

**Dr, J. CHITRA**

**ASSOCIATE PROFESSOR / ECE**

**Dr NGP Institute of Technology, Coimbatore**

**Phone/Mobile No : 9698074350, 6381015517**

**E-mail id : [chitra@drngpit.ac.in](mailto:chitra@drngpit.ac.in)**

**International Journal Publications**

<b>Title of the Paper</b>	<b>Name of the Journal &amp; Publisher</b>	<b>National/ International</b>	<b>Vol. &amp; No.</b>	<b>Month &amp; Year</b>	<b>Indexed ISSN/ ISBN Number</b>	<b>Impact factor/ Indexing</b>
Performance Comparison of Integer Coded Cuckoo and Levy flights algorithm applied to Unit commitment problem	Journal of Information and Applied Information Technology	International	Vol. 66, No. 3, pp	August 2013	ISSN: 1992-8645	0.33
Comparative Analysis of Cuckoo Search And Imperialistic Competitive Algorithm For Unit Commitment Problem	International Journal of Applied Engineering Research	International	Vol. 9, No. 22	June 2014	ISSN 0973-4562	0.14 Scopus(2010-2017),
Cuckoo and Levy Flights Algorithm Applied to Unit-Commitment Problem	International Journal of Advanced Research in Electrical and Electronics and Instrumentation Engineering	International	Vol. 3, Issue No.12	Dec 2014	2320-3765	Google scholar, cross ref, DOAJ, cite factor
Solving Unit Commitment Problem Employing Proposed Hybrid BBO-discrete Hopfield Neural Network	Research Journal of Applied Sciences, Engineering and Technology	International	Vol 12, No.3	Feb 2016	2040-7459	Journal Impact = 0.22 (2016) SJR, H Index Research Gate Google Scholar
Solution To Unit Commitment Problem Employing Proposed Refined Charged System Search Algorithm	Solid State Technology	International	Vol.63 , Issue 4	October 2020	0038111 X	Google scholar, Scopus

### Research Papers published in Conference proceedings

Title of the Paper	Name of the Conference	National/ International	Vol. & No.	Month & Year	ISSN/ ISBN No.
An Efficient Algorithm to solve Economic Load Dispatch with Piecewise Linear Fuel Cost Function	National Conference on Energy Management to Meet the challenges of Energy Requirement, Kumaraguru College of Technology	National	-	July 2004	-
Quadratic Programming Solution to Combined Heat and Power Economic Dispatch	Operation Research Application in Infrastructure Development in Conjunction with 38 <sup>th</sup> Annual Convection of Operation Research Society of India (ORSI)	International	-	Dec 2005	-
LUO Converter Incorporating Impedance network for Better Performance	International Conference on Electrical, Electronics, Computer science and Mathematics Physical Education and Management	International	-	Nov 2013	-
SuperLift Converter Based Hybrid Power Generation System – A Review	Cutting edge Innovations in Engineering and Technology for Societal Welfare	National	-	March 2019	-
Solution of Unit Commitment Problem using Hybrid Cuckoo Search and Imperialist Competitive Algorithm	Emerging trends in Communication, Computing & Embedded Networking	National	-	March 2019	-
Super Lift Converter Based Hybrid Power Generation System – A Review	Recent Developments in Engineering Management Sciences and Technology	International	-	16 <sup>th</sup> March 2019	-