

## Resume

1. Name : A.Nafiunisha
2. Sex : Female
3. Date of Birth : 03.06.1986
4. Designation : Assistant Professor
5. Date of Entry in the Service :

Assistant Professor in Mathematics (SF) from 14-06-2011 at Jamal  
Mohamed College, Tiruchirappalli -620020, Tamilnadu

6. Address :

### Residence

No.10,Azhagar street,  
Subramaniyapuram,  
Trichy – 20.

### Office

Jamal Mohamed College (Autonomous)  
Race Course Road,  
TVS Tollgate, Trichy – 20.

Email : [nishamaths.nisha20@gmail.com](mailto:nishamaths.nisha20@gmail.com)

Mobile : 7708626623

7. Educational qualifications:

S.No.	Examination Passed	University / College	Year of Passing
1.	B.Sc., (Mathematics)	Jamal Mohamed College, Trichy.	2008
2.	M.Sc., (Mathematics)	Jamal Mohamed College, Trichy.	2010
3.	M.Phil., (Mathematics)	Jamal Mohamed College, Trichy.	2011

8. Languages known : Tamil, English.

9. Teaching Experience :

Under Graduate : 10 Years

Post Graduate : 10 Years

10. Area of specialization : Fuzzy Graph Theory,  
Number Theory,  
Operation Research,  
Differential equations.

## **11. Subjects Taught:**

Undergraduate : 1. Algebra

2. Operations Research

3. Number Theory

4. Differential Equations

5. Theory of Equations

6. Mechanics.

Postgraduate : 1. Advanced Operations Research

2. Complex Analysis

3. Fluid Dynamics

4. Ordinary Differential Equations.

## **12. Seminars / Conferences / Workshops Attended:**

1. Workshop on Mathematical Modeling held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 from 19<sup>th</sup> to 25<sup>th</sup> January 2011.
2. U.G.C sponsored one day national seminar on Applications of Mathematics held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 22<sup>nd</sup> February 2012.
3. National seminar on Examination Reforms held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 24<sup>th</sup> February 2012.
4. One day seminar on Internal Quality Assurance Cell held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 7<sup>th</sup> March 2012.
5. U.G.C sponsored one day national seminar on Discrete Mathematics and its Applications held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 09<sup>th</sup> March 2013.
6. International Conference on Mathematical Methods and Computation (ICOMAC 2014), held at Jamal Mohamed College (Autonomous), Tiruchirappalli – 20 on 13<sup>th</sup> & 14<sup>th</sup> February 2014.
7. A Four day Workshop on LATEX and SPSS held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 from 20.09.2014 to 25.09.2014.
8. Two days International Conference on Mathematical methods and computation, held at Jamal Mohamed College (Autonomous), Trichy, 22<sup>nd</sup> & 23<sup>rd</sup> January 2015.
9. One Day workshop on “The Role of a Teacher in the present Scenario”, Jamal Mohamed College (Autonomous), Tiruchirappalli, 03.12.2016.

10. International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 11<sup>th</sup> December 2017.
11. UGC CPE Sponsored Two days Workshop on “Professional Development for academic leadership in curriculum design”, Jamal Mohamed College, Trichy, 18th & 19<sup>th</sup> January 2019.
12. Two days International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 20th & 21st February 2019.
13. One day Staff enrichment programme on ownership culture organized by IQAC, Jamal Mohamed College(Autonomous), Trichy, 14th June 2019.
14. One Day workshop on “Algebra and its Applications”, Jamal Mohamed College(Autonomous), Tiruchirappalli, 28.09.2019.
15. Two days International Workshop on Python Programming, Jamal Mohamed College(Autonomous), Trichy, 18th & 19th February 2020.

### **13. List of Papers presented in National and International Conferences**

1. presented a paper entitled “A new type of dominating fuzzy graph” in the International conference “ICOMAC-2020” conducted in Jamal Mohamed College, Tiruchirappalli held on 19<sup>th</sup> Feb-2020.
2. Presented a paper entitled “A special type of minimal dominating fuzzy graph” in the Heber International conference on Applied Mathematics “HICAM2021” conducted in Bishop Heber College-Tiruchirappalli held on 26<sup>th</sup> April 2021.

