

## Faculty Profile

1. Name : Dr.K.Kiruthika
2. Designation : Associate Professor
3. Date of Joining : 04.06.2008
4. Nature of Association : Regular
5. E mail : [kiruthika@ksrct.ac.in](mailto:kiruthika@ksrct.ac.in)
6. Mobile no. : +91 9842308326
7. **Academic Qualifications:**



Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D. (Mathematics)	Alagappa University, Karaikudi	August 2013	-	-
M.Phil. (Mathematics)	Bharathiar University (Regular),Coimbatore	April 2005	83	First
MSc. ( Mathematics)	Nirmala College for women, Coimbatore	April 2003	84	First
BSc. ( Mathematics)	P.S.G.R.Krishnammal College for women, Coimbatore.	April 2001	78	First class with Distinction
Higher Secondary	Presentation Convent Girls Higher Secondary School, Coimbatore.	March 1998	84	First
SSLC	Presentation Convent Girls Higher Secondary School, Coimbatore	March 1996	82	First

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### 8. Teaching Experience

- **Associate Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.08.2015 to till-date.
  - **Assistant Professor**, K.S.R. College of Engineering, Tiruchengode, from 01.06.2010 to 31.07.2015.
  - **Lecturer**, K.S. Rangasamy College of Technology, Tiruchengode, from 04.06.2008 to 31.05.2010.
  - **Lecturer**, Kongunadu Arts and Science College, Coimbatore, from 08.06.2005 to 31.01.2008
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### 9. Projects

### Post Graduate

**Title:** “Numerical Methods ”

### M.Phil

**Title:** “Variational Symmetries and First Integrals”

### Ph. D

**Thesis title:** “Some Properties of Intuitionistic Fuzzy Subalgebras in BCC - Algebra”

## 10. Publications

### International Journals

1. Dr.N.Palaniappan, Dr.P.S.Veerappan and **Dr.K.Kiruthika**, Intuitionistic Fuzzy BCC-Subalgebras in BCC- Algebras, (2012), *Antarctica Journal of Mathematics*, Vol. 9, No. 2, pp. 105-114. (ISSN 0972-8643) **Impact Factor:**
2. Dr.N.Palaniappan, Dr.P.S.Veerappan and **Dr.K.Kiruthika**, Intuitionistic (S, T)-Fuzzy BCC-Subalgebras of BCC-Algebras,(2012), *Journal of Applied Mathematics and Fluid Mechanics*, Vol. 4 No. 2, pp. 155-164. (ISSN 0974-3170).
3. Dr.N.Palaniappan, Dr.P.S.Veerappan and **Dr.K.Kiruthika**, Intuitionistic (S, T)-Fuzzy BCC-Ideals of BCC-Algebras, (2012), *International J. of Math. Sci. & Engg. Appls*, Vol. 6 No. 5, pp. 283-298. (ISSN 0973-9424) **Impact Factor:** 0.5250.
4. Dr.N.Palaniappan, Dr.P.S.Veerappan and **Dr.K.Kiruthika**, Intuitionistic Fuzzy Multiply Positive Implicative BCC-Ideals of BCC-Algebras, (2012), *Advances in Algebra*, Vol. 5, No. 3, pp. 157-170. (ISSN 0973-6964)
5. **Dr.K.Kiruthika**, P.Kiruthika,N.Lalithamani & K.Prabakaran, A New Fuzzy Approach For Segmentation of Chromosomes, (2018), *International Journal of Current Engineering & Scientific Research*, Vol. 5, No.4, pp. 23-29. (ISSN 2393-8374) **Impact Factor:** 0.695
6. **Dr.K.Kiruthika**, N.Lalithamani & Dr.Fekadu Yemataw, Intuitionistic Fuzzy Semiprime Ideals in Semigroups, (2018), *International Journal of Current Engineering & Scientific Research*, Vol. 5 No. 5, pp. 30-33. (ISSN 2393-8374) **Impact Factor:** 0.695

## 11. Invited Lecture Delivered

- Delivered an invited lecture on ‘**Probability and Queuing Theory**’ organized by Department of Computer Science Engineering, M.P.N.M.J Engineering College, Chennimalai during March 28, 2016.

12. **Personal Details**

**Fathers Name** : S.Karuppannan  
**Date of Birth & Age** : 28.04.1981 & 38 Years  
**Gender** : Female  
**Marital Status** : Married  
**Permanent Address** : 36.V.Santhos Nivas,  
3rd Cross Street,  
E.B. Nagar (Extn),  
Erode – 638 002,  
Tamilnadu, India.