

Dr. T. SHIEK PAREETH

M.Sc., B.Ed., M.Phil., MDTP., Ph.D.

**Assistant Professor in Mathematics.,
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Personal Details

❖ Name	Dr. T. SHIEK PAREETH
❖ Father Name	N.K. Thippusulthan
❖ Date of Birth	01-01-1987
❖ Nationality	Indian
❖ Religion	Muslim - Lebbai
❖ Sex	Male
❖ Marital Status	Married
❖ Address for Communication	16/17-A Vandipettai street, Periyapalam, Kulithalai (post), Kulithalai - 639 104, Karur District. Tamilnadu, India.

Date of Joining in Jamal Mohamed College

Started working as an Assistant Professor in the Department of Mathematics (SF) from 01-10-2012 at Jamal Mohamed College (Autonomous), Tiruchirappalli - 620 020, Tamilnadu.

Educational Qualifications

Degree	University/College	Year of Passing
Ph.D. Mathematics	Jamal Mohamed College(Autonomous) Bharathidasan University, Tiruchirappalli	2022
M.Phil. Mathematics	Jamal Mohamed College(Autonomous) Bharathidasan University, Tiruchirappalli	2012
B.Ed. Mathematics	M.A.M College of Education Tamilnadu Teachers Education University	2011
MDTP	DOEACC Society Chandigarh Centre & National Council for Promotion of Urudu (Govt.of India - New Delhi)	2010
M.Sc. Mathematics	Jamal Mohamed College(Autonomous) Bharathidasan University, Tiruchirappalli	2010
B.Sc. Mathematics	Jamal Mohamed College(Autonomous) Bharathidasan University, Tiruchirappalli	2008

Teaching Experience

Under Graduate : 10
Post Graduate : 10
M.Phil. : 04

Area of Specialization

- ❖ **Analysis**
- ❖ **Operations Research**
- ❖ **Graph Theory**
- ❖ **Fuzzy sets and Fuzzy Numbers**

Subject Thoughts

❖ **Under Graduate:**

1. **Operations Research**
2. **Calculus**
3. **Numerical Methods**
4. **Mathematical Statistics**
5. **Differential Equations and Vector Calculus**

❖ **Post Graduate:**

1. **Partial Differential Equations**
2. **Advanced Operations Research**
3. **Measure Theory and Integration**
4. **Mathematical Foundations**
5. **Fuzzy sets and their applications**

❖ **M.Phil.: Fuzzy Optimization**

Administrative Position held in the college

- ❖ Handling **Moral Education** Classes
- ❖ CIA Test in charge of Mathematics Department 2012-2013
- ❖ Library in charge of Mathematics Department 2012-2013
- ❖ Board of Studies Member: Department of Mathematics, JMC
- ❖ ICOMAC : Executive Committee member
Department of Mathematics, JMC

- ❖ Handling **Remedial classes** for subject weaker students and Allied subject students

Research Experience

Degree	Title of work/ Thesis	College / University
M.Phil.	Fuzzy Matrix	Jamal Mohamed College Bharathidasan University Tiruchirappalli- 620 020.
Ph.D.	Algorithmic Approach to Fuzzy Linear Sum Assignment Problems	Jamal Mohamed College Bharathidasan University Tiruchirappalli- 620 020.

E-content

- ❖ **Problems on Averages:** <https://www.youtube.com/watch?v=CNe-9wyHztQ>

LIST OF PAPER PRESENTED

S.NO	PAPER PRESENTED IN INTERNATIONAL CONFERENCES
1.	Dual and Partial Primal Solution for Solving Linear Sum Feasible Fuzzy Assignment Problem in “International Conference on Mathematical Methods and Computation(ICOMAC)”, on 11 th December 2017 at Jamal Mohamed College,Tiruchirappalli, Tamilnadu.
2.	Spread Out of New Partial Feasible and Optimal Perfect Matching for Solving Interval-Valued α -Cut Fuzzy Linear Sum Bottleneck Assignment Problem in “International Conference on “Mathematical Methods and Computation (ICOMAC)”, on 20 th & 21 st February 2019 at Jamal Mohamed College,

