SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

FACULTY PROFILE TEMPLATE

Please ensure that this Template is 'Thoroughly Followed/Replicated' in your profile

- ❖ **Please mention year of passing (Educational Qualifications)**
- ❖ **In case of Updating Existing Faculty profiles, please send the new additions in 'Highlighted Form/Text'.**

Basic Details:

- **Name:** Dr. S. Parthasarathy

- **Designation:** Assistant Professor (S.G)

- **PhoneNumber:** Nil

- **EmailID:** parthass@srmist.edu.in

- **AreaorSubject:** Statistics

- **Affiliation:** Department of Mathematics, Ramapuram Campus, SRM Institute of Science and Technology

Educational Details:

- **Degree** – B.Sc., M.Sc., M.Phil., Ph.D

- **Area or Subject** – Mathematics, Statistics

- **University**

  - ➢ B.Sc – Madurai Kamarajar University

  - ➢ M.Sc & M.Phil – Alagappa University

  - ➢ Ph.D – Manonmaniam Sundaranar University

- **Awarded Year**

- ➢ B.Sc Mathematics – Madurai Kamarajar University –2004

- ➢ M.Sc Mathematics – Alagappa University – 2006

- ➢ M.Phil Mathematics – Alagappa University –2007

- Ph.D – Manonmaniam Sundaranar University – 2017

Other Details:

Courses:

- Mathematics-I
- Mathematics -II
- Mathematics III
- Numerical Methods
- Probability & Statistics
- Statistics & Numerical Methods
- Transforms & Partial Differential Equations
- Calculus and linear algebra
- Probability and Queing Theory
- Statistics for IT
- Discrete Mathematics

Research Interests: Statistics

Selected Publications:

- "SOFTWARE RELIABILITY ANALYSIS USING LIFETIME DISTRIBUTIONS" ARPN Journal of Engineering and Applied Sciences ©2006-2016 Asian Research Publishing Network (ARPN).
- "A Comparative Study of Life Time Models in the Analysis of Survival Data" Indian Journal of Applied Research, 2014.
- Software Reliability Monitoring Using Gombertz Distribution, IJPT , 2016.
- Comparison of Weibull and Bayesian reliability models for software reliability data. ADV Math(2020)
- A Comparative study on the Logistic regression and Naïve Bayes models upon medical data through a Machine learning approach. ADV Math(2020)
- Determination of significant variables of medical data data through machine learning approach. Journal of Critical reviews(2020)

Papers Presented: 1

Working Papers: 02

Work in Progress: 01

Academic Experience:

- SRM Institute of Science and Technology (formerly known as SRM University), Ramapuram, Chennai-89, 2011to till Date.
- PMR Institute of Technology, Chennai, 2007 to 2011.

Other Professional Experience: NIL

Workshops /Seminars/Conferences:

- National Conference on 'Recent Trends in Fuzzy Mathematics & its Applications 'SRM University, Ramapuram, 03-nov-2017, 04-nov-2017.
- Workshop on 'Graph Theory and its Applications' SRM University, Ramapuram, 12-apr-2016
- Workshop on fuzzy set theory and its applications SRM University, Ramapuram, 09-mar-2017.
- Faculty Development Programme on Focus Academy for Career Enhancement & SRM University, Ramapuram, 16-may-2017 & 17-may-2017
- Workshop attended "Workshop on Fluid Dynamics and its Applications" on 12.04.2018 at SRMIST- Ramapuram
- Workshop attended "Differential Equations and its Applications" on 07.03.2019 at SRMIST-Ramapuram
- Conference attended "National Conference on Recent Trends in Fuzzy Mathematics and its Applications on 03.11.2017 & 04.11.2017 at SRMIST- Ramapuram
- Conference attended 2nd National conference on "Recent Trends in Fuzzy Mathematics and its Applications"(NCRTFMA-2018) on 26.10.2018 & 27.10.2018 at SRMIST- Ramapuram
- Conference attended 3rd National Conference on "Progress in Mathematics towards Industrial Applications" (NCPMTIA- 2019) on 27.09.2019 & 28.09.2019 at SRMIST- Ramapuram

Achievements and Awards: Nil

Memberships: Life Time Membership in ISC

Please send in your latest PASSPORT SIZE photograph.

Some examples of standard faculty profiles from other institutions:

- http://isb.edu/faculty/facultydir.aspx?ddlFaculty=246

- http://engineering.stanford.edu/research/layout.php?sunetid=cfarhat
- http://public.tepper.cmu.edu/facultydirectory/FacultyDirectoryProfile.aspx?id=95