




Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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Department of Electronics and Communication Engineering

Personal Details

Name :	Dr. M. Murugan	
Designation :	Professor & Vice Principal	
Educational Qualification :	M. E.(E&TC), Ph. D.	
Experience:	30 Years	
Area of Specialization :	E & TC	
Date of Joining :	01/08/2012	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	ECE	University of Madras, Madras.	1989
2	M.E.	Microwave	University of Pune, Pune.	2001
3	Ph.D.	E&TC	University of Pune, Pune.	2010

Professional Society Memberships

1. Indian Society for Technical Education (ISTE)
2. Institution of Electronics & Telecomm. Engineers (IETE)
3. The Institution of Engineers India (IEI)
4. Semiconductor Society India (SSI)
5. Instrument Society of India (ISOI)
6. Society of EMC Engineers in India (SEMCEI)
7. Indian Science Congress Association (ISCA)
8. Computer Society of India (CSI)
9. The Society of Digital Information and Wireless Communications (SDIWC)
10. International Association of Engineers (IAENG)

Publication Details

Text Books : 4

Journals

- National : 11
- International : 36

Conference

- National : 34
- International : 27

Research and Development Details

1. **No. of Patents Filed: 1**

Method and System for Transmit Antenna Selection with optimum combining in Cognitive Radio network under the impact of aggregate interference, Indian Patent Filed (Ref: Application No. 2036/MUM/2015), V. S. Hendre, M. Murugan and M. M. Deshmukh, 2015.

2. Completed Research Project entitled “Identification and Testing of Some Radio Frequency Absorbing Materials for using in Anechoic Chamber” & received Rs.1, 50,000/- grant from BCUD, University of Pune.
3. Reviewed the Ph.D. Thesis of Shivaji University, Amravati University, SNDT Women’s University, Mumbai and an active Reviewer for many International Journals & Conferences.
4. Editor in Chief of i-manager’s Journal of Wireless Communication Networks.
5. Guiding 6 candidates as Supervisor for Ph.D at Anna University, Chennai & 3 candidates as Joint Supervisor at Sathyabama University, Chennai.
6. Three students have received their Ph.D at Anna University, Chennai & Sathyabama University, Chennai.

Other Particulars

1. Received ISTE’s Anna University National Award for an Outstanding Academic, 2016.
2. Received Shri. P. K. Das Memorial Life Time Achievement Award 2018 by NGI CBE.
3. Best Techno Faculty Award 2014 by ICTACT-Finalist.
4. Listed in Marquis Who’s Who in the World 2009/10 edition.
5. Served as Principal for about 1½ years & serving as Vice-Principal since 1st Aug 2012 till date. Worked as H.O.D of Electronics / ETC Departments for about 3 years.
6. Served as Camp Officer, Zone-IV, Anna University for Nov./Dec.2015 Exams.
7. Formed the IEEE-VIIT Students Branch and served as Branch Counselor for Two Years at V.I.I.T, Pune.
8. Coordinator of a Two Days Workshop on Curriculum of University of Pune at P.R.E.C, Loni, Coordinator of 1st H R Meet on 17th March 2005 & a Two Days Workshop on finalizing the Structure of University of Pune during 24th - 25th Sept.2004 at VIIT, Pune.
9. Co-Convener of “National Conference on Broadband Communication Systems” [NCBCS 2006] at VIIT, Pune-48, during 1st – 3rd Sept. 2006.
10. Authored Mobile Communication System, Communication System-I, Optical & Microwave Communication and Wave Theory & Antenna.
11. Received Ph.D from University of Pune (Govt. College of Engineering, Pune) on the title “Indigenous Material for Anechoic Chamber Construction and to measure the EMI Emission & Susceptibility Levels” under the Guidance of Prof. V. K. Kokate.

12. Principal Investigator of the Research Project entitled “Identification and Testing of Some Radio Frequency Absorbing Materials for using in Anechoic Chamber” which received Rs.1,50,000/- grant from BCUD, UoP (Completed).
13. Coordinator for NBA, as MR for ISO & Steering Committee Coordinator for NAAC.
14. Developed “Communication Lab” and “Microwave Lab”.
15. Received National Merit Scholarship, Dept. of Higher Education, Ministry of HRD, Govt. of India for School & College Education.
16. Chief Coordinator of the ISTE approved Short Term Training Programme on Advanced Communication Systems [STTP-ACS] held during 23rd – 28th June 2008 at VIIT, Pune & Advances on Microwave & Optical Communication Systems held during 25th – 29th June 2012 at Tagore Engg. College, Chennai.
17. Recognition as Supervisor for Ph.D & M.S (By Research) of Anna University, Chennai. Recognized Ph.D Guide & PG Teacher of University of Pune, Ph.D Research Supervisor in Satyabhama University, Chennai, Tamil Nadu.
18. Staff Coordinator of “PERCEPTION-2008”, an intercollegiate event by IEEE student branch of VIIT, Pune.
19. Key Person for MoU between VIIT-Lambda Microwave Tech. Ltd., Gaziabad in 2008 & VEC-Nimble Wireless (Pvt.) Ltd., Chennai in 2016.
20. Done the M.E Dissertation on Low Profile VHF Antenna for Mobile Communication.
21. Have guided 40+ U.G Level Projects, 8 PG Students Projects and currently guiding 9 Ph.D Students in the field of Electronics & Communication Engineering.
22. Served as Chapter Secretary & Treasurer for ISTE @ PREC, Loni for Two Years.
23. Elected as Member of Executive Committee of IETE Chennai Centre for 2016-18.
24. Session Chair of „International Conf. on Electrical, Commn. & Computing, Tagore Engg. College, Chennai on 13th Mar.2014 and National Conference on Emerging Trends in Engg. & Tech. held at College of Engineering, Kopargaon (M.S) on 12th Mar.2011.
25. Co-Convener of National Seminar on Inducting a New Faculty held at Navsahyadri Group of Institutions, Pune held during 4th – 5th March 2011.
26. Convener of National Conference on Microwave and Millimeterwave Communication [NCMMC-2013 & NCMMC-2015] held during 18th Apr. 2013 and 25th April 2015 in Valliammai Engineering College, Kattankulathur.
27. Key person in getting the Research Centre of Anna University for ECE Department, Valliammai Engineering College, Kattankulathur.
28. Reviewed the Ph.D Thesis of Shivaji University, Amravati University and SNTD Women’s University and an active Reviewer for many International Journals & Conferences.
29. Editor in Chief of i-manager’s Journal of Wireless Communication Networks.