

## Dr. T. SHIEK PAREETH

M.Sc., B.Ed., M.Phil., MDTP., Ph.D.,  
Assistant Professor in Mathematics,  
PG & Research Department of Mathematics,  
Jamal Mohamed College (Autonomous),  
Tiruchirappalli - 620 020.  
Tamilnadu, India.

Email id : [shiekpareeth.t@gmail.com](mailto:shiekpareeth.t@gmail.com) , [ts@jmc.edu](mailto:ts@jmc.edu)

Mobile: 98425 89149



### 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 Urdu (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

## Professional Experience

- ❖ 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

- ❖ Coordinating our Department (Men & Women) Students for Industrial Visit & Education Tour from 2019 onwards

### Research Experience

Degree	Title of work/ Thesis	College / University
Ph.D.	Algorithmic Approach to Fuzzy Linear Sum Assignment Problems	Jamal Mohamed College Bharathidasan University Tiruchirappalli- 620 020.
M.Phil.	Intuitionistic Fuzzy Graph, Strong Fuzzy Domination and Vertex Strength of Fuzzy Graph	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 CONFERENCES/ SEMINAR

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

	February 2019 at Jamal Mohamed College, Tiruchirappalli, and Tamilnadu.
3.	<i>A New Optimal Complete Matching Solution for Solving Fuzzy Linear Sum Bottleneck Assignment Problem” in International Conference on “Mathematical Methods and Computation (ICOMAC)”, on 19<sup>th</sup> Feb 2020 at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.</i>
4.	<i>“A New Optimal Complete Matching of Edges with Minimum Cost by Ranking Method for Solving <math>\omega</math>-Type -2 Fuzzy Linear Sum Assignment Problem.” “Heber International Conference on Applied Mathematics (HICAM)”, on 26<sup>th</sup> April 2021 at Bishop Heber College, Tiruchirappalli, Tamilnadu.</i>
5.	<i>“A Spread of Minimum Vertex Cover of Optimization Matching Techniques in the Bipartite Graph for Solving <math>\omega</math> - Pentagonal Fuzzy Linear Sum Assignment Problem”</i> International Conference on “Pure and Applied Mathematics (ICOPAM)” in Kerala Mathematical Association, on 24 <sup>th</sup> & 25 <sup>th</sup> March 2022 at TBML College, Porayar, Tamilnadu.
6.	<i>“Minimum Vertex Cover of <math>\omega</math> - Pentagonal Fuzzy Linear Sum Assignment Problem”</i> in “International Conference on “Mathematical Methods and Computation (ICOMAC)”, on 20 <sup>th</sup> & 21 <sup>st</sup> February 2022 at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.

**List of Publications in National / International Journals/Scopus Indexed Journals**

S.NO	Publications in National / International Journals/Scopus Indexed Journals
1.	Nagoor Gani.A., Shiek Pareeth.T, <b><i>Dual and Partial Primal Solution for Solving Linear Sum Feasible Fuzzy Assignment Problem</i></b> , International Journal of Fuzzy Mathematical Archive, Vol. 14, No. 2, 2017, 171-177.
2.	Nagoor Gani.A., Shiek Pareeth.T, <b><i>Feasible Degenerate Pivoting and Optimal Non-Degenerate Pivoting for Solving Fuzzy Linear Sum Assignment Problems</i></b> , Journal of Physical Sciences, Vol. 23, 2018, P.97-109.
3.	Nagoor Gani.A., Shiek Pareeth.T, <b><i>A New Modified Optimal Perfect Matching in Partial Feasible Matching for Solving Fuzzy Linear Sum Assignment Problems</i></b> , Bulletin of Pure and Applied Sciences, Vol. 38E (Math & Stat.), No.1, 2019. P.432-440.
4.	Nagoor Gani.A., Shiek Pareeth.T, <b><i>A Spread Out of New Partial Feasible and Optimal Perfect Matching for Solving Interval-Valued <math>\alpha</math>-Cut Fuzzy Linear Sum Bottleneck Assignment Problem</i></b> , Advances and Applications in Mathematical Sciences, Volume 19, Issue 11, September 2020, P. 1159-1173.
5.	Nagoor Gani.A., Shiek Pareeth.T, <b><i>A New Optimal Complete Matching of Edges with Minimum Cost by Ranking Method for Solving <math>\omega</math> -Type -2 Fuzzy Linear Sum Assignment Problem</i></b> , Journal of Cardiovascular Disease Research, Volume 12, Issue 02, 2021, P.100-105.
6.	Nagoor Gani.A., Shiek Pareeth.T, <b><i>Solving Fuzzy Multi-Objective Linear Sum Assignment Problem with Modified Partial Primal Solution of <math>\omega</math> - type 2 - Diamond Fuzzy Numbers by Using Linguistic Variables</i></b> , Advances in Dynamical Systems and Applications. Volume 16, Number 2, (2021) , P.1499-1514.

