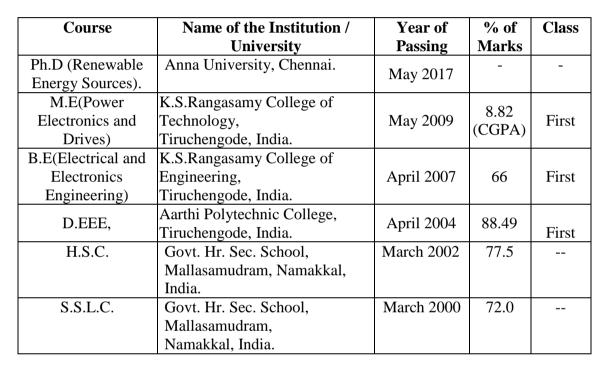
# **Faculty Profile**

- 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:



#### 8. Teaching Experience

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- 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 System"

#### 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**

- 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)
- 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 Auguest 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.