

## Research Publications in Journals

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
1	Opposition-based krill herd algorithm applied to economic load dispatch problem	Sk Md Ali Bulbul , <b>Moumita Pradhan</b> , Provas Kumar Roy, Tandra Pal	Information Technology	Ain Shams Engineering Journal	2018	ISSN: 2090-4479 / 2090-4495
2	Krill herd algorithm applied to short-term hydrothermal scheduling problem	Provas Kumar Roy , <b>Moumita Pradhan</b> , Tandra Paul	Information Technology	Ain Shams Engineering Journal	2018	ISSN NO: 2090-4479 / 2090-4495
3	Stock portfolio selection using Dempster–Shafer evidence theory	<b>Gour Sundar Mitra Thakur</b> ; Rupak Bhattacharyya; Seema Sarkar Mondal	Information Technology	Journal of King Saud University-Computer and Information Sciences	2018	ISSN NO: 1319-1578
4	Nonlinearity and chaos in wireless network traffic	Somenath Mukherjeea, <b>Rajdeep Ray, Rajkumar Samanta, Mofazzal H. Khondekard</b> ,Goutam Sanyal	ECE IT AEIE	Chaos, Solitons and Fractals(Nonlinear Science, and Nonequilibrium and Complex Phenomena), Elsevier	2017	0960-0779 / 1873-2887
5	Oppositional based grey wolf optimization algorithm for economic dispatch problem of power system	<b>Moumita Pradhan</b> Provas kumar Roy,Tandra Pal	Information Technology	Ain Shams Engineering Journal	2017	ISSN : 2090-4479 / 2090-4495
6	A unified approach of simultaneous state estimation and anomalous node detection in distributed wireless sensor networks.	Aditi Chatterjee; Palaniandavar Venkateswaran; <b>Debaprasad Mukherjee</b>	Information Technology	International Journal of Communication Systems	2017	ISSN 1074-5351 E-ISSN 1099-1131

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7	Artificial neural network based model for forecasting of inflation in India.	<b>Gour Sundar Mitra Thakur</b> ; Rupak Bhattacharyya; Seema Sarkar Mondal	Information Technology	Fuzzy Information and Engineering	2017	ISSN : 1616-8666
8	Grey wolf optimization applied to economic load dispatch problems	<b>Moumita Pradhan</b> , Provas Kumar Roy , Tandra Pal	Information Technology	Electrical Power and Energy Systems	2016	0142-0615 / 1879-3517
9	C3-index: a PageRank based multi-faceted metric for authors' performance measurement	<b>Dinesh Pradhan</b> , Partha Sarathi Paul, Umesh Maheswari, Subrata Nandi, Tanmoy Chakraborty	Information Technology	Scientometrics	2016	0138-9130 / 1588-2861