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:** Mrs.T.Lawanya
- **Designation**: Assistant Professor (OG)
- **PhoneNumber::** 044-43923134
- **EmailID:** lawanyat@srmist.edu.in
- **AreaorSubject:** Fluid Dynamics
- **Affiliation:** Department of Mathematics, Ramapuram Campus, SRM Institute of Science and Technology

Educational Details:

- **Degree** –B.Sc.,B.Ed.,M.Sc.,M.Phil.,(Ph.D)
- **Area or Subject**–Mathematics
- **University**
  - B.Sc - KG College of Arts & Science, Bharathiyar University.
  - B.Ed - Lisieux College of education , Bharathiyar University.
  - M.Sc & M.Phil- PSGRK College for women, Bharathiyar University.
  - Ph.D(pursuing) - Sathyabama Institute of Science and Technology
- **Awarded Year**
  - B.Sc - KG College of Arts & Science, Bharathiyar University- 2008.

- B.Ed - Lisieux College of education , Bharathiyar University- 2009.
- M.Sc - PSGRK College for women, Bharathiyar University-2011
- M.Phil - PSGRK College for women, Bharathiyar University2014.

Other Details:

Courses:

- Business Statistics-I
- Business Statistics-II
- Statistical Methods
- Resource Management Technique / Operation Research
- Numerical Methods
- Probability & Statistics
- Mathematics-I
- Mathematics-II
- Transforms & Partial Differential Equations
- Operation Research
- Statistics & Numerical Methods

Research Interests: Fluid Dynamics

Selected Publications:

- T. Lawanya, M. Vidhya, A. Govindarajan and E. P. Siva., Effects of heat source parameter in oscillatory flow with mass transfer in the presence of the transverse magnetic field, AIP Conference Proceedings 21120,020162, 2019.
- T.Lawanya, M.Vidhya, A.Govindarajan and E.P.Siva.,Effects of chemical reaction and heat source on oscillatory flow of couple stress fluid in wavy channel, AIPConferenceProceedings21120,020158, 2019.
- T. Lawanya, M.Vidhya, A.Govindarajan and E.P.Siva., Couette flow through a porous medium with heat and mass transfer in the presence of transverse magnetic field, Journal of Physics: conference series :1000, 2018.

Working Papers: Nil

Work in Progress: Nil

Academic Experience:

- SRM INSTITUTE OF SCIENCE & TECHNOLOGY, RAMAPURAM From 19.06.2017 to Till Date
- MNM JAIN ENGINEERING COLLEGE, THORAIPAKKAM From 20.07.2013 to 10.06.2014

Other Professional Experience: Nil

Workshops /Seminars/Conferences:

- Participated in Workshop on Stochastic Process and their applications(STTP - 2019) held at SRMIST – Kattankulathur during November 8,9, 2019.
- Participated in Conference 3rd National Conference on "Progress in Mathematics towards Industrial Applications" (NCPMTIA- 2019) on 27.09.2019 & 28.09.2019 at SRMIST- Ramapuram.
- Participated in one week training programme on "statistical Quality Control " conducted by Centre for skill Development & Training, SIST from 26th to 30th of August, 2019.
- Participated in Workshop "Differential Equations and its Applications" on 07.03.2019 at SRMIST- Ramapuram.
- Participated in Conference 2nd National conference on "Recent Trends in Fuzzy Mathematics and its Applications"(NCRTFMA-2018) on 26.10.2018 & 27.10.2018 at SRMIST- Ramapuram.
- Participated in Workshop "Workshop on Fluid Dynamics and its Applications" on 12.04.2018 at SRMIST- Ramapuram.
- Participated in Conference "National Conference on Recent Trends in Fuzzy Mathematics and its Applications on 03.11.2017 & 04.11.2017 at SRMIST- Ramapuram.

Achievements and Awards: Nil

Memberships: Life Time Member Ship in ISTE & 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