

Articles / Chapters published in Books by the Faculty:

S.NO	Name of the faculty	Topic /Chapter published(with ISSN no)
01	Dr. E.V.C. Sekhara Rao Associate professor	'Proceedings of the 2 nd international Conference on Green Materials and Environmental Engineering', Atlantis Press, France, ISBN (on-line) 978-94-6252-138-4 ISSN:2352-5401, Vol. 35
02	Dr. E.V.C. Sekhara Rao Associate professor	Electrical Special Machines', <u>American Journal of Electrical Power and Energy Systems</u> , Science Publishing group, USA, ISSN Online: 2326-9200

FACULTY PUBLICATIONS DURING ASSESSMENT YEARS:

S.NO.	Name of the Faculty	Topic Name	Journal / Conference
1	Dr. DVM Chary Professor	"PV Curve method for voltage stability and power margin Studies	International Journal of Engg Science and Computing, Issue No.5, Volume No.7, 2017
		Teaching learning based optimization for economic load dispatch with valve- point loading effects"	International Journal of creative research thoughts ISSN:23202882 February,2018
2	Mr. C V G K Rao	"AN APPROACH TO LOCATE SITE OF RENEWABLE ENERGY SOURCE (R& D)	International Journal of Engg and

	Associate Professor	AND APPLICATION OF BIG BANG OPIMIZATION TO SIZE THE R & D. PUBLISHED IN IJEAS VOLUME 4 ISSUE 6 (June 2017)	Applied Sciences, Published in IJEAS Volume 4 Issue 6 (June 2017)
		Teaching learning based optimization for economic load dispatch with valve- point loading effects”	International Journal of creative research thoughts ISSN:23202882 February,2018
		“ Estimation of fuel cost parameters for thermal Power Plants using LSE- NELDER-MEAD local search (LSE -NM) Optimization”	National Conference on Trends in Science Engg. Technology, (IJCRT & MEC) ,ISSN:2320-2882,2018.
3	Dr. T Chandra Shekar Associate Professor	“Adaptive tuning algorithm for single phase Z source inverter”	IET Power Electronics, Issue No 3, Volume 10, 2017
4	Dr.E.V.C. Sekhara Rao, Associate Prof	‘Design of Permanent Magnet Hybrid Stepper Motor for Cogging Torque Reduction by Finite Element Method using PDETOOL’,	Journal of Electrical Engineering, Romania. Volume: 17, Issue 4, December, 2017 (Scopus)
		‘FEM Analysis of PMH Stepper Motor Using PDETOOL Simulations of Matlab for Different Topologies’,	TELKOMNIKA (International) Indonesian Journal of Electrical Engineering, Indonesia. Volume: 10, Issue 4, August, 2012 (7 Citations) (Scopus)
		‘A Novel Method to Measure the Steady State Torque of Permanent Magnet Hybrid Stepper Motor Using DSP Controller’,	IOSR International Journal of Electrical Electronics Engineering, India. Volume 1: Issue 6, July, 2012
		‘Dynamic Performance Analysis of Permanent Magnet Hybrid Stepper Motor by Transfer Function Model for Different Design Topologies’	, International Journal of Electrical and Computer Engineering (IJECE), Malaysia. Volume 2: Issue 2, April, 2012 (Scopus)
		Torque Analysis of Permanent Magnet Hybrid Stepper Motor using Finite	International Journal of Power

Dr.E.V.C. Sekhara Rao, Associate Professor essor	Element Method for Different Design Topologies’,	Electronics and Drive System (IJPEDS)’, Malaysia. Volume 2: Issue 1, March, 2012 (1 Citation) (Scopus)
	‘Modeling, Analysis, Comparative Study and Dynamic Response of Stepper Motor’,	International Journal of Engineering. Research & Industrial. Applications. India. Volume 2: Issue 6, March, 2009
	Torque Ripple Minimization of a Switched Reluctance Motor Using Fuzzy Logic Control’,	International Journal on Recent Trends in Computing and Communication, India. Volume 3: Issue 07, July, 2015 International Journal of Advanced Research
	‘A Voltage Controlled Adjustable Speed PMLDCM Drive Using A Single PFC Half-Bridge Converter’,	Electrical, Electronics and Instrumentation Engineering, India. Volume 4: Issue 07, July, 2015
	‘Transient Analysis of DFIG & Synchronous Generator Connected to Infinite Bus’,	International Journal of Engineering and Management Research, India. Volume 5: Issue 2, April, 2015 (1 Citation)

