

Faculty Information:

Sl.No	Information		
1.	Name: Contact Address: Phone Number: Email Address:	M. E. Tejamoorthy E&E Dept., MCE, Hassan. 9242229775 tejamurthy@gmail.com	
2.	Qualification	B.E., PGDBC	
3.	Date of Join	09 – 09 - 1992	
4.	Position Held	Associate Professor	
5.	Research Interest		
6.	Publications		
	SN	Authors, Title of the Paper	Name of the Journal
	1	Abhilash, N. A. Ranjan, M.E. Tejamoorthy, Reliability assessment of induction motor drive using failure mode effects". 12-13	IOSR Journal of Electrical and Electronics Engineering, vol. 6, July-August 2013, pp. 32-36.
	2	Chetan N.C, Ravi kumar K.N, N.A Ranjan, Abhilish B.T, M.E Thejomoorthy, "Conversion of a single phase AC supply into Controllable three phase AC supply using PWM Techniques". -13	National confirence on recent trends in power electronics and drives NCRTPED 30th October 2013.
	3	Mohanambica K.M, H.N. Suresh, M.E. Tejamoorthy, Geetha M.A and Raghavendra Prasad Deshpandey, "Studies on Ultra-capacitor Based Energy Storage and Power Conversion System for Three-phase Electric drives".	International Journal of Current Engineering and Technology (INPRESSCO) vol.4, no.2 (April 2014)
	4	Chenthankumar, Ranjan N. A., Tejamoorthy M.E., "Automation of the production of sponge iron by using PLC and SCADA systems".	International Journal of emerging technology in computer science and electronics Volume 14, Issue 2 APR/2015 ISSN: 0976-1353, 2015.
	5	Tejamoorthy M.E. B.B. Neelakantappa, B.Ramesh, Ranjan N. A., "Design and Analysis of Diabetic Retinopathy Funds Detection using Cup to Disk Ratio and Wavelets".	International Conference on Power, Circuit and Information Technologies (ICPCIT-2015) April 2015.
	6	Chethan N.C, Ranjan N.A, Tejamoorthy, Abhlish B.T " Energy Recovery from Exhaust Gases of Automobiles Using an Axial Flux permanent Magnet generator"	International Journal of Emerging Trends in Electrical and Electronics (IJETEE-ISSN: 2320-9569) Vol. 11, Issue. 2, June 2015.
	7	Roopa K , Ranjan N.A., Tejamoorthy M.E., Abhilash B.T., "A New Approach for Reconfiguration of Electrical Network for Loss minimization on a Standard 32 Bus Distribution System".	International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT) Dec-2015.
	8	Vinutha K, Anand Bhat B, N. A. Ranjan, M. E. Tejamoorthy "Exploring Energy Auditing in Diary Industry" .	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJREEICE)Vol.4, Special issue 2, April 2016
	9	Roopa K , Ranjan N.A., Tejamoorthy M.E., Abhilash B.T., "A New Approach for Restructuring Vijayanagar Feeder [MUSS Hassan] to reduce the distribution los,	in the International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJREEICE)Vol.4, Special issue 2, April 2016
	10	Anand Bhat B, Vinutha K , Ranjan N.A., Tejamoorthy M.E., "Transformerless SMPS for cost minimization of low power rated LED Bulbs" ,	5 th National Conference, G'Tech-Expo 16, on "Emerging Trends in Engineering & Technology" organized by G. madegowda Institute of technology (GMIT) on 29 th April 2016. This paper has won the Best paper awarded in conference.

