

**Jamal Mohamed College ( Autonomous) Tiruchirappalli -20.**

**Resume (as on 15.09.2023)**

**Post Graduate and Research Department of Mathematics ( SF)**

1. Name : **A. THAGASIN BANU**  
2. Gender : Female  
3. Designation : Assistant Professor  
4. Date of Birth : 27-03-1988  
5. Address :

**Residential**

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**6. Educational Qualifications :**

|                        | Examination Passed      | Year |
|------------------------|-------------------------|------|
| Bachelor's Degree      | B.Sc., (Mathematics)    | 2009 |
| Master's Degree        | M.Sc., (Mathematics)    | 2011 |
| Research degree        | M.Phil., ( Mathematics) | 2015 |
| Diploma/ Certificate . | P.G.D.C.A               | 2008 |

**7. Experience :**

Under Graduate: 10 years

Post Graduate : 9 years

8. Languages Known : Tamil, English, Urdu

9. Area of Specialization : Graph Theory

10. Subjects taught :

Under Graduate:

1. Vector analysis and 2D
2. Differential Calculus and Trigonometry
3. Differential Equations
4. Inequalities and theory of equations
5. Laplace transform and Fourier series
6. Mathematical statistics
7. Sequences and Series

Post Graduate :

1. Partial Differential Equations
2. Functional analysis
3. Numerical Analysis

**11. Seminars / Conferences / Workshops Attended:**

1. Two days International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 13th & 14th February 2014.
2. Four day Work shop on "LATEX and SPSS" PG and Research Department of Mathematics ,Jamal Mohamed College(Autonomous), Trichy, 22-09-2014 to 25-09-2014.
3. Two days International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 22nd & 23rd January 2015.
4. UGC Sponsored Two days National conference on "Graph Theory, Fuzzy Graph Theory and their Applications" , Jamal Mohamed College(Autonomous), Trichy, 10th & 11th February 2016.
5. One Day workshop on "The Role of a Teacher in the present Scenario", Jamal Mohamed College(Autonomous), Tiruchirappalli, 03.12.2016.
6. Three day NLP- Based Faculty Empowerment Programme organized by IQAC of Jamal Mohamed College(Autonomous), Trichy, 17<sup>th</sup> , 19<sup>th</sup> and 20<sup>th</sup> June 2017.

7. One day International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 11<sup>th</sup> December 2017.
8. One day work on “ Improving teaching practices – A Strategic Approach” organized by IQAC, Jamal Mohamed College(Autonomous), Trichy, on 23<sup>rd</sup> June 2018.
9. UGC Sponsored Two days Workshop on “Professional Development for academic leadership in curriculum design”, Jamal Mohamed College, Trichy, 18<sup>th</sup> & 19<sup>th</sup> January 2019.
10. Two days International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, on 20<sup>th</sup> & 21<sup>st</sup> February 2019.
11. One day Staff enrichment programme on ownership culture organized by IQAC, Jamal Mohamed College(Autonomous), Trichy, on 14<sup>th</sup> June 2019.
12. One Day workshop on “Algebra and its Applications”, Jamal Mohamed College(Autonomous), Tiruchirappalli, 28.09.2019.
13. One day Orientation programme on “MOOC’s and e- Learning” organized by Department of Library, Jamal Mohamed College(Autonomous), Trichy, on 29<sup>th</sup> January 2020.
14. one day International Conference on Mathematical methods and computation, Jamal Mohamed College(Autonomous), Trichy, 18<sup>th</sup> February 2020
15. one day International Workshop on Python Programming, Jamal Mohamed College(Autonomous), Trichy, 19<sup>th</sup> February 2020.
16. International Conference on “Mathematical Methods and Computation” organized by the P.G. & Research Department of Mathematics, Jamal Mohamed College, Trichy on 19<sup>th</sup> February 2020.
17. A 4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”, organized by the Teaching Learning Centre, Ramanujan College, University of Delhi from 20<sup>th</sup> December 2021 to 19<sup>th</sup> January 2022.
18. One Week Faculty Development Programme on “ICT Tools for E-content Development” jointly organized by PG and Research Department of Mathematics, & Internal Quality Assurance Cell, Trichy from 24<sup>th</sup> January 2022 to 29<sup>th</sup> January 2022.
19. Two days International Conference on “Mathematical Methods and Computation (ICOMAC 2022)”, Jamal Mohamed College, Trichy, 21<sup>st</sup> and 22<sup>nd</sup> December 2022.0020
20. One Day International Workshop on “Big Data Analytics using Distributed

Computing”, Jamal Mohamed College, Trichy, 23rd December 2022.

21. Two Days Science Academies’ Lecture Workshop on “Differential Equations and Their Applications in Mathematical Modelling” Jamal Mohamed College, Trichy, 6th and 7th January 2023.

**12. Organizing Seminars/workshops/Comptitions :**

1. Organizing Two days intra- departmental competition “MATH - O – VISION” held on 10<sup>th</sup> and 11<sup>th</sup> January 2019, PG and Research Department of Mathematics , Jamal Mohamed College(Autonomous), Trichy.
2. Organizing one day workshop on Algebra and its Applications” held on 28<sup>th</sup> September 2019, PG and Research Department of Mathematics , Jamal Mohamed College(Autonomous), Trichy.
3. Organizing Two days intra- departmental competition “MATH - O – VISION” on 21<sup>th</sup> and 22<sup>th</sup> January 2020, PG and Research Department of Mathematics , Jamal Mohamed College(Autonomous), Trichy.