

KANZUL FATHIMA K.S

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Permanent Address:

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Kajamalai
Trichy- 620023.

Office Address

Jamal Mohamed College (Autonomous)
Race Course Road, TVS Tollgate
Trichy – 620 020.

EDUCATIONAL QUALIFICATIONS:

STATE ELIGIBILITY TEST (SET)

Passed SET Examination in 2012.

DOCTOR OF PHILOSOPHY (FULL TIME)

2014-2018

Jamal Mohamed College (Autonomous)

Trichy- 620020.

MASTER OF PHILOSOPHY

2012-2013

Jamal Mohamed College (Autonomous)

Trichy- 620020.

90%

MASTER OF SCIENCE

2010-2012

Jamal Mohamed College (Autonomous)

Trichy- 620020.

93%

BACHELOR OF SCIENCE

2007-2010

Jamal Mohamed College (Autonomous)

Trichy- 620020.

94%

PERSONAL PROFILE:

Father's Name : Shaik Abdul Khader K

Date of Birth: 08.03.1990

Gender: Female

Nationality: Indian

Religion: Muslim

Marital Status: married

Languages Known: Tamil and English

Areas of Specialization:

- Graph Theory
- Fuzzy Graph Theory
- Algebra

Achievements:

- **University III rank** in B.Sc.
- **University II rank** in M.Sc.

Prizes and awards:

- Winner of **JAMAL MOHAMED GOLD MEDAL** in 2010
- First prize in "State level quiz competition" held on 17th February, Jamal Mohamed College, 2011.
- First prize in "State level quiz competition" held on 6th March Jamal Mohamed College, 2012.
- Awardee of **MAULANA AZAD NATIONAL FELLOWSHIP FOR MINORITY STUDENTS**

Experiences:

- 5 years of experience in teaching (2016-21)

CONFERENCE/ SEMINAR ATTENDED WITHOUT PRESENTING PAPERS:

- National Level Seminar on "Mathematics and Its Applications" in *Shrimathi Indira Gandhi College*, Trichy-620002, September 19, 2011.
- U.G.C Sponsored one day National Seminar on "Applications of Mathematics" in *Jamal Mohamed College*, Trichy-620020, 22nd February 2012.
- U.G.C Sponsored One day National Seminar on "Discrete Mathematics and its Applications" in *Jamal Mohamed College*, Trichy-620020, 9th March 2013.
- International conference on "*Mathematical Methods and Computation*" organized by PG and Research Department of Mathematics, *Jamal Mohamed College*, Trichy- 620020 on 13-14 January 2014.
- U.G.C Sponsored one day National Conference on "Graph Theory, Fuzzy Graph Theory and their applications" in *Jamal Mohamed College*, Trichy-620020, 10th& 11th February 2016.
- One day Workshop on "Algebra and Its Applications" organized by PG and Research Department of Mathematics, *Jamal Mohamed College*, Trichy on 28th September 2019.
- International Conference on "Mathematical Methods and Computation" organized by the P.G. & Research Department of Mathematics, *Jamal Mohamed College*, Trichy on 19th February 2020.
- International Conference on "Mathematical Methods and Computation" organized by the P.G. & Research Department of Mathematics, *Jamal Mohamed College*, Trichy on 20th and 21st February 2019
- Webinar on "*Patent filing and Prosecution*", *Kumaruguru College of Technology*, Coimbatore on 01.06.2020.