11	Abhilash B.T Ranjan N.A., Tejamoorthy M.E., "Maximum boost control of Trans-Z- Source Inverter",	5 th National Conference, G'Tech-Expo 16, on "Emerging Trends in Engineering & Technology" organized by G. madegowda Institute of technology (GMIT) on 29 th April 2016
12	Abhilash B.T Ranjan N.A., Tejamoorthy M.E., "Design & development of an Automated tyre obble testing Machine using Programmable Logic Controller",	5 th National Conference, G'Tech-Expo 16, on "Emerging Trends in Engineering & Technology" organized by G. madegowda Institute of technology (GMIT) on 29 th April 2016.
13	Ranjan N.A., Tejamoorthy M.E, Abhilash B.T. Vinutha.K, "Simulation of a New control strategy to develop miniature power supply",	International journal of engineering technology, management and applied sciences volume 5, Issue 5, ISSN 2349-4476, May-2017.
14	Manjunath, Ranjan N.A., Dhavala R., Tejamoorthy M.E, "Increasing the output Power & Efficiency of Solar Panel using CPV by Water cooling System.	International Journal for Scientific Research and Development Vol 5, Issue 07,2017, ISSAN (online),2321-0613.
15	M.E.Tejamoorthy, N.A. Ranjan, B.S.Shavavadi, Nirajan, "Investigation of Phase Open Circuit Fault in Induction Motor Drive Under Field Oriented Control Using FMEA.	National Conference on Electrical Power System Engineering 2018, Organised by SDM college of Engineering and Technology, Dharawad.

Workshops Attended 2013 onwards

1. "Deriving Program Educational Objectives/Program Outcomes/Course Outcomes/Assessments for NBA Self Assessment Report" held at MCE, Hassan, during July 11-13, 2013.
2. "Patents and Innovations" held at MCE, Hassan, during Aug 31, 2013.
3. "Emerging Trends in Power System Research" held at MCE, Hassan, during Dec 23rd, 2013 to Jan 3rd 2014.
4. "Pedagogical Training Program for Faculty Members" held at MCE, Hassan, during Dec 15-17, 2014.
5. "Dissertation Report and Thesis Writing Skills" held at MCE, Hassan, during Dec 18, 2014.
6. "Intellectual Property Rights: Significance for Academia in Business and Research" held at MCE, Hassan, during Jan 30, 2015.
7. "Innovations in Renewable Energy Technologies and its Integration with Smart Grid" held at RVCE, Bangalore, during June 22-27, 2015.
8. "MATLAB & Simulink Application in Engineering" held at MCE, Hassan, during March 18-19, 2017.
9. "Digital Control Systems" held at MCE, Hassan, during March 23-25, 2017.
10. "Research Methodology and Intellectual Property Rights (RMAIPR-17)" held at MCE, Hassan, during March 23-25, 2017.
11. One week faculty development on "challenges in Non Conventional Energy Sources" held at Department of Automobile Engg., MCE Hassan, during April 9 to 13th of 2018.
12. "Professional and Academic Quality in Engineering Courses (PQA)" held at Department of EEE, MCE Hassan, on 23, 2018.
13. One week faculty development on "MEMS AND MOEMS" held at Department of Electronics and Communication Engg., MCE Hassan, during 30th April to 4th May of 2018.
14. One week faculty development on "Total quality management" held at Department of

	<p>Industrial and Production, MCE Hassan, during 28th May to 1st June 2018.</p> <p>15. Attended a week FDP on "Recent Developments in Solar Energy System for On/Off Grid Applications" held from 9th to 13th July 2018, sponsored by TEQIP -III, Organised by MCE, Hassan.</p> <p>16. One –week Interdisciplinary faculty development programme on “Recent Developments in Solar and Wind Energy System for On/Off Grid Applications.” Department of EE, MCE Hassan, during 9th -13th ,2018.</p> <p>17. AICTE Sponsored One Week Short term Training Programme on “Recent Development in Renewable Energy Sources and Conversion Systems for On/Off Grid Applications” held from 9th – 14th December, 2019, at Department of EE Malnad College of Engineering, Hassan.</p> <p>18. “IoT and Wireless Sensor Networks”, held at Brindavan College of Engineering, Bangalore, from 27th July to 31st July 2020.</p> <p>19. “Research Methodology and LaTeX” held at East West College of Engineering Bangalore, freom 27th July to 31st July 2020.</p>	
7.	Honors and Awards	
8.	Achivements	
9.	Memberships	ISTE
10.	Patents	
11.	Photo	