

Faculty Profile

1. Name : Muthukumar. A
2. Designation : Assistant Professor
3. Date of Joining : 03.06.2013
4. Nature of Association : Regular
5. E mail : amuthukumars88@gmail.com
6. Mobile no. : +91 98434 14565



7. Academic Qualifications:

| Course | Name of the Institution / University | Year of Passing | % of Marks | Class |
|---------------|--|-----------------|-------------|------------------------------|
| M.E (PED) | K.S.Rangasamy College of Technology (Autonomous), Tiruchengode | May 2013 | 8.57 (CGPA) | First Class with Distinction |
| B.E (ECE) | Sasurie College of Engineering, Vijayamangalam | April 2011 | 7.39 (CGPA) | First Class |
| Diploma (ECE) | K.S.Rangasamy Institute of Technology, Tiruchengode | April 2008 | 83.08% | First Class with Honours |
| SSLC | Bharathi Kalvi Nilayam Hr.Sec. School, Nasiyanur | March 2005 | 66.7% | First Class |

8. Teaching Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 03.06.2013 to till date.

9. Projects

Under Graduate

- **Title:** “Automatic Vehicle Control & Tracking System using PIC”

Post Graduate

- **Title:** “Implementation of Adaptive Fuzzy speed control for Direct Torque control Induction Motor Drive”

10. Publications

International Conference

1. **A.Muthukumar** “Implementation of Adaptive fuzzy speed controller using Direct Torque control for Induction Motor Drive”, *Innovations in Intelligent Instrumentation, Optimization & Signal Processing*, Karunya University, Coimbatore. 01-02 March 2013

National Conferences

1. **A.Muthukumar** “A Novel Adaptive fuzzy speed controller for Direct Torque control for Induction Motor Drive”, *Recent Trends in Electrical Science and Technology*, Sree Sastha Institute of Engineering and Technology, Chennai. 15 Feb 2013
2. **A.Muthukumar** “Direct Torque control of Induction Motor Drive using Adaptive Fuzzy Speed Controller”, *Emerging Technologies in Advanced Communication Systems*, Sasurie College of Engineering, Vijayamangalam. 12 April 2012

11. Summer Training Programmes

- Participated in National level Workshop on “Wireless Network” conducted by Angel College of Engineering, Tirupur.
- Participated in workshop on “Evolutionary Algorithms & Its Applications” conducted by Mahendra Institute of Technology, Namakkal.
- Participated in workshop on “Embedded system Design with open source Hardware & Software” conducted by Thiagarajar College of Engineering, Madurai.
- Participated in DRDO sponsored seminar on “Smart sensors in underwater autonomous robots” at KSRCT, Tiruchengode.
- Participated in ICMR sponsored seminar on “Smart medical diagnosis systems using image fusion technology” at KSRCT, Tiruchengode.
- Participated in CSIR sponsored seminar on “Bio-Telematics” at KSRCT, Tiruchengode. Participated in CSIR sponsored seminar on “Mechatronics based instrumentation for manufacturing automation” at KSRCT, Tiruchengode.

- Participated in CSIR sponsored seminar on “Advanced applications of polymer nanocomposites in aerospace and defence industry” at KSRCT, Tiruchengode.
- Participated in CSIR sponsored national seminar on “Emerging application of nanofluid in mechanical engineering” at KSRCT, Tiruchengode.
- Participated in MoEF sponsored National level seminar on “Eco friendly automated vehicles powering the green revolution” at KSRCT, Tiruchengode.
- Participated national seminar on “Recent trends in auto Mechatronics” at KSRCT, Tiruchengode.
- Participated in CSIR sponsored national seminar on “Mechatronics for dual fuel technology in automobiles” at KSRCT, Tiruchengode.

12. Membership in Professional Bodies

- **Life Member**, Indian Society of Technical Education (ISTE) – LM 92131.

13. Personal Details

Fathers Name : Mr. R.Arunachalam

Date of Birth & Age : 09.09.1988 & 30 Years

Gender : Male

Marital Status : Married

Permanent Address : **344, Kongampalayam,**
Chithode (Post),
Erode – 638 102,
Tamilnadu, India.