

RESUME (as on 09.07.2015)

1. **Name : B. FATHIMA KANI**

2. **Date of Birth:** 10- 05- 1986

3. **Address :**(including Mail ID and Mobile Number)

Residential:

42/39c ,New no. 103,
Kuthbishanagar,
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Department of Mathematics,
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4. **Date of Entry in the Service :**

Assistant Professor in Mathematics from 15-06-2009 at Jamal Mohamed College,Trichirappalli -620020, Tamilnadu

5. **Educational Qualifications:**

Examination Passed Year

- (i) Bachelor's Degree B.Sc(Mathematics)2006
- (ii) Master's Degree M.Sc (Mathematics) 2008
- (iii) Research Degree M.Phil (Mathematics) 2009
- (iv) Research Degree Ph.D (Mathematics)(2014-2016)

6. **Experience:**

Undergraduate: 06 Years 01 Month

Postgraduate: 06 Years 01 Month

7. **Areas of Specialization:** 1. Fuzzy Graph

2. Algebra

3. Fuzzy Analysis

4. Complex Analysis

8. **Languages known** : Tamil & English

9. **Subjects Taught:**

Undergraduate : 1. Modern Algebra

2. Differential Equation

3. Linear Algebra

4. Dynamics

Postgraduate : 1. Fuzzy Analysis

2. Algebra

3. Complex Analysis

4. Fluid Dynamics

5. Topology

10. **PUBLICATIONS**

1. B.FathimaKani, A.NagoorGani, *Alpha Product of Fuzzy Graphs*, Advances in Fuzzy Sets and Systems, Vol .17, Issue 1, PP.27-48, March 2014.

2. B.FathimaKani, A.NagoorGani, *Beta and Gamma Product of Fuzzy Graphs*, International Journal of Fuzzy Mathematical Archive, Vol.4, No.1, PP 20-36, March 2014

3. B.FathimaKani, A.NagoorGani, *Degree of a Vertex in Alpha ,Beta and Gamma Product of Fuzzy Graphs* , A special issue of Jamal Academic Research Journal interdisciplinary, Proceedings of International Conference on Mathematical Methods and Computation, PP.104-114, February 13 and 14, 2014

4. B.FathimaKani, A.NagoorGani, *Degree of a Vertex in Complement of Beta and Gamma Product of Fuzzy Graphs*, A special issue of Jamal Academic Research Journal interdisciplinary, Proceedings of International Conference on Mathematical Methods and Computation, PP.601-610, January 22 and 23 ,2015

5. B.FathimaKani, A.NagoorGani, *Degree of a Vertex in Complement of Alpha Product of Fuzzy Graphs*, International Journal of Applied Engineering Research, Vol.10., No.51, Special Issues, PP. 920-925, 2015

6. B.FathimaKani, A.NagoorGani, *Isomorphic Properties of Alpha ,Beta and Gamma product of Fuzzy Graphs*, International Journal of Applied Engineering Research, Vol.10, No.5, PP. 12483-12496, 2015

11. PAPERS PRESENTED IN SEMINARS / CONFERENCES:

1. B.FathimaKani,A.NagoorGani, *Degree of a Vertex in Alpha ,Beta and Gamma Product of Fuzzy Graphs* , International Conference on Mathematical Methods and Computation,held at Jamal Mohamed College on 13-14 February 2014.
2. B.FathimaKani,A.NagoorGani, *Degree of a Vertex in Complement of Beta and Gamma Product of Fuzzy Graphs*, International Conference on Mathematical Methods and Computation,held at Jamal Mohamed College on 22-23 January 2015.
3. B.FathimaKani,A.NagoorGani, *Degree of a Vertex in Complement of Alpha Product of Fuzzy Graphs*,InternationalConerence on Advances in Science Mathematics,English and its Applications,held at E.G.S Pillay Engineering College,Nagapattinam on 08 May 2015.

12. CONFERENCE / SEMINAR ATTENDED WITHOUT PRESENTING PAPERS:

1. Participated In The**UGC Sponsored International Conference** On MathematicalMethods And Computation on Department Of Mathematics, Jamal MohamedCollege, Trichy-20 On July 24&25, 2009.
2. Participated In The**UGC Sponsored State Level Seminar** On Examination Reforms At Jamal Mohamed College, Trichy-20 On March 12, 2010.
2. Participated In The **One Day National Level Seminar** On Graph Theory,Algorithms AndModeling At Department Of Mathematics, Jamal Mohamed College, Trichy-20 On 19th March 2010.
3. Participated In The**NAAC Sponsored National Level Seminar** On Quality Enhancement In Teaching, Research And Extension In Higher Education Institutions – Prospects And Problems Organized By IQAC,Jamal Mohamed College, Trichy-20 On April 15 And 16, 2010.
4. Participated In **Seminar** On Creating Competitiveness To Excel In Higher Education – A TQM Approach Organized By IQAC, Jamal Mohamed College, Trichy-20 On 8th December 2010.
5. Participated In The**Work Shop** On Mathematical Modeling At Department Of Mathematics, Jamal Mohamed College, Trichy-20 On 19.01.2011 – 25.01.2011.
6. Participated In The**UGC Spondered**(Autonomous Grant) **One Day National Seminar** On Discrete Mathematics And Its Applications At Department OfMathematics, Jamal Mohamed College, Trichy-20 On 09th March 2013.

7. Participated in **One Day National Workshop of LATEX**, Department of Mathematics, Rajah Sherfoji College, Thanjur on 04th March 2014.