### **14. List of Publications in National and International Journals**

1. Nagoor Gani A. , Muruganantham P and Nafiunisha A, A new type of dominating fuzzy graph “*Advances and Applications in Mathematical Sciences*” (ISSN 0974-6803) in volume 20, Issue 6, April 2021, 1085-1091.
2. Nagoor Gani A. , Muruganantham P and Nafiunisha A, A special type of dominating fuzzy graph, “*International Journal of Aquatic Science*”(ISSN: 2008-8019) in volume 12, Issue 2, 2021, 154-159.

### **15.Orientation/Refresher courses:**

- 9<sup>th</sup> Outreach Programme in Mathematics jointly organized by National College(Autonomous) and Ramanujan Mathematical Society from 15.08.2019 to 18.08.2019 at National College campus, Tiruchirapalli-01.
- A 4-week induction/ Orientation Programme for “Faculty in Universities/ Colleges/ Institutes of Higher Education” from 20 December, 2021- 19 January, 2022, Organized by Teaching learning centre, Ramanujan College University of Delhi.

### **16.Faculty Development programme**

- One week National Level Faculty Development Program and online Training on “SCILAB-An Open Source Substitute for MATLAB” jointly organized by JNTUH College of Engineering, Sultanpur and Spoken Tutorial Project IIT Bombay from 25<sup>th</sup> May 2020 to 30<sup>th</sup> May 2020.
- One week National Level Faculty Development Program and Online Training on “Moodle Learning Management System” organized by JNTUH College of Engineering, Sultanpur in association with Spoken Tutorial Project IIT Bombay from 10<sup>th</sup> June 2020 to 15<sup>th</sup> June 2020.

### **17. E-Conferences Attended:**

- National Conference on Mathematical Modelling with Differential Equations-NCMMDE 2020, Dwaraka Doss Goverdhan Doss Vaisnav College, Chennai, held on 14-10-2020 to 17-10-2020.
- International Seminar On Present Trends In Applications of Mathematics, Holy Cross College, Trichy, held on 16-11-2020 to 17-11-2020.
- 9<sup>th</sup> National Conference On Mathematics Education, National Council of Educational Research & Training, Regional Institute of Education, Bhopal, held on 20-12-2020 to 22-12-2020.
- National Workshop On Academic Process, Measures & Metrics Of TEI For NAAC-RAF, V.O.C. College of Education, Thoothukudi from 08-06-2020 to 12-06-2020.
- A Five day National Level Online course on “Chemistry in our Day-to-day Life”, conducted by Jamal Mohamed College from 04.06.20 to 08.06.20.

- Faculty Development Program on “E-Content Development” organized by the IQAC of Jamal Mohamed College from 30.06.2020 to 04.07.2020.
- Faculty Enrichment Programme on “Art of Writing in Indexed Journal Publications” organized by the Department of Library in association with IQAC, JMC, Trichy, on 28.07.2021.
- Orientation Programme on “Free E-Resources” organized by the Department of Library in association with IQAC, JMC, Trichy, on 29.07.2021.
- Five Days Online International Faculty Development Programme on “New Epoch in Software Learning” organised by Holy Cross College (Autonomous), Trichy, held on 16<sup>th</sup> to 20<sup>th</sup> August 2021.

#### **18. Details of Other Positions:**

Faculty Advisor, Helping Hearts Association, JMC, June 2020 onwards.

#### **19.Details of Online Certification Courses Completed:**

a. Faculty Members:

<b>Name of the Faculty Member</b>	<b>Department</b>	<b>Course Name</b>	<b>Awarding Agency NPTEL / SWAYAM / Others (specify)</b>	<b>No. of Weeks</b>	<b>Date of Enrollment</b>	<b>Date of Completion</b>
A.Nafiunisha	Mathematics	Introduction to Operation Research	NPTEL	8	24.02.2020	17.04.2020
A.Nafiunisha	Mathematics	Graph Theory	NPTEL	8	18.01.2021	12.03.2021