

Mr. K. Arun Ganesh

Assistant Professor



Education Qualification:

B. E – Electrical and Electronics Engineering – Anna University, Chennai.

M. E – Control and Instrumentation Engineering – College of Engineering Guindy, Anna University, Chennai.

Ph. D (Pursuing) – Instrumentation and Control Engineering - NIT, Trichy.

Experience:

- Worked as Assistant Professor in Department of EEE at Vels Srinivasa College of Engineering and Technology, Chennai from June 2010 to April 2011.
- Working as Assistant Professor in Department of EEE at Periyar Maniammai Science and Technology, Thanjavur from June 2011 to Till Date.

Area of Specialization:

- Control System.
- Signal Processing.
- Instrumentation and Measurements.
- Bio medical Instrumentation.
- Digital Electronics.

Paper Publications:

1. Published a paper in an International Journal (IJERT) - Entitle of “Modeling and Analysis of Silicon Nanowire Based Double Gate MOSFET Based Inverter” vol.1., issue.5, ISSN: 2348- 6821, Sep 2014.

2. Published a paper in International Journal of Ethics in Engineering & Management Education-IJEEE, ISSN 2348-4748, Volume 5, Issue 3, March 2018. Entitle of "Nano-composites of Nafion for Fuel Cell Application".

3. Published a paper in International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN: 2319-8753, Volume 7, Issue 11, Nov 2018. Entitle of "Distribution Transformer Health Monitoring System Using IOT."

4. Published a paper in International Journal of Computer Sciences and Engineering, ISSN: 2347-2693, Volume 7, Issue 12, Dec 2019. Entitle of "Wearable Multi-Sensor Gesture Recognition for Paralysis Patients."

5. Published a paper in International Journal of Analytical and Experimental Modal Analysis, ISSN: 0886-9367, Volume 11, Issue 11, Nov 2019. Entitle of "Lower Limb Amputees Rehabilitation: IoT Based Real Time Human Movement Systems."

6. Published a paper in International Journal of Engineering Sciences ISSN: 0377 - 9254, Volume 11, Issue 07, Jul 2020. Entitle of "GSM Based Water Leakage Controller by IOT."

Paper Presentations:

1. Paper presented at National Conference on Digital Convergence -2010 in RMK Engineering college, Topic of " Design of Fault Tolerance System Design for Nano-device Memories"

2. Paper Presented in IEEE International Conference on Research & Development Prosperson Engg & Technology in E.G.S.P. Engg. College on March 2013, topic of Modeling and Analysis of silicon Nanowire Field Effect Transistor based Inverter.

3. Paper presented in 5th International conference on Electrical, Information and communication Technologies conducted by MAM Engg. College, Trichy on March 2019. Topic of Design and Implementation of Smart chair with Sensor Network using Wireless Module.

4. Paper presented in International conference on Trends in Emerging Energy Technologies conducted by Periyar Maniammai Institute of Science and Technology on March 2019. Topic of Raspberry-PI Based Smart Environmental Rover for Surveillance and Live Streaming.

5. Paper presented in International conference on Trends in Emerging Energy Technologies conducted by Periyar Maniammai Institute of Science and Technology on March 2019. Topic of Design and Implementation of Smart Chair With Sensor Network for Patient Parameter Monitoring System.

6. Paper presented in International conference on BEATS 2019 by NIT Trichy on Nov 2019. Topic of A Wireless Foot Planter Measurement System for Gait Analysis .

7. Paper presented in International conference on IMEC 2019 by NIT Trichy on Dec 2019. Topic of Design of Force Plate for Gait Analysis.

8. Paper presented in International conference on i-CASIC 2020 by VIT Vellore on Feb 2020. Topic of Lower Limb Amputees Rehabilitation: IOT Based Real Time Human Movement.

Achievements:

- GATE qualified in year of 2007 and 2008.
- Received Best Teacher Award in the year of 2010.
- Fund received from IEEE students branch for conduction National Level Conference in the year of 2012.