	International Conference on Advances in Computing, Communication and Control	125		88-94	2011	Springer-Verlag Berlin Heidelberg
32	Ghosh, Sandeep Chakravorty and Smarajit;	AHP- TAGUCHI Based Model for Power Distribution Planning	International Conference on Advances in Industrial Engineering				2010	
33	Sandeep Chakravorty, K.S.Sherpa, Jaydeep Chakravorty and Smarajit Ghsoh;	Discussions on Voltage Stability Analysis of Electric Power Systems	National Conference on Information Technology: Emerging Engineering Perspectives & Practices				2007	
34	Shabbiruddin, Ray Amitava, Sherpa K.S and Chakravorty Sandeep;	Selection of Sub-Station site for Greater NOIDA India by Analytical Hierarchy Process (AHP)	Elixir International Journal, Elixir Elect. Engg.			20482-20486	2014	
35	Shabbiruddin, Ray Amitava, Sherpa K.S and Chakravorty Sandeep;	Evaluation of substation location using geographical information system: A case study	Elixir International journal		62	17464-17468	2013	
36	Sandep, Shabbiruddin and Chakravorty;	Load Distribution and Feeder Routing Using Fuzzy Clustering and Context	Journal of Electrical Engineering	11	4	57-67	2011	
37	Chakravorty, Sandeep;	A Soft Computing Approach for Node Voltage Improvement						Lambert Academic

38	Sandeep Chakravorty, Navpreet Singh Tung;	Ant Lion Optimizer based Approach for Optimal Scheduling of Thermal Units for Small Scale Electrical Economic Power	International Journal of Grid and Distributed Computing	9	No. 7	211-224	2016	SERSC
39	Sandeep, Navpreet Singh Tung and Chakravorty;	Solution to Economic Dispatch Planning Problem using Water cycle Algorithm	International Journal of Hybrid Information Technology	9	8	387-398	2016	
40	Tung, Navpreet Singh; Chakravorty, Sandeep;	Water Cycle Algorithm for Small Scale Electrical Economic Power Dispatch	International Journal of Hybrid Information Technology	9	8	387-398	2016	
41	Shabbiruddin, Karma Sherpa, Chakravorty Sandep and Amitava Ray;	Power Sub Station Location Selection and Optimum Feeder Routing Using GIS: A Case Study from Bihar (India)	Indian Journal of Science and Technology	9	40		2016	
42	Shabbir Uddin, Amitava Ray, Karma Sonam Sherpa, Sandeep Chakravorty;	Optimal Location of Sub-Station Using Q-GIS and Multi-Criteria Decision Making Approach	International Journal of Decision Support System Technology	10	2		2018	IGI Global Publication
43	Uddin, Shabbir; Chakravorty, Sandeep; Sherpa, Karma Sonam; Ray, Amitava;	Power Distribution System Planning Using Q-GIS	International Journal of Energy Optimization and Engineering (IJEQE)	7	2	61-75	2018	IGI Global
44	Uddin, Shabbir; Sherpa, Karma Sonam; Chakravorty, Sandeep; Ray, Amitava;	Transmission Line Routing Using Open Source Software Q-GIS	International Journal of Open Source Software and Processes (IJOSSP)	8	4	71-82	2017	IGI Global
45	Dhar, Sourav; Ray, Amitava; Chakravorty, Sandeep; Bera, Rabindra Nath; Huang, X; Gozalvez, J; Sepulcre, M; Gustafsson, E; Jonsson, A; McNair, J;	Construction of supporting system for decision making process of zoning designation and change that has fuzziness.	Trends in Applied Sciences Research	6	9	pp: 426-429	2006	orgz
46	Sherpa, Karma Sonam; Chakravorty, Sandeep; Ray, Amitava;	Power Flow Investigation Using Cubic Spline Function a Case Study	International Journal of Energy Optimization and Engineering (IJEQE)	7	4	16-Jan	2018	IGI Global