- Webinar on “*Contemporary Challenges and issues in intellectual property rights in academia and industries under covid-19*”, RMD Engineering College, Gummidipoondi taluk, Thiruvallur District on 06.06.2020.
- Webinar on “*Patent act, drafting, filing systems and challenges in india*”, RMD engineering college, Gummidipoondi taluk, thiruvallur district on 10.06.2020.
- Webinar on “*Data Driven Research in Mathematics and Statistics*”, Janardhan Rai nagar, Rajasthan Vidyapeeth, Deemed university on 27.06.2020
- Webinar on a “*Perspicacious View on Electronic Payments*”, The American college, Madurai on 03.07.2020.
- Online FDP on “*Pure and applied Mathematics*”, Jamal Mohamed College, Trichy, from 11.06.2020 to 17.06.2020.
- Online FDP on “*E-content Development*”, Jamal Mohamed College, Trichy from 30.06.2020 to 04.07.2020.
- FDP on “*Algebra and Analysis*”, Jamal Mohamed College, Trichy, on 28.09.2019.
- Online FDP on “*E-content Development*”, Jamal Mohamed College, Trichy from 30.06.2020 to 04.07.2020.
- 4 weeks Online FIP for “*Faculty in Universities/Colleges/Institutes of Higher education*”, The Teaching learning centre, Ramanujan College, University of Delhi from 20.12.2021 to 19.01.2022.
- One week FDP on “*ICT Tools for E-content Development*”, Jamal Mohamed College, Trichy from 24.01.2022 to 29.01.2022.
- A Three day International Workshop on “*Fundamentals of Probability Theory and Detection Estimation Theory*” organized by PG and Research Department of Mathematics, Jamal Mohamed College, Trichy 620020, from 06.10.2022 to 08.10.2022.
- International conference on “*Mathematical Methods and Computations*” organized by PG and Research Department of Mathematics, Jamal Mohamed College, Trichy 620020 from 21.12.2022 to 22.12.2022.
- International Workshop on “*Big Data Analytics Using Distributed Computing*” organized by PG and Research Department of Mathematics, Jamal Mohamed College, Trichy 620020.

**NATIONAL/ INTERNATIONAL CONFERENCE
ATTENDED AND PRESENTING A PAPER:**

- “*On Uniquely Fuzzy colorable Graphs*” in the UGC and RMS Sponsored National Conference on *Graph Theory and Operations Research* Organized by PG and Research Department of Mathematics, Holy Cross College (Autonomous), Trichy-02 on 3rd and 4th March 2012.
- “*On Solving Traffic light Problem using Fuzzy Coloring*” in the International Conference on *Mathematical Methods and Computation* Organised by PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Trichy-20 on 22nd & 23rd January 2015.
- “*Fuzzy Chromatic number of Different Types of Fuzzy Graph*”, in the International Conference on *Mathematical sciences* Organised by Sathyabama University, Chennai in association with University of

Florida, USA & The Institute of Mathematical Sciences, Chennai, India during July 17th to 19th, 2014 .

7. “*An Introduction to Fuzzy edge Coloring*”, Journal of Advances in Mathematics, Vol. 11, No. 10, Jan 2016, 5742-5748.

PUBLICATIONS:

1. “*Fuzzy Chromatic number of Different Types of Fuzzy Graph*”, Proceeding of “*International Conference on Mathematical sciences*”, Elsevier Publication July 2014, 439-442.
2. “*On Solving Traffic light Problem using Fuzzy Coloring*”, proceeding of “*International Conference on Mathematical Methods and Computation*”, January 2015, 618-621.
3. “*On Fuzzy Dominator Coloring in Fuzzy Graphs*”, *Applied Mathematical Sciences*, Vol-9, 2015, no 23, 1131-1137.
4. “*A Study on Fuzzy Coloring in Fuzzy Graphs*”, *Advances in Fuzzy Mathematics*, Vol.10, No.2 (2015), 109-116”.
5. “*Fuzzy Dominator Chromatic Number of Bipartite, Middle and Subdivision Fuzzy Graph*”, *International journal of Fuzzy Mathematics and Systems*, Vol. 5, No.1 (2015), 99-106.
6. “*Fuzzy Chromatic Number of Middle, Subdivision and Total Fuzzy Graph*”, *International Journal of Mathematical Archive*, 6 (12), Dec 2015, 90-94.

8. “*Fuzzy Chromatic Number of Operations on Fuzzy Graphs*”, *Annals of Pure and Applied Mathematics*, Vol.11, No.1, Jan 2016, 93-98.

YOU TUBE LINKS:

1. <https://youtu.be/Rz76sPzWDOw>
2. <https://youtu.be/InmI-ab273s>
3. <https://youtu.be/Pmuk76SxCuU>
4. <https://youtu.be/xPs2vLcVH3E>
5. https://youtu.be/73l0C_nlqwE
6. <https://youtu.be/bm24puMeCrY>
7. <https://youtu.be/L6Ntox1QffE>
8. <https://youtu.be/LjQRmuqzh-A>
9. <https://youtu.be/entGDU5eZUG>