RESUME

Dr. B. FATHIMA KANI, M.Sc., M.Phil., Ph.D.,

Email.ID.:kanijmc2010@gmail.com
Mobile No.: +91-85084 39684

Job Objective

- ❖ Seeking Mathematics Assistant Professor position to make a useful contribution to the organization

Summary

- ❖ Having 10 years of Experience and student focused professional
- ❖ Provide safe and motivational learning environment
- ❖ strong leadership and management skills
- ❖ Experienced in internal administrative tasks in the institution
- ❖ A keep planner to monitor each and every students growth
- ❖ Excellent subject knowledge

Key Skills

- ❖ Excellent knowledge of subject areas and ability to teach students by using various methods
- ❖ Strong commitment in teaching under graduate and post graduate students
- ❖ Expertise in advising the students and problem solving
- ❖ Excellent teaching skills
- ❖ Computer languages C,C++ ,known

Personality Traits

- ❖ Excellent communication skill
- ❖ Excellent leadership
- ❖ Positive attitude and goal oriented
- ❖ Excellent advisory and problem solving skill
- ❖ Participates in professional enrichment activities

Professional Experience

- ❖ Working as **Assistant Professor**
- ❖ **College Name:Jamal Mohamed College(Autonomous),**

  College with Potential for Excellence,

  Reaccredited (3rd cycle) with 'A' grade by NAAC,

  Affiliated to Bharathidasan University,

  Tiruchirappalli-620020

  Tamil Nadu

  India

- ❖ **Under Graduate:** 10 Years
- ❖ **Post Graduate   :** 10 Years
- ❖ **Internal Quality Assurance Micro Cell member** from June 2016 to till date
- ❖ **Area of Specialization:**
  - Fuzzy Graph
  - Fuzzy Mathematics
  - Algebra
  - Complex Analysis

❖ **Subjects Taught:**

- Under Graduate: 1)Modern Algebra

    2)Linear Algebra

    3)Differential Equations

    4)Graph Theory

    5)Statics

    6)Dynamics

    7)C Programming

    8)Complex Analysis

- Post Graduate: 1)Fuzzy Analysis

    2)Algebra

    3)Linear Algebra

    4)Fluid Dynamics

    5)Complex Analysis

❖ Tutor-In -Charge from 2009 -2017.

❖ Conducting course classes regularly and properly.

❖ Conducting assessment exams and giving assignments to grade the student learning.

❖ Provide consultation to the student regarding their course objectives and career related matters.

❖ Assign project work and help them to clarify their doubts regarding project .

❖ Arrange guest lecture for providing additional knowledge for students.

Educational Qualifications

❖ **Ph.D.[2014-2018]**

- **Thesis Entitled :** Some Properties on Vertex Order

    Colouring using α, β and γ

    Operations in Fuzzy Graphs

- **Subject** **:** Fuzzy Graph Mathematics
- **Guide Name** **:** Dr. A. Nagoor Gani

  Associate Professor

  Jamal Mohamed College

  Tiruchirappalli, Tamil Nadu

  India
- **College** **:** Jamal Mohamed

  College(Autonomous),

  College with Potential for Excellence,

  Affiliated to Bharathidasan University,

  Trichirappalli-620020.

❖ **M.Phil.[2008-2009]**

- **Major** **:** Mathematics
- **College** **:**Jamal Mohamed College(Autonomous),

  Tiruchirappalli-620020
- **Percentage:** 92%
- **C.G.P.A** : 9.5
- **Grade** **:** O+[First Class Outstanding]

❖ **Post Graduate[2006-2008]**

- **Major** **:** Mathematics
- **College** **:** Jamal Mohamed College(Autonomous),

  Tiruchirappalli-620020
- **Percentage:** 94.5%
- **C.G.P.A** : 9.6
- **Grade** **:** O+[First Class Outstanding]
- **Rank** **:** University 11th Rank

❖ **Under Graduate[2003-2006]**

- **Major** : Mathematics
- **College** : Jamal Mohamed College, Tiruchirappalli–620020
- **University :** Bharathidasan University, Tiruchirappalli-620 024
- **Percentage:** 87.8%
- **Grade** : D++[First Class Distinction]
- **Rank** :University 6th Rank

List of Papers Presented in National /International Conferences

❖ Nagoor Gani A., Fathima Kani B., 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 .

❖ Nagoor Gani A.,Fathima Kani B., 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.

❖ Nagoor Gani A.,Fathima Kani B., Degree of a vertex in Complement of Alpha Product of Fuzzy Graphs,International Conference on Advances in Science Mathematics, English and its Applications, held at E.G.S.Pillay Engineering College ,Nagapattinam on 08 May 2015.

❖ Nagoor Gani A.,Fathima Kani B., Dominating Sets In Beta And Gamma Product Of Fuzzy Graphs,National Conference On Graph Theory, Fuzzy Graph Theory And Their Applications,

- ❖ Nagoor Gani A.,Fathima Kani B.,An Upper Bound For Fuzzy Vertex Order Colouring, International Conference On Mathematical Methods And Computation,

List of Publications in National and International Journals

- ❖ Nagoor Gani A., Fathima Kani B., Alpha Product on Fuzzy Graphs, Advances in Fuzzy Sets and Systems, volume 17, No. 1,(2014) pp 27-48.

- ❖ Nagoor Gani A., Fathima Kani B., Beta and Gamma Product of Fuzzy Graphs, International Journal of Fuzzy Mathematical Archive, Vol. 4, No. 1(2014) 20-36.

- ❖ Nagoor Gani A., Fathima Kani B., Isomorphic Properties of Alpha, Beta and Gamma Product of Fuzzy Graphs,International Journal of Applied Engineering Research, Volume 10, Number 5 (2015) 12483-12496.

- ❖ Nagoor Gani A., Fathima Kani B., Degree of a Vertex in Complement of Alpha Product of Fuzzy Graphs, International Journal of Applied Engineering Research, Vol. 10 No.51(2015) 920-925 .

- ❖ Nagoor Gani A., Fathima Kani B., Fuzzy Vertex Order Colouring, International Journal of Pure and Applied Mathematics, Volume 107,No.3(2016)601-614.

- ❖ Ismail Mohideen S.,Nagoor Gani A., Fathima Kani B., Yasmin C.,Properties of Operations on Regular Intuitionistic Fuzzy Graphs,International Journal of Engineering Science and Computing,Volume 6,Issue No.4(2016),3779-3783.

- ❖ Nagoor Gani A., Fathima Kani B., An Upper Bound For New Fuzzy Graph Operations, International Journal of Pure and Applied Mathematics, Volume 118,No.6(2018),75-83.

- ❖ Fathima Kani B., Nagoor Gani A., Alpha Beta and Gamma Product of Fuzzy Matrices, Bulletin of Pure and Applied Sciences,Volume 1,38E,356-363.

Personal Details

- ❖ **Name** : Dr.B.FathimaKani
- ❖ **Father's Name** : K.Batcha
- ❖ **Spouse Name** : K.Sadhakathullah
- ❖ **Date of Birth** : 10.05.1986
- ❖ **Nationality** : Indian
- ❖ **Religion** : Muslim
- ❖ **Gender** :Female
- ❖ **Languages Known** : English, Tamil
- ❖ **Address** : 42/39C,New No. 103,

    Kuthbisha Nagar,

    Tennur,

    Tiruchirappalli-620017

    Tamil Nadu, India

DECLARATION

I hereby solemnly declare that all the details given above are true and correct to the best of my knowledge and belief.

Place: Tiruchirappalli-620017   Signature

Date: [B.FATHIMA KANI]