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. R. Srinivasan

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

- **PhoneNumber:** 044 - 43923067

- **EmailID:** srinivar1@srmist.edu.in

- **AreaorSubject:** Differential Equations, Difference Equations

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

Educational Details:

- **Degree** – B.Sc., M.Sc., B.Ed., M.Phil., Ph.D., SET-2017

- **Area or Subject** – Mathematics

- **University**

  ➢ B.Sc, M.Sc & M.Phil – University of Madras

  ➢ B.Ed – Tamilnadu Teachers Education University

  ➢ Ph.D - SRMIST

- **Awarded Year**

  ➢ B.Sc Mathematics – University of Madras – 2006

  ➢ M.Sc Mathematics – University of Madras – 2008

  ➢ B.Ed Mathematics – Tamilnadu Teachers Education University - 2009

- ➤ M.Phil Mathematics – University of Madras –2010

- ➤ Ph.D Mathematics – SRMIST – 2019

- ➤

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 Queueing Theory
- ➤ Statistics for IT
- ➤ Discrete Mathematics

Research Interests: Differential Equations, Difference Equations

Selected Publications:

- Oscillation Criteria for Third order Nonlinear Functional Difference Equations with Damping, Appl.Math.Inf.Sci.11, No.3, 669-676(2017).

- Oscillation and Property B for Third Order Difference Equations with Advanced Arguments, International Journal of Pure and Applied Mathematics, Volume 113 No. 10 2017, 352-360.

- Oscillatory Behavior of Second Order Nonlinear Damped Neutral Difference Equation, Nonlinear Functional Analysis and Applications, Vol.22, No.4(2017), 811-823.

- Oscillation and Property (B) of Third Order Delay Difference Equations with a Damping Term, Communications on Applied Nonlinear Analysis, Volume 26(2019), No. 3, 55-67.

- Oscillation Results for Third order Qusai-Linear Emden-Fowler Differential Equations with Unbounded Neutral Coefficients, Tatra Mountains Mathematical Publications, 2020(Accepted).

- Asymptotic Properties of Kneser Type Solutions For Third Order Half-Linear Neutral Difference Equations, Miskolc Mathematical Notes, 2020 (Accepted).

Papers Presented:

1. 9th National Conference on Mathematical Techniques and Applications(NCMTA 2017), Oscillation and Property B for Third Order Difference Equations with Advanced Arguments.

2. National Conference on progress in Mathematics towards Industrial Applications(PMTIA 2020), New Oscillation Criteria for Third order Super-Linear Emden-Fowler Differential Equations with Unbounded Neutral Coefficients, SRMIST

Working Papers: Oscillation theory of Nonlinear Difference Equations.

Work in Progress: Oscillation Theory of Difference Equations.

Academic Experience:

1. Assistant Professor, Ramapuram Campus, SRM Institute of Science and Technology (formerly known as SRM University), Chennai since June 2013
2. Assistant Professor, Hindustan University from July 2011 to May 2013.
3. Lecturer, JNN Institute of Engineering from August 2010 to May 2011.

Other Professional Experience: NIL

Workshops /Seminars/Conferences:

- National Conference on "Progress in Mathematics towards Industrial Applications" (NCPMTIA-2019) on 27.09.2019 & 28.09.2019 at SRMIST- Ramapuram.

- Faculty Development Program on Statistics Modeling, TCS , Chennai, 9th and10th December- 2019.

- Three Days Faculty Development Program on Discrete Mathematics, TCS , Kolkata, July-2019.

- Workshop attended "Differential Equations and its Applications" on 07.03.2019 at SRMIST-Ramapuram.

- 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 "National Conference on Recent Trends in Fuzzy Mathematics and its Applications on 03.11.2017 & 04.11.2017 at SRMIST- Ramapuram.

- "Workshop on Fluid Dynamics and its Applications" on 12.04.2018 at SRMIST- Ramapuram.

- Workshop on 'Graph Theory and its Applications' SRM University, Ramapuram, 12.04.2016

- Workshop on fuzzy set theory and its applications SRM University, Ramapuram, 09.03.2017.

Achievements and Awards:

1. Awarded for proficiency in "Major Subjects "for the academic year 2010-11 at Pachaiyappa's college.
2. Awarded for proficiency in "Tensor Analysis "for the academic year 2007-08 at Pachaiyappa's college.

Memberships: Life Time Member Ship 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