

**Jamal Mohamed College (Autonomous), Tiruchirappalli – 20
Resume**

1. Name : S. Sharmila Banu
2. Sex : Female
3. Date of Birth : 14.07.1987
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	Office
25/7 second floor, Samaspiran street, Trichy – 8.	Jamal Mohamed College (Autonomous) Race Course Road, TVS Tollgate, Trichy – 20.
- Email : sharmilasheik0408@gmail.com
- Mobile : 9942072519
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 Optimization Techniques

11. Subjects Taught:

Undergraduate : 1. Mathematical Statistics
2. Numerical Methods
3. Vector Analysis
4. SPSS

Postgraduate :
1. Classical Dynamics
2. Numerical Analysis
3. Fluid Dynamics
4. Operations Research

12. Seminars / Conferences / Workshops Attended:

- ❖ Workshop on Mathematical Modeling held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 from 19th to 25th January 2011.
- ❖ U.G.C sponsored one day national seminar on Applications of Mathematics held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 22nd February 2012.
- ❖ National seminar on Examination Reforms held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 24th February 2012.
- ❖ One day seminar on Internal Quality Assurance Cell held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 7th March 2012.
- ❖ U.G.C sponsored one day national seminar on Discrete Mathematics and its Applications held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 on 09th March 2013.
- ❖ International Conference on Mathematical Methods and Computation (ICOMAC 2014), held at Jamal Mohamed College (Autonomous), Tiruchirappalli – 20 on 13th & 14th February 2014.
- ❖ One day workshop on Data Analysis using SPSS held at Bharathidasan University, Tiruchirappalli on 6th January 2014.
- ❖ International Conference on Mathematical Methods and Computation (ICOMAC 2015), held at Jamal Mohamed College (Autonomous), Tiruchirappalli – 20 on 22nd & 23rd January 2015.
- ❖ UGC and RMS sponsored National Conference on Graph Theory and Operations Research held at Holy Cross College (Autonomous), Tiruchirappalli on 4th March 2014.
- ❖ A Four day Workshop on LATEX and SPSS held at Jamal Mohamed College (Autonomous), Tiruchirappalli-20 from 20.09.2014 to 25.09.2014.
- ❖ Two days International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 22nd & 23rd January 2015.
- ❖ One Day workshop on “The Role of a Teacher in the present Scenario”, Jamal Mohamed College(Autonomous), Tiruchirappalli, 03.12.2016.
- ❖ UGC Sponsored Two days Workshop on “Professional Development for academic leadership in curriculum design”, Jamal Mohamed College, Trichy, 18th & 19th January 2019.
- ❖ Two days International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 20th & 21st February 2019.



- ❖ One day Staff enrichment programme on ownership culture organized by IQAC, Jamal Mohamed College(Autonomous), Trichy,14th June 2019.
- ❖ One Day workshop on “Algebra and its Applications”, Jamal Mohamed College(Autonomous), Tiruchirappalli, 28.09.2019.
- ❖ Two days International Workshop on Python Programming, Jamal Mohamed College(Autonomous), Trichy,18th &19th February 2020.
- ❖ International conference on Applied science mathematics and Statistics”, Kongunadu college of Engineering & Technology, April 09 , 2021

13. Faculty Development Programme Attended

- ❖ International online FDP on “Recent Trends in Mathematics” SNS College of Technology (Autonomous), Coimbatore, 02.06.2020 – 05.06.2020
- ❖ Online FDP in “Pure and Applied Mathematics”, Jamal Mohamed College (Autonomous), Trichy –20, 11.06.2020 – 17.06.2020.
- ❖ Online FDP on “E-Content Development”, Jamal Mohamed College (Autonomous), Trichy-20, 30.06.2020 - 04.07.2020
- ❖ Five Days Online International FDP on “New Epoch on Software Learning”, Holy Cross College (Autonomous), Trichy, 16.08.2021- 20.08.2021.

14.List of Papers presented in National and International Conferences

- ❖ Prasanna .A, Sharmila Banu .S, and Ismail Mohideen .S “ Second small value for solving fuzzy transportation problem with optimal solution “ volume 7 , 2020.
- ❖ Prasanna .A, Sharmila Banu .S, and Ismail Mohideen .S “ Fuzzy Optimal Assignment Problem by zero suffix method using Arithmetic Mean Ranking Technique “ volume 7 , 2020.
- ❖ Prasanna .A, Sharmila Banu .S, and Ismail Mohideen .S “ Intuitionistic Fuzzy second minimum spanning tree for solving Transportation Problem with Optimal solution , International conference on Applied science mathematics and Statistics” , April 09 , 2021

15.List of Publications in National and International Journals

- ❖ Prasanna .A, Sharmila Banu .S, and Ismail Mohideen .S “ Second small value for solving fuzzy transportation problem with optimal solution “ volume 7 , 2020.
- ❖ Prasanna .A, Sharmila Banu .S, and Ismail Mohideen .S “ Fuzzy Optimal Assignment Problem by zero suffix method using Arithmetic Mean Ranking Technique “ volume 7 , 2020.
- ❖ Prasanna .A, Sharmila Banu .S, and Ismail Mohideen .S “ Intuitionistic Fuzzy second minimum spanning tree for solving Transportation Problem with Optimal solution , International conference on Applied science mathematics and Statistics” , November , 2021
<https://www.advancesinmechanics.com/pdf/1016.pdf>

16. Orientation / Refresher Course

- ❖ A 4-week induction /Orientation Programme for “ faculty in universities/ Colleges/ Institutes of Higher Education” from 20

16. Details of Online Certification Course Completed

8 weeks Online NPTEL – AICTE Faculty Development Programme on “Operations Research” on the SWAYAM platform during Jan – Apr 2020.

17. Details of Other Position

- ❖ Sports House Incharge, Department of Mathematics (SF-Women), JMC, 2015 onwards
- ❖ Curriculum Development Cell , Department of Mathematics (SF-Women), JMC, 2020 onwards