

## 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.N.Sujatha

- **Designation:** Assistant Professor (S.G)
- **PhoneNumber:**044-43923067
- **EmailID:**[sujathan@srmist.edu.in](mailto:sujathan@srmist.edu.in)
- **AreaorSubject:**Fuzzy Graph
- **Affiliation:** Department of Mathematics,  
Ramapuram Campus,  
SRM Institute of Science and Technology

### Educational Details:

- **Degree**– M.Sc, M.Phil, , ( Ph.D), P.G.D.C.A.
- **Area or Subject** – Mathematics
- **University**
  - B.Sc, M.Sc –M.S.University, Tirunelveli
- **Awarded Year**
  - B.Sc Mathematics – M.S.University, Tirunelveli –1997
  - M.Sc Mathematics – M.S.University, Tirunelveli – 1999
  - M.Phil Mathematics – M.K.University –2004
  - P.G.D.C.A - M.S.University, Tirunelveli – 2000

## **Other Details:**

### **Courses:**

- Mathematics-I
- Mathematics -II
- Mathematics III
- Probability and Random Processes
- Probability and Queuing Theory
- Numerical Methods
- Probability & Statistics
- Statistics & Numerical Methods
- Transforms & Partial Differential Equations
- Calculus and linear algebra
- Statistics for IT
- Discrete Mathematics
- Resource Management Technique

### **Research Interests:** Fuzzy Graph

#### **Selected Publications:**

- N.Sujatha, C. Dharuman, K.Trisangu “Triangular Fuzzy Graceful Labeling in Some Path Related Graphs” International Journal of Pure and Applied Mathematics, Volume 114, 6, 2017, 109 -118
- N.Sujatha, C. Dharuman, K.Trisangu “ Graceful and Magical Labeling in Special Fuzzy Graphs” international Journal of Recent Technology and Engineering, Volume- 8, 2019, 5322-5328
- N.Sujatha, C. Dharuman, K.Trisangu “Triangular fuzzy labeling on Stargraph” Journal of Physics Conference series, Volume 1377,2019, 1-11
- N.Sujatha, C. Dharuman, K.Trisangu “Triangular fuzzy labeling on Bistagraph” International Journal of Advanced Technology, Volume -9,2019, 7573-7581
- N.Sujatha, C. Dharuman, K.Trisangu “Triangular fuzzy antimagic labeling on some special graphs” International Journal of Advanced Science and Technology, Vol. 28, No16, (2019), pp. 1220-1227.

#### **Papers Presented:**

- N.Sujatha, C. Dharuman, K.Trisangu “Triangular Fuzzy Graceful Labeling in Some Path Related Graphs” International Journal of Pure and Applied Mathematics, Volume 114, 6, 2017, 109 -118
- N.Sujatha, C. Dharuman, K.Trisangu , “Triangular fuzzy labeling on Stargraph”, National Conference on Progress in Mathematics Towards Industrial Applications, SRM IST, Ramapuram, Chennai, September 2019
- N.Sujatha ,“, National Conference on Recent Trends In Mathematics And Its Applications, SRM Institute of Science & Technology, Vadapalani, February 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 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 and presented a paper on 3rd National Conference on “Progress in Mathematics towards

Industrial Applications” (NCPMTIA- 2019) on 27.09.2019 & 28.09.2019 at SRMIST- Ramapuram

- Conference attended and presented a paper on International Conference on “Recent advancements in Applied Mathematics” (ICAAM- 2019) on 22.11.2019 ,S.I.V.E.T College,Gowrivakkam.

**Working Papers: Nil**

**Work in Progress: 01**

**Academic Experience:**

- Asst. Prof. (S.G.), Ramapuram Campus, SRMIST, Chennai -89, From 19.07.2004 to till date.
- Lecturer, R.M.K. Institute of Engg and Technology From 23.05.2008 to 05.04.2009. (11 months)
- SrLecturer, Mohammed Sathak A.J.College of Engineering, from 2003 to 2008. (4years 10 months)

**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.
- Indian Science Congress, SRM University, Kattankulathur, 03-jan-2011, 07-jan-2011.
- 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.
- 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?ddIFaculty=246>
- <http://engineering.stanford.edu/research/layout.php?sunetid=cfarhat>
- <http://public.tepper.cmu.edu/facultydirectory/FacultyDirectoryProfile.aspx?id=95>