

**Jamal Mohamed College (Autonomous), Tiruchirappalli – 20
Resume (as on 30.06.2015)**

Post Graduate and Research Department of Mathematics (SF)



1. Name : S. Shajitha Begum
2. Sex : Female
3. Designation : Assistant Professor of Mathematics (SF)
4. Address :

Residence

15/35, Bharathi Min Nagar,
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Jamal Mohamed College (Autonomous)
Race Course Road, TVS Tollgate
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5. Educational qualifications:

Examination Passed:

Year

B.Sc. 1995

M.Sc. 2000

M.Phil. 2002

PGDCA 2009

Ph.D. Submitted Ph.D. Thesis in Dravidian
University on “A study on
Intuitionistic Fuzzy Graph” under the
Guidance of **Dr. A. Nagoor Gani**,
Jamal Mohamed College.

Certificate course in Oracle , Visual Basic and Power Builder.

Certificate Course in Advanced Java.

6. Experience:

Under graduate : 12 years
Post graduate : 10 years
M.Phil. : 9 years

7. Languages known : Tamil, English, Hindi, Urdu

8. Areas of Specialization : Intuitionistic Fuzzy Graphs

9. Subjects Taught :

Under Graduate : Graph Theory, Mathematical Statistics,
C Programming, Algebra

Post Graduate : Graph Theory, Statistical Inference and
Stochastic Processes, C++ Programming

M.Phil. : Research Methodology, Algebraic Topology

10. Research Supervision :

M. Phil Degree - Completed 15

11. Seminars / Conferences / Workshops Attended:

1. UGC Sponsored State Level Seminar On “Mathematical Methods In Social Sciences”, on 8th And 9th September 2004, At Jamal Mohamed College, Trichy.
2. UGC sponsored State level seminar on “Mathematical methods & Fuzzy Applications”, Jamal Mohamed College (Autonomous), Tiruchirappalli, 27th February 2006.
3. State Level Seminar on Computer Oriented Mathematical Techniques 2007, Shrimati Indira Gandhi College, Tiruchirappalli, Tamilnadu, 10 & 11 August, 2007.

4. National Conference on “Fuzzy Mathematics & Graph Theory”, Jamal Mohamed College (Autonomous), Tiruchirappalli, 27th 28th March 2008
5. Five Days workshop on “Software Tools”, Jamal Mohamed College (Autonomous), Tiruchirappalli, from 28.02.2009 to 04.03.2009
6. UGC Sponsored International Conference on “Mathematical Methods and Computation”, Jamal Mohamed College (Autonomous), Tiruchirappalli, 24th & 25th July 2009.
7. NAAC sponsored National level seminar on “Quality enhancement in Teaching, Research and Extension in Higher Education Institutions – Prospects and Problems”, Jamal Mohamed College, Trichy, April 15-16, 2010.
8. UGC Sponsored One Day National Seminar on “Applications of Mathematics”, Jamal Mohamed College, Trichy, 22nd February 2012.
9. UGC Sponsored National Seminar on “Examination Reforms”, Jamal Mohamed College, Trichy, 24th February 2012.
10. UGC Sponsored one day seminar on “Teaching, Learning and Research in Higher Education-Excellence and beyond excellence”, Jamal Mohamed College, Trichy, 07th March 2012.
11. UGC Sponsored one day National Seminar on “Discrete Mathematics and its applications”, Jamal Mohamed College, Trichy, 09th March 2013.
12. Two days International conference ICOMAC in Jamal Mohamed College, Trichy. 2013.

12. List of Papers presented in National and International Conferences

1. Presented a paper entitled “Degrees, Order and Size in Intuitionistic Fuzzy Graphs” in the one day National level Seminar on ‘Graph theory, Algorithms and Modelling’ held at Jamal Mohamed College, Trichy, 19 March 2010.
2. Presented a paper entitled “Status in Intuitionistic Fuzzy Graphs” in the ‘International Conference on emerging trends in Mathematics and Computer Applications’ held at Mepco Schlenk Engineering College, Sivakasi, December 16 – 18, 2010.

3. Presented a paper entitled “Busy Nodes and Free Nodes in Intuitionistic Fuzzy Graphs” in the National Conference on ‘Recent Developments in Mathematics and its Applications’ NCRDMA – 2011 held at SRM University, Chennai, 31 January – 1 February, 2011.
4. Presented a paper entitled “On Antipodal Intuitionistic Fuzzy Graphs” in the International Conference on Heber International Conference on Applications of Mathematics and Statistics, Bishop Heber College, Trichy, January 5-7, 2012.
5. Presented a paper entitled “Predecessor and Successor in Fuzzy Graphs” in the National Conference in Holy Cross College, Trichy 2013.
6. Presented a paper entitled “Labeling in Fuzzy Graphs” in the National Conference in Holy Cross College, Trichy 2013.

13. List of Publications in National and International Journals

1. Nagoor Gani, A. and Shajitha Begum, S., Degree, Order and Size in Intuitionistic Fuzzy Graphs, “International Journal of Algorithms, Computing and Mathematics”, Vol. 3, No.3, p.11-16, 2010.
2. Nagoor Gani, A. and Shajitha Begum, S., Status in Intuitionistic Fuzzy Graphs, Proceedings of “International Conference on emerging trends in Mathematics and Computer Applications” December 16 – 18, 2010.
3. Nagoor Gani, A. and Shajitha Begum, S., Busy Nodes and Free Nodes in Intuitionistic Fuzzy Graphs, Proceedings of the National Conference on “Recent Developments in Mathematics and its Applications” NCRDMA – 2011, 31 January – 1 February, 2011.
4. Nagoor Gani, A. and Shajitha Begum, S., Busy Nodes and Free Nodes in Intuitionistic Fuzzy Graphs, “CiiT International Journal of Fuzzy Systems”, Vol. 3, No 3, April 2011.
5. Nagoor Gani, A. and Shajitha Begum, S., Isomorphism properties on Strong Intuitionistic Fuzzy Graphs, “International Journal of Ultrascientist of Physical Sciences”, Volume 3, December, 2011.

6. Nagoor Gani, A. and Shajitha Begum, S., Perfect Intuitionistic Fuzzy Graphs, "Bulletin of Pure and Applied Sciences", Vol. 30, 2011
7. Nagoor Gani, A. and Shajitha Begum, S., On Antipodal Intuitionistic Fuzzy Graphs, Proceedings of "Heber International Conference on Applications of Mathematics and Statistics" January 5 – 7, 2012.
8. Nagoor Gani, A., Shajitha Begum, S., and Dhanalakshmi, R., Domination in Intuitionistic Fuzzy Graphs, Proceedings of "Heber International Conference on Applications of Mathematics and Statistics" January 5 – 7, 2012.

14.Resource Person:

1. One day Seminar in Holy Cross College on topic "Intuitionistic Fuzzy Graphs" on 09.04.2012.

15. Details of Other Positions:

Programme Officer, Youth Red Cross, JMC, 2008-2015.

Programme Officer, Consumer Club, JMC, 2008-2015.