	Dr.E.V.C. Sekhara Rao, Associate Professor	‘Unit Power Control and Feeder Flow Control Strategies for A Grid Connected Hybrid System’,	International Journal Of Emerging Trends & Technology In Computer Science, India. Vol.4: Issue 4, July - August, 2015 (2 Citations) (UGC)
		‘Space Vector Modulated Direct Torque Control of IPMSM Drive’,	International Advanced Research Journal in Science, Engineering and Technology. India. Volume 2: Issue 8, August, 2015

2017-18 (International / National Conferences)

S.NO.	Name of the Faculty	Topic Name	Journal / Conference
1	Dr. DVM Chary Professor	“Teaching learning based optimization for economic load dispatch with valve- point loading effects”	1st National Conference on Trends in Science, Engineering & Technology, 2 nd - 3 rd ,Feb, 2018 Matrusri Engineering College, Saidabad, Hyderabad - 5000 059.
2	Mr. C V G K Rao Associate Professor	“ Estimation of fuel cost parameters for thermal Power Plants using LSE- NELDER-MEAD local search (LSE -NM) Optimization”	1 st National Conference on Trends in Science, Engineering & Technology, 2 nd - 3 rd , Feb, 2018 Matrusri Engineering College, Saidabad, Hyderabad - 500 059.
3	Dr. D Hari Krishna Associate Professor	“ Estimation of fuel cost parameters for thermal Power Plants using LSE- NELDER-MEAD local search (LSE -NM) Optimization” “ A Review on Problems and solutions in Power Quality”	2 nd ICRIEAT, 21 st & 22 nd Dec 2017 Aurora’s Scientific, Technological and Research Academy, Hyderabad.

		“ A review on mitigation Techniques on Power Quality Issues”	National Conference on Computing Communications and Electrical Engineering-2017 held on 15 th & 16 Dec, 2017, NNRG Integrated Campus
5	Mr. Y L N Rao Assistant Professor	“ A Novel Electric Vehicle control electronic differential strategy using five phase Induction motor”	1 st National Conference on Trends in Science, Engineering & Technology, 2 nd -3 rd , Feb, 2018 Matrusri Engineering College, Saidabad, Hyderabad- 500 059.
6	Mr. N Bharath Mohan Assistant Professor	“ A Review on Problems and solutions in Power Quality”	2 nd ICRIEAT, 21 st & 22 nd Dec 2017 Aurora’s Scientific, Technological and Research Academy, Hyderabad
		“ A review on mitigation Techniques on Power Quality Issues”	National Conference on Computing Communications and Electrical Engineering-2017 held on 15 th & 16 Dec, 2017, NNRG Integrated Campus
7	Mr. G Satyanarayana Assistant Professor	Teaching learning based optimization for economic load dispatch with valve- point loading effects”	1 st National Conference on Trends in Science, Engineering & Technology, 2 nd - 3 rd , Feb, 2018 Matrusri Engineering College, Saidabad, Hyderabad - 500 059.
8	Mr. N Ravi Assistant Professor	“ A review on mitigation Techniques on Power Quality Issues”	National Conference on Computing Communications and Electrical Engineering-2017 held on 15 th & 16 Dec, 2017, NNRG Integrated Campus
9	Mr. PVV Raghava Sharma Assistant Professor	Teaching learning based optimization for economic load dispatch with valve- point loading effects”	1 st National Conference on Trends in Science, Engineering & Technology, 2 nd - 3 rd , Feb, 2018 Matrusri Engineering College, Saidabad, Hyderabad - 500 059.
10	Ms G Sirisha Assistant Professor	“ A Review on Problems and solutions in Power Quality”	2 nd ICRIEAT, 21 st & 22 nd Dec 2017 Aurora’s Scientific, Technological and Research Academy, Hyderabad
		“ Estimation of fuel cost parameters for thermal Power Plants using LSE- NELDER-MEAD local search (LSE -NM)	1 st National Conference on Trends in Science, Engineering & Technology, 2 nd - 3 rd , Feb, 2018 Matrusri Engineering College, Saidabad,

		Optimization”	Hyderabad - 500 059.
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