

Faculty Profile

1. Name : Kirubakaran. B
2. Designation : Assistant Professor
3. Date of Joining : 27.05.2009
4. Nature of Association : Regular
5. E mail : kirubakaran@ksrct.ac.in
6. Mobile no. : +91 98948 30414



7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
M.E. (CAD/CAM)	Kongu Engineering College, Perundurai / Anna University, Chennai	June 2006	75.6	First
B.E. (Mech)	Mahendra Engineering College, Mallasamudram / Periyar University, Salem.	May 2004	72.39	First
D.M.E	K.S.R Institute of Technology, Tiruchengode.	April 2000	79.41	First
S.S.L.C.	Govt. Boys Hr. Sec. School, Tiruchengode, Namakkal, India	March 1995	75.2	First

8. Teaching Experience

- **Assitant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.06.2010 to till-date.
- **Lecturer**, K.S. Rangasamy College of Technology, Tiruchengode, from 27.05.2009 to 31.05.2010.

9. Projects

Under Graduate

- **Title:** “Subzero treatment of solid phase bonded metal”

Post Graduate

- **Title:** “Modified Failure Mode and Effect Analysis using Fuzzy logic”

10. Publications

International Journals

1. **B Kirubakaran**, and M. Ilangkumaran, Selection of optimum maintenance strategy based on FAHP integrated with GRA–TOPSIS, (2016), *Annals of*

Operations Research, Vol. 245, No. 1, pp.285-313. (ISSN: 1572-9338). (SCI) **Impact Factor: 2.284.**

2. **B Kirubakaran.** and M. Ilangkumaran, The selection of optimum maintenance strategy based on ANP integrated with GRA-TOPSIS, (2015), *Journal for Global Business Advancement*, Vol. 8, No. 2, pp. 190-215. (ISSN: 1746-966X)
3. M Ilangkumaran, M. Karthikeyan, T. Ramachandran, M. Boopathiraja and **B. Kirubakaran.** Risk analysis and warning rate of hot environment for foundry industry using hybrid MCDM technique, (2015), *Safety Science*, Vol. 72, pp. 133-43. (DOI:10.1016/j.ssci.2014.08.011) **Impact Factor: 3.619**
4. L. Anojkumar, M. Ilangkumaran, **B. Kirubakaran,** L. Arulmurugan, S. Mohamed Hassan, and S. Lokesh, A Novel Method for Material Selection in Industrial Applications, (2014), *International Research Journal of Engineering and Technology*, Vol. 3, No. 11, pp. 439-443.

National Conferences

1. B Kirubakaran, C. Jagadeesan, V. P. Arunachalam, P.S.S. Srinivasan, “Service FMEA for the radiator assembly of passenger transport vehicle” *National Conference on Application of Advanced Quality Methods in Engineering and Technology (AAQMENT-2006)*, Department of Mechanical & Chemical Engineering, Erode Sengunthar Engineering College, Thudupathi, Erode – 638 057..

11. Summer Training Programmes

- Participated Faculty development programme on “Fluid Mechanics”, (ISTE) from 20.05.2014 to 30.05.2014, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated Faculty development programme on “Use of ICT in Education for Online and Blended Learning”, (ICT (MHRD) Funded by SAP India Pvt. Ltd through CSR grants) from 02.05.2016 to 10.07.2016, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the national seminar on “Computational Fluid dynamics – the New technology for the future” (Sponsored by AICTE) from 25.03.2004 to 26.03.2004, organized by department of Mechanical Engineering, Mahendra Engineering college.
- Participated in the workshop on “Swarm and Evolutionary Optimization” from 12.12.2013 to 13.12.2013, organized by Department of Mechanical engineering, Knowledge Institute of Technology.
- Participated in the workshop on “Graphical system using LabVIEW” from 25.02.2014 to 26.02.2014, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the workshop on “Recent trends in Auto Mechatronics” on 18.02.2014, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the workshop on “Recent trends in Auto Mechatronics” on 18.02.2014, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.

- Participated in the seminar on “Mechatronics for dual fuel technology in automobiles” (Sponsored by CSIR), 20.02.2013 to 21.02.2013, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the seminar on “Advanced application of polymer nanocomposites in aerospace and defence industry” (Sponsored by CSIR), 20.01.2012 to 21.01.2012, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the seminar on “Emerging application of nanofluid in mechanical engineering” (Sponsored by CSIR), 15.03.2011 to 16.03.2011, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the seminar on “Eco friendly automated vehicles powering the green revolution” (Sponsored by Ministry of Environment and Forests (MoEF)), 26.08.2010 to 27.08.2010, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the seminar on “Computational Intelligent techniques of machine vision system at low cost automation for manufacturing industries” (Sponsored by AICTE), 22.06.2010 to 23.06.2010, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in the seminar on “Smart sensors in underwater autonomous robots” (Sponsored by DRDO), 05.03.2010 to 06.03.2010, organized by Department of Mechatronics engineering, K.S.Rangasamy College of Technology, Tiruchengode.

12. Membership in Professional Bodies

- **Life Member**, Indian Society of Technical Education (ISTE) – LM 64132.

13. Resrach Activities

- Total **Citations**: 54, **h – Index**: 3, **i10 Index**: 2
- **Area of Expertise/Research Interests**
 - Maintenance Management
 - MCDM

14. Personal Details

Fathers Name : M.Balakrishnan

Date of Birth & Age : 20.07.1980 & 39 Years

Gender : Male

Marital Status : Married

Permanent Address : 117/7, manguttai Palayam,

Seetharam Palayam Post
Tiruchengode,
Namakkal – 637 209.