

MALNAD COLLEGE OF ENGINEERING, HASSAN-573202

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY PROFILE

1. Name : **M.E. TEJAMOORTHY**

2. Date of Birth : **22 – 05 – 1969**

3. Highest Qualifications : **B. E., PGDBC**



4. Academic Performance :
(High School to Highest Qualifications.)

Qualifications	Board / IIT / University	Institute and place where studied	Year of passing	Class / % marks
SSLC	KSEEB	Sri SLRG High School, Javali, Mudigere	1985	FC 63.83%
PUC	PUE Board	Sri Venkateshwara PU college, Hassan	1987	FC 66.16%
B.E.	University of Mysore	Malnad College of Engineering, Hassan	1992	FC 60.12%
P.G. Diploma in Computer Programming	University of Mysore	Malnad College of Engineering, Hassan	1996	FC 75.00% (Sixth Rank)
FC – First Class				
Memberships/Diploma				
ISTE		Life Member	LM35435	

5. Date of Joining : 09 – 09 - 1992(On Temporary basis)
04 – 09 – 2001 (Permanent basis)

6. Status as on date of Joining : Lecturer

7. Present Status : Associate Professor

**8. Number of promotions since date -
of joining : 3**

9. Achievements since date of joining:

FD	No. of Publications/Conferences	Teaching Award	Books / Monograph	Extracurricular activities*	Admin.
Total= 20	Total= 15	---	03	01	--

FD-Faculty Development, R&D-Research and Development

Faculty Development: (Workshops)

1. Recent Trends & Applications in HV Insulation(RTAHVI), held at BIET, Davangere, during Jan 13 – 24, 2003
2. Attended National Workshop on *Recent industrial trends in electric drives* held at MSRIT, Bangalore on 9th July 2003.
3. Participated in the two day workshop on CAD for Electrical Drawing held on 13th and 14th may 2005, at Bangalore Institute of Technology, Bangalore.
4. Two weeks staff development programme on “ FEM and Its Application to non-linear Problems“, PES College of Engineering, Mandya from 11 to 22 , 2005.
5. Participated in a developmental programme – “FEEL Teacher”, 01-05, July 2005, MCE Hassan, Karnataka.
6. Attended a “Training programme on Embedded Systems Design”, at Dept. of IT, MCE, Hassan, 29th September 2005 to 6th October 2005.
7. Two day workshop on Electrical Infrastructure for professional Institutions and Establishments, 20-21, March 2006, Department of E & E, SJCE, Mysore.
8. A Symposium on “Broadband Communication” held on 15th April 2006. Organized by Department of E&C MCE Hassan.
9. A short term training programme on “Nano-Technology and its Applications” from 14-19th August 2006, organized by BEC, Bagalkot.
10. Faculty Development Programme on “Recent Advances in materials and manufacturing”, August 21-25, 2006, Dept. of Mechanical engg., MCE Hassan.

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.

Publication/Conferences:

1. Savitha B. S., Rashmi Shekar, H. N. Suresh and M. E. Tejamoorthy, *Fuzzy logic based overcurrent relay system using Microcontroller 8051*, National conference on Advanced trends in Signals, Systems and Informatics - 2004, Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal, Kurnool District, Andhra Pradesh, held on 25th September 2004, pp 83 – 88.

Publication from 2013 onwards

Sl. No	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	National confirence on recent trends in power electronics and drives NCRTPED 30th October 2013.

	PWM Techniques". -13	
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 (IJIREEICE)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 (IJIREEICE)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	N.A. Ranjan, M.E. Tejamoorthy ” Simulation of a New control strategy to develop miniature power supply,”	International journal of engineering technology, May 2017, vol 5, Issue 5
15	N.A. Ranjan, M.E. Tejamoorthy, R.K. Dhavala “Increasing the output Power & Efficiency of Solar Panel using CPV by Water cooling System”	International Journal for Scientific Research and Development, July 2017, Vol 5, Issue 07

Coordinator for the Workshop:

1. On “Safety, Testing, Maintenance & Protection of Electrical Equipments”, from 16th to 20th Jan. 2006 under TEQIP.

Books/Monograph:

1. Power Electronics Laboratory manual.
2. DC and Synchronous machine lab manual.
3. Circuits and measurements lab manual.

Extracurricular activities:

1. Member of Anti ragging committee.
2. Convener E&E book bank.
3. CIE co-ordinator