	Tiruchirappalli, Tamilnadu.
3.	A New Optimal Complete Matching of Edges with Minimum Cost by Ranking Method for Solving \square-Type -2 Fuzzy Linear Sum Assignment Problem “Heber International Conference on Applied Mathematics (HICAM)”, on 26th April 2021 at Bishop Heber College, Tiruchirappalli, Tamilnadu.
4.	A Spread of Minimum Vertex Cover of Optimization Matching Techniques in the Bipartite Graph for Solving \square - Pentagonal Fuzzy Linear Sum Assignment Problem International Conference on “Pure and Applied Mathematics (ICOPAM)” in KeralaMathematical Association, on 24th & 25th March 2022 at TBML College, Porayar, Tamilnadu.
5.	Minimum Vertex Cover of \square - Pentagonal Fuzzy Linear Sum Assignment Problem in “International Conference on “Mathematical Methods and Computation (ICOMAC)”, on 20th & 21st February 2022 at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.

List of Paper Publications:

S.NO	Publications in National / International Journals/Scopus Indexed Journals
1.	Nagoor Gani.A., Shiek Pareeth.T, Dual and Partial Primal Solution for Solving Linear Sum Feasible Fuzzy Assignment Problem, International Journal of Fuzzy Mathematical Archive, Vol. 14, No. 2, 2017, 171-177.
2.	Nagoor Gani.A., Shiek Pareeth.T, Feasible Degenerate Pivoting and Optimal Non-Degenerate Pivoting for Solving Fuzzy Linear Sum Assignment Problems, Journal of Physical Sciences, Vol. 23, 2018, P.97-109.

3.	Nagoor Gani.A., Shiek Pareeth.T, A New Modified Optimal Perfect Matching in Partial Feasible Matching for Solving Fuzzy Linear Sum Assignment Problems, Bulletin of Pure and Applied Sciences, Vol. 38E (Math & Stat.), No.1, 2019. P.432-440.
4.	Nagoor Gani.A., Shiek Pareeth.T, A Spread Out of New Partial Feasible and Optimal Perfect Matching for Solving Interval-Valued α -Cut Fuzzy Linear Sum Bottleneck Assignment Problem, Advances and Applications in Mathematical Sciences, Volume 19, Issue 11, September 2020, P. 1159-1173.
5.	Nagoor Gani.A., Shiek Pareeth.T, A New Optimal Complete Matching of Edges with Minimum Cost by Ranking Method for Solving m -Type -2 Fuzzy Linear Sum Assignment Problem, Journal of Cardiovascular Disease Research, Volume 12, Issue 02, 2021, P.100-105.
6.	Nagoor Gani.A., Shiek Pareeth.T, Solving Fuzzy Multi-Objective Linear Sum Assignment Problem with Modified Partial Primal Solution of \square - type 2 - Diamond Fuzzy Numbers by Using Linguistic Variables, Advances in Dynamical Systems and Applications. Volume 16, Number 2, (2021), P.1499-1514.
7.	Nagoor Gani.A., Shiek Pareeth.T, Minimum Vertex Cover of ω -Pentagonal Fuzzy Linear Sum Bottleneck Assignment Problem, Advances and Applications in Mathematical Sciences.

Extra Activities

- ❖ Actively Participated Ten-day special camping programme on the theme “Healthy youth for Healthy India” Thirumalaisamuthiram

organised at Mullipattyi village from 09-02—2007 to 18-02-2007.

Seminor/Workshop/FDP

- ❖ **Participated in the International Workshop on “Python Programming” organised by PG & Research Department of Mathematics, Jamal Mohamed College, Tiruchirappalli-620 020.**