

## 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:** T. Yogashanthi
- **Designation:** Assistant Professor (OG)
- **Phone Number:** 9514533350
- **Email ID:** yogashat1@srmist.edu.in
- **Area or Subject:** Intuitionistic fuzzy set
- **Affiliation:** Department of Mathematics, SRM Institute of Science and Technology, Ramapuram.

### Educational Details:

- **Degree** – M. Sc., Ph. D.
- **Area or Subject** – Mathematics
- **University**

Ph. D. Mathematics – 2020, SRM Deemed University, Tamil nadu, Chennai, Kattankulathur.

M.Sc. Mathematics – 2013, University of Madras, Tamil nadu, Chennai.

B.Sc. Mathematics – 2011, Maduari Kamaraj University, Tamil nadu, Madurai.

## Other Details:

### **Courses:**

- Fuzzy Mathematics
- Mathematical Foundation
- Numerical methods

**Research Interests:** Fuzzy set and Intuitionistic Fuzzy set.

### **Publications:**

- Yogashanthi. T, Mohanaselvi. S and Ganesan. K, "A New Approach for Solving Flow Shop Scheduling Problems With Generalized Intuitionistic Fuzzy Numbers", Journal of Intelligent and Fuzzy Systems, 37(3), (2019), pp:4287-4297.
- Yogashanthi. T and Ganesan. K, "Modified Critical Path Method to Solve Networking Problems Under an Intuitionistic Fuzzy Environment", ARPN Journal of Engineering and Applied Sciences, 12(2), (2017), pp: 398-403.
- Yogashanthi. T and Ganesan. K, "A Simple Method for the Solution of Fuzzy Networking Problems Under Intuitionistic Fuzzy Environment", Global Journal of Pure and Applied Mathematics, 12(2), (2016), pp. 348-353.
- Yogashanthi. T and Ganesan. K, "A New Approach on Solving Intuitionistic Fuzzy Networking Problems", Global Journal of Pure and Applied Mathematics, 12(1), (2016), pp. 442-448.

### **Papers Presented in international/national conferences:**

- Yogashanthi. T and Ganesan. K, "A Novel Approach for Solving Intuitionistic Fuzzy Project Networking Problems", Proceedings of the international conference on applicable mathematics, held on 30<sup>th</sup> November and 1<sup>st</sup> December 2016 at Stella Maris College, Chennai.
- Yogashanthi. T and Ganesan. K, "A Simple Method for the Solution of Fuzzy Networking Problems under Intuitionistic Fuzzy Environment", Proceedings of the national conference on recent trends in mathematics and its applications, held on 26<sup>th</sup> and 27<sup>th</sup> February 2016 at SRM Institute of Science and Technology, Vadapalani.
- Yogashanthi. T and Ganesan. K, "A New Approach on Solving Intuitionistic Fuzzy Networking Problems", Proceedings of the national conference on mathematical techniques and its applications, held on 4<sup>th</sup> and 5<sup>th</sup> January 2016 at SRM Institute of Science and Technology, Kattankulathur.

### **Working Papers:**

- With K. Ganesan, Intuitionistic fuzzy networking and scheduling problems

### **Work in Progress:**

- With K. Ganesan, Intuitionistic fuzzy networking problem on airfreight ground operations systems.

### **Academic Experience: Nil**

### **Workshops /Short term training programme:**

- Participated in the short term training programme on Numerical Methods and Their Applications (STTP-2016) organized by the Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur on 4<sup>th</sup> and 5<sup>th</sup> of November 2016.
- Participated in the workshop on Fuzzy Set Theory and its Applications (WFTA-2017) conducted at SRM Institute of Science and Technology, Ramapuram during 9<sup>th</sup> of March,

2017.

- Participated in the short term training programme on Fuzzy Sets and Applications (STTP-2018) organized by the Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur on 9<sup>th</sup> and 10<sup>th</sup> of November 2018.

#### **National Conference**

- Participated in National Conference on Mathematical Techniques and its Applications (NCMTA-2014) which was conducted by SRM Institute of Science and Technology, Kattankulathur during 6<sup>th</sup> and 7<sup>th</sup> of January 2014.
- Participated in National Conference on Mathematical Techniques and its Applications (NCMTA-2015) which was conducted by SRM Institute of Science and Technology, Kattankulathur during 2<sup>th</sup> and 3<sup>th</sup> of January 2015.
- Participated in National Conference on Mathematical Techniques and Their Applications (NCMTA-2017) which was conducted by SRM Institute of Science and Technology, Kattankulathur during 27<sup>th</sup> and 28<sup>th</sup> of January 2017.

#### **Faculty Development Programme Attended:**

- Attended Expert Talk on “Role of Mathematical Models in Science and Engineering” organized by the Department of Mathematics, SRMIST, Ramapuram, Chennai - 600089, as part of Science day celebration on 26.02.2021.

**Achievements and Awards: Nil**

**Membership: Nil**

Please send in your latest **PASSPORT SIZE photograph.**

