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LIST OF PUBLICATIONS

JOURNALS

1. **Thangaraju, I.** and Madheswaran, M. “Design and Estimation of Double Side Fuzzy Controlled Wound Rotor Induction Motor”, Journal of Applied Sciences Research (JASR), ISSN 1819-544X, Vol.8, No6, pp.2881-2887, 2012.
2. **Thangaraju, I.** and Madheswaran, M. “A Novel Dual Side Control Mechanism for WRIM using Intelligent Controllers”, European Journal of Scientific Research (EJSR), ISSN 1450-216X, Vol.78, No.1, pp.107-118, 2012.
3. **Thangaraju, I.** and Madheswaran,M. “Performance Analysis of Double Inverter Fed Wound Rotor Induction Motor using Fuzzy and PI controller”, International Journal of Computer Applications (IJCA), Vol. 1, No. 20, pp. 80-89, 2010.
4. Muruganandam, M, **Thangaraju I** and Madheswaran, M. “Simulation and Implementation of an Embedded Hybrid Fuzzy Trained Artificial Neural Network Controller for Different DC Motor” International Journal of Engineering and Technology, ISSN: 0975-4024 , Vol. 6, Issue 1, pp. 315-332 February 2014.
5. **Thangaraju, I.** Muruganandam, M. and Madheswaran, M. “Performance Analysis and Experimental Verification of Buck Converter fed DC Series Motor using Hybrid Intelligent Controller with Stability Analysis and Parameter Variations”, Journal of Electrical Engineering & Technology (JEET), ISSN(Print): 1975-0102 ISSN(Online) 2093-7423, Vol. 10, No. 2, pp. 518-528, March 2015.

6. **I. Thangaraju**, M. Muruganandam and C. Nagarajan“ Implementation of Pid Trained Artificial Neural Network Controller for Different DC Motor Drive”, Middle East Journal of Scientific Research (MEJSR), ISSN(Print): 1990-9233, Vol. 23, No. 4, pp. 606-618, 2015.
7. R. Sudha, **I.Thangaraju**, D. Murali and K. Govardhan, “Modified Invasive Weed Optimization of Phasor Measurement Units”, International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, Vol. 10, No. 9, pp. 9120-9123, 2015.
8. **I. Thangaraju**, M. Muruganandam and C. Nagarajan “Design Simulation and Implementation of Fuzzy Tuned Artificial Neural Network Controller for Chopper Fed DC Series Motor Using a Low Cost Microcontroller”, Middle East Journal of Scientific Research (MEJSR), ISSN(Print): 1990-9233, Vol. 23, No. 6, pp. 1091-1104, 2015.
9. **I Thangaraju**, M Muruganandam and M Madheswaran “Implementation of fuzzy tuned artificial neural network controller for chopper fed DC series motor using a low cost microcontroller”, ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, Vol. 10, Issue 12, pp. 5083-5093, July 2015.

CONFERENCES

1. **Thangaraju,I.**and M.Madheswaran, “Performance Analysis of Doubly Fed Wound Rotor Induction Motor using Fuzzy Controller” has been presented in the International Multi Conference on Automation, Computing, Communication, Control and Management (MultiCon’12) at Muthayammal Engineering College, Rasipuram, on 20thand 21st April, 2012.
2. **Thangaraju,I.** and Madheswaran,M. “Design and Analysis of Double Side Fuzzy Controlled Wound Rotor Induction Motor”, International Conference on Inter Disciplinary Research, Thailand, 1stJune 2012.
3. **Thangaraju,I.** and Madheswaran,M. “Design and Analysis of DFWRIM by Modified Fuzzy Controller and PID controller”, has been presented in DSCICT’11, a IEEE / EDS International Conference organized by Muthayammal Engineering College, Rasipuram. Vol.no.1, 26thFeb. 2011

4. **Thangaraju,I.** “Dynamic Braking of Wound Rotor Induction Motor”, has been presented in National Conference organized by Vivekananda College of Engineering for Women, Namakkal. Vol.no.1, Feb. 2005.
5. Sudha R, Govardhan K, **Thangaraju I** “A Novel Approach for Detecting Winding Faults using SFRA Measurements” IRAJ Research Forum International Conference on Industrial Electrical and Electronics Engineering(ICIEEE), Darjeeling, India,pp. 1-6, 14th June-2014. ISBN: 978-93-82702-28-5.
6. Sudha R, Govardhan K and **Thangaraju I** “Analysis of Power Transformer Insulation Design using FEM” International Conference on Emerging Trends in Engineering and Technology held at Kodaikanal on 28th December 2014.

LIST OF PROGRAMMES ORGANISED

Sl.No	Name of the Programme and Title	From	To	Place
1	TEQIP Sponsored One Week Faculty Development Programme(FDP) on "Energy Auditing ,Accounting and Conservation of Energy"	19/06/2013	25/06/2013	Dept. of EEE, GCE-Bargur
2	TEQIP Sponsored One Week Faculty Development Programme(FDP) on "Industrial Automation using PLC,SCADA and DCS"	24/7/2013	30/7/2013	Dept. of EEE, GCE-Bargur,
3	TEQIP Sponsored Three Day Student Workshop on" Study of Solid State Switches and Power Electronic Converters Design"	13/9/2013	15/9/2013	Dept. of EEE, GCE-Bargur
4	TEQIP II sponsored Two Days Staff Development Program on "Creating Awareness of Tamilnadu Solar Power Policy"	22/10/13	23/10/13	Dept. of EEE, GCE-Bargur
5	TEQIP Sponsored One Week Faculty Development Programme(FDP) on "Power Electronics in Future Power Systems"	11/11/2013	17/11/2013	Dept. of EEE, GCE-Bargur
6	TEQIP Sponsored One Week Faculty Development Programme(FDP) on	12/05/2014	18/05/2014	Dept. of EEE, GCE-Bargur

