

CURRICULUM VITAE

Personal data

Dr. G. Murugananth. M.E., Ph.D.,

Professor & Head, Department of Electrical and Electronics Engineering,
Ahalia School of Engineering and Technology,
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Education

Doctor of Philosophy

Anna University 2014

Master of Engineering

Government College of Technology, Coimbatore 2009

Bachelor of Engineering

Madurai Kamaraj University 2000

Research focuses/Title of dissertation

Certain Investigations on Chopper Controlled Drive for PMDC Motor Used in Orthopaedic Surgeries

Teaching

Since June 2014 Professor & Head, Department of Electrical and Electronics Engineering,
Ahalia School of Engineering & Technology, Palakkad

Sep 2011 – May 2014 Professor & Head, Department of Electronics and Communication
Engineering, EASA College of Engineering and Technology, Coimbatore

June 2010 – Sep 2011 Assistant Professor & Head, Department of Electrical and Electronics
Engineering, Sri Eshwar College of Engineering and Technology, Coimbatore

Jan 2008 – May 2010 Senior Lecturer, Department of Electrical and Electronics Engineering,
Karpagam College of Engineering, Coimbatore

June 2001 – Dec 2007 Lecturer, Department of Electrical and Electronics Engineering, Karpagam
College of Engineering, Coimbatore

May 2000 – May 2001 Programmer, Origin Embedded Systems, Coimbatore

Recent Journal Publications

1. Layth Almahadeen, Renzon Daniel Cosme Pecho, **Murugananth Gopal Raj**, Nichenametla Rajesh, Zainab Mohammed Imneef, Sayali Karmode Yelpale “Digital Investigation Forensic Model with P2P Timestamp Blockchain for Monitoring and Analysis”, Journal of Electrical Systems, ISSN No.: 1112-5209, Vol. 20, No. 1, pp. 09-17. January 2024.
2. Vidya Rathinasamy, Poonguzhhi Krishnan, Ponnusamy Geetha, **Murugananth Gopal Raj**, “Harnessing PSO and GA for Congestion Control in High Speed Wireless Sensor Networks”, Proceedings of the

3. Jayaprakash S, Gopi B, **Murugananth Gopalraj**, Sujith S, Deepa S, Swapna S, "Development of Energy Management System for Microgrid Operation", Computer System Science and Engineering, ISSN No.: 0267-6192 Vol. 43, No. 3, pp. 2537-2551, January 2023.
4. **Murugananth Gopal Raj**, Cherukad Pradip, Narednran Saju, "Particle Swarm Optimization Algorithm Controlled Chopper Driven PMDC Motor", Journal of Advanced Research in Dynamical and Control Systems, ISSN No.: 1943-023X, Volume 12, Issue – 7, pp. 511-516.June 2020.
5. Revathi R, **Murugananth Gopal Raj**, M Selvi, J K Periyasamy, "Analysis of Artificial Intelligence of Things", International Journal of Electrical Engineering and Technology, ISSN No.: 0976-6553, Volume 11, Issue -4 pp. 275-280, June 2020.

Resource person:

Paper presentation: International-10, National-5 Guest lecture delivered: 25