

Faculty Profile

1. Name : Durairaj. S
2. Designation : Assistant Professor
3. Date of Joining : 01.06.2009
4. Nature of Association : Regular
5. E mail : durairaj@ksrct.ac .in
6. Mobile no. : +91 9047031717



7. Academic Qualifications:

| Course | Name of the Institution / University | Year of Passing | % of Marks | Class |
|---|--|-----------------|-------------|-------|
| Ph.D (Renewable Energy Sources). | Anna University, Chennai. | May 2017 | - | - |
| M.E(Power Electronics and Drives) | K.S.Rangasamy College of Technology, Tiruchengode, India. | May 2009 | 8.82 (CGPA) | First |
| B.E(Electrical and Electronics Engineering) | K.S.Rangasamy College of Engineering, Tiruchengode, India. | April 2007 | 66 | First |
| D.EEE, | Aarthi Polytechnic College, Tiruchengode, India. | April 2004 | 88.49 | First |
| H.S.C. | Govt. Hr. Sec. School, Mallasamudram, Namakkal, India. | March 2002 | 77.5 | -- |
| S.S.L.C. | Govt. Hr. Sec. School, Mallasamudram, Namakkal, India. | March 2000 | 72.0 | -- |

8. Teaching Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.06.2010 to till-date.
- **Lecturer**, K.S. Rangasamy College of Technology, Tiruchengode, from 01.06.2009 to 30.05.2010.

9. Projects

Under Graduate

- **Title:** “Unmanned Electricity Billing Syatem”

Post Graduate

- **Title:** “Harmonics Analysis in a Multilevel Inverter ”

Ph. D

- **Thesis title:** “A Hybrid Multi Criteria Decision Making Model for Selection of Efficient Biofuel for Diesel Generator”

10. Publications

International Journals

1. **S.Durairaj**, K.Sathiyasekar and M.Ilangkumaran, (2017) “**Decentralised Green Power Generation Using Methyl Esters of Non-Edible Oils**”, Technical gazette, Vol.24 No.6, pp.1723-1728. (*Scopus indexed*)
2. **S.Durairaj**, K.Sathiyasekar and M.Ilangkumaran, (2016) “**Selection of Optimum Biodiesel for Rural Electrification Using Hybrid MCDM Technique**” Asian journal of information and technology, Vol.15 No.21, pp.4355-4362. (*Scopus indexed*)
3. **S.Durairaj**, K.Sathiyasekar and M.Ilangkumaran,(2015)“**Selection of alternate fuel for electrical power generator using hybrid multi criteria decision making technique**”,UPB Scientific Bulletin, Series C: Electrical Engineering, Vol-33, No.1, pp.1373-1383. (*Scopus indexed*)
4. **S. Durairaj**, K.Sathiyasekar and M. Ilangkumaran ,(2014) “**Multi Criteria Decision Making Approach to Evaluate Optimum Fuel in Diesel Power Generator**”, International Journal of Applied Engineering Research,Vol.9, No.23, pp.22867-22885.(*Scopus indexed*)

International Conferences

1. **S.Durairaj** and C.Muniraj , Harmonics Analysis in Cascaded Multilevel Inverter, International Conference on Sensor, Security Software and Intelligent Systems, Coimbatore Institute of Technology, Coimbatore, *India*, 28-30 January 2009.

11. Summer Training Programmes

- Successfully completed the short term training on “ NBA Accreditation ” on 22.04.2019 to 26.04.2019 at K.S.Rangasamy College of Technology.

- Participated one day workshop on “Deliberations on AICTE model curriculum” on 27.06.2018 at Coimbatore Institute of Technology, Coimbatore.
- Attended four week AICTE approve Faculty Development Programme on “Use of ICT in Education for online blended learning” from 02.05.2016 to 10.07.2016 at K.S.Rangasamy College of Technology.
- Participated Faculty development programme on “Electric power utilization and Energy Auditing”, from 03.12.2010 to 10.12.2010 at K.S.R College of Engineering, Tiruchengode.
- Attended two day Workshop on “Power quality and energy management - Perspectives in Indian industries” from 24.07.2009 to 25.07.2009 at Coimbatore Institute of Technology, Coimbatore.

12. NPTEL – SWAYAM / Global Certification courses Undergone & Passed

- Successfully completed the NPTEL course “ MCDM Techniques Using R ” on May - 2019.
- Successfully completed the NPTEL course “ Non-Conventional Energy Resources ” on May - 2019.
- Successfully completed the NPTEL course “ Qualitative Research Methods and Research Writing ” on May - 2019.
- Successfully completed the NPTEL course “ Industrial Safety Engineering ” on November - 2018.

13. Funds Received to Organize the Seminar

- Received Grants-in-aid Rs. 1,00,000/- from Department of Science and Technology (DST) to conduct the two days seminar on “National Seminar on Design of Experiments In Bioprocess Optimization” on 04-05 January 2018 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215.
- Received Grants-in-aid Rs. 40,000/- from Indian Council of Medical Reserach (ICMR), New Delhi to conduct the two days national conference on “Additive Manufacturing (3D Printing) in Bio Medical Applications” on 23-24 August 2017 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215.
- Received Grants-in-aid Rs. 40,000/- from Indian Council of Medical Reserach (ICMR), New Delhi to conduct the two days national seminar on “Internet of Things (IoT) in Non-Invasive Healthcare Systems” on 21-22 June 2017 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215.
- Received Grants-in-aid Rs. 30,000/- from Indian Council of Medical Reserach (ICMR), New Delhi to conduct the two days national seminar on “Industrial Ergonomics and Musculoskeletal Disorder” on 18-19 March 2016 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215.

14. Membership in Professional Bodies

- **Life Member**, Indian Society of Technical Education (ISTE) – LM 42118.

15. **Resrach Activities**

- Filed one patent named as Integrated Dam Automation System.

16. **Personal Details**

Fathers Name : S. Shankaran
Date of Birth & Age : 12.05.1985 & 34 Years
Gender : Male
Marital Status : Married
Permanent Address : 4/83, Vayakkadu,
Marapparai (po),
Tiruchengode - 637410,
Tamilnadu, India.