	"Recent Matlab Techniques to Engineering Applications"			
7	TEQIP Sponsored One Week Faculty Development Programme(FDP) on "Green Energy for Sustainable Development and Environment"	19/05/2014	25/05/2014	Dept. of EEE, GCE-Bargur
8	TEQIP Sponsored Five Days Student Workshop on " Solar photovoltaic System Design, Installation and Maintanance"	30/07/2014	03/08/2014	Dept. of EEE, GCE-Bargur
9	TEQIP Sponsored Three Day Student Workshop on " Electron Devices and Circuits"	21/8/2013	23/8/2013	Dept. of EEE, GCE-Bargur

LIST OF PROGRAMS PARTICIPATED

Sl.No	Name of the Programme	From	To	Place
1	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Controllers for Management of Renewable Energy Sources"	14/05/2013	20/05/2013	Dept. of EEE, GCE-Bargur
2	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Pedagogy and Professional Communication"	22/05/2013	28/05/2013	Dept. of English, Government College of Technology, Coimbatore
3	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Energy Auditing, Accounting and Conservation of Energy"	19/06/2013	25/06/2013	Dept. of EEE, GCE-Bargur
4	TEQIP Sponsored One Day Workshop on "NBA Process and Preparation"	08.07.2013		Dept. of CSE, GCE-Bargur
5	Four Days Residential Program on "Academic Leadership Program" by Smith and Shruth Foundation,	09/07/2013	12/07/2013	Hotel Sai Vishram, Bangalore
6	TEQIP Sponsored One Week	16/07/2013	22/07/2013	Dept. of Mechanical

	Faculty Development Programme (FDP) on "Reverse Engineering and Rapid Prototyping"			Engineering, GCE-Bargur
7	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Industrial Automation using PLC,SCADA and DCS"	24/07/2013	30/07/2013	Dept. of EEE, GCE-Bargur
8	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Intelligent Controllers for Electrical Systems"	21/08/2013	27/08/2013.	Dept. of EEE, GCE-Bargur
9	One Week Training Programme (FDP) on "Industrial Automation PLC/Motors/Drivers/Sensors/MMI/ SCADA - The Real Time Practical Approach" Residential Program	02/09/2013	07/09/2013	Organized by Silicon Micro Systems, Bangalore at Hotel The Solitaire, Bangalore
10	Two Days Training Programme on "Orientation of Engineering Faculty towards Sponsored Research"	04/10/2013	05/10/2013	Organized by Engineering Staff College of India, Hyderabad
11	AICTE Sponsored Five Days Short Term Course on "Recent Trends in Condition Monitoring of Power Apparatus and Systems"	14/10/2013	18/10/2013.	Organized by Dept. of EEE, IIT Madras
12	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Power Electronics in Future Power Systems"	11/11/2013	17/11/2013	Dept. of EEE, GCE-Bargur
13	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Recent Advances in Optimization Techniques"	18/11/2013	24/11/2013	Dept. of Mechanical Engineering, GCE-Bargur
14	Five Days Short Term Training Programme on "Power System Protection Relays and Application of Numerical Relay Technology"	26/11/2013	30/11/2013	Organized by Engineering Staff College of India, Hyderabad

15	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Optimizing Techniques in Electrical Power System"	04/12/2013	10/12/2013	Dept. of EEE, GCE-Bargur
16	Residential training on "Transformational Leadership & Change management"	18/12/2013	22/12/2013	Organized by Jaipur Productivity Centre at Udaipur
17	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Solid Waste Management, Handling Rules and Recycling"	23/01/2014	29/01/2014	Dept. of Chemistry, GCE-Bargur
18	ISTE-WPLP National Workshop on "Effective Teaching & Learning pedagogy"	19/02/2014	21/02/2014	Hotel Le Meridien, New Delhi
16	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Nanotechnology in Electrical Power Systems and Sensor Applications"	28/04/2014	04/05/2014	Dept. of EEE, GCE-Bargur
20	Residential Workshop on "Intellectual Property Rights"	05/05/2014	07/05/2014	Organized by SEED at Hotel Clouds Valley, Munnar, Kerala
21	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Recent Matlab Techniques to Engineering Applications"	12/05/2014	18/05/2014	Dept. of EEE, GCE-Bargur
22	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Green Energy for Sustainable Development and Environment"	19/05/2014	25/05/2014	Dept. of EEE, GCE-Bargur
23	TEQIP Sponsored One Week Faculty Development Programme (FDP) on "Challenges and Opportunities in Indian Power Scenario"	26/05/2014	01/06/2014	Dept. of EEE, GCE-Bargur

24	CEP Short Term Course on “Microcontrollers & Embedded Systems including PIC”	30/06/2014	05/07/2014	IIT - Kharagpur
25	CEP Short Term Course on “Renewable Energy for Rural Areas”	14/07/2014	16/07/2014	IIT - Bombay
26	Workshop on “Research Methodology”	09.02.2008	09.02.2008	Muthayammal Engineering College, Rasipuram
27	Workshop on “Recent trends in Digital and Embedded Control of Power Converter and Drives”	17.09.2009	19.09.2009	Mepco Schlenk Engineering College, Sivakasi