7.	Nagoor Gani.A., Shiek Pareeth.T, <i>Minimum Vertex Cover of <math>\omega</math>-Pentagonal Fuzzy Linear Sum Bottleneck Assignment Problem</i> , Advances and Applications in Mathematical Sciences, Advances and Applications in Mathematical Sciences .Volume 22, Issue 8, June 2023, Pages 1819-1829
----	--

### ***Received Camp Certificates/Merit Certificates / Sports Certificate***

- ❖ *Participated and Served in Various Concurrent Regular Programmes organised Under N.S.S (Bharathidasan University) and Certified Completed Satisfactorily Two Years of Service in N.S.S during 2005-2007.*
- ❖ *Actively participated and Served in the ten-days Special Camping Programme at Thirumalaisamuthiram, Mullippatti and Vangarampatti villages on the theme “Healthy Youth for Healthy India” organised Under N.S.S (Bharathidasan University) from 09-02-2007 to 18-02-2007. His Work was satisfactory during the Camp.*
- ❖ *Actively participated and Served in the ten-days Special Camping Programme on the theme “Healthy Youth for Healthy India” organised at Thirumalaisamuthiram Panchayat,*

*Mandaiyur Panchayat from 09-02-2007 to 18-02-2007. His Work was satisfactory during the Camp.*

- ❖ *Received Merit Certificate in Deeniyath Education having been Qualified and Placed in FIRST CLASS at the Examination held in 2009-2010 Organised by Faculty of Deeniyath Education, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu.*
- ❖ *Certified of Appreciation in the Commendable role as the JAMATGES-2K22-Executive Committee Member of Mathematical Department, Jamal Mohamed College(Autonomous), Tiruchirappalli in the Academic Year 2021-2022.*
- ❖ *Awarded in Recognition of Red House having been placed as Winner Volley Ball in the Intramural Tournaments at M.A.M College of Education, during the year 2010-2011.*



## **Participated International/National Conferences**

- ❖ *Participated in the UGC Sponsored Two-day International Conference on “Mathematical Methods and Computations (Under UGC Autonomous Grant)” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu held during July 24-25,2009.*
- ❖ *Participated in the UGC Sponsored One-day National Level Seminar on “Graph Theory, Algorithms and Modelling (Under UGC Autonomous Grant)” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 19-03-2010.*
- ❖ *Participated in the UGC Sponsored One-day National Level Seminar on “Applications on Mathematics (Under UGC Autonomous Grant)” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 22-02-2012.*

- ❖ *Participated in the UGC Sponsored One-day National Seminar on “Discrete Mathematics and its Applications (Autonomous Grant)” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 09-03-2013.*
- ❖ *Participated in the One Day State Level Seminar on “Computing and Communication Technologies” organised by PG Department of Information Technology at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 25-02-2015.*
- ❖ *Participated in the UGC Sponsored One-day National Conference on “National Conference on Advanced Computing (Under UGC Autonomous Grant)” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 05-03-2015.*
- ❖ *Participated in the one-day “National Conference on Computing and Communication Technologies” organised by PG Department of Information Technology, Jamal Mohamed*

*College (Autonomous), Tiruchirappalli, Tamilnadu on 17-09-2016.*

- ❖ *Participated in the **One-day National Conference on “Advanced Computing”** organised by PG & research Department of Computer Science, Jamal Mohamed College (Autonomous), Tiruchirappalli, and Tamilnadu on 15-03-2017.*
- ❖ *Participated and Served as **Executive Committee Member in the International Conference on “Mathematical methods and Computation”** organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 11th December 2017.*
- ❖ *Participated and Served as **Executive Committee Member in the International Conference on “Mathematical methods and Computation”** organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 20th and 21th February 2019.*
- ❖ *Participated in the **One-day International Conference on Heber International Conference on Applied Mathematics (HICAM),***

*on 26th April 2021 at Bishop Heber College,  
Tiruchirappalli, Tamilnadu.*

❖ *Participated in the Two-day International Conference on “Pure and Applied Mathematics (ICOPAM) in Kerala Mathematical Association, on 24th & 25th March 2022 at TBML College, Porayar, Tamilnadu.*

❖ *Participated and Served as Executive Committee Member in the International Conference on “Mathematical methods and Computation” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 21th and 22th December 2022.*

### **Participated Workshop/FDP/orientation Programme**

❖ *Participated in the One-day Faculty Enrichment Program on “Use of NLP Techniques in Teaching conducted” organised by Department of Information Technology is Associated with ICT Academy of Tamilnadu at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 05-03-2016.*

- ❖ *Participated in the **One Day Workshop on “The Role of Teacher in the Present Scenario” Organised by Internal Quality Assurance Cell of Jamal Mohamed College, Tiruchirappalli, Tamilnadu on 03-12-2016.***
- ❖ *Participated in the **Two-days FDP on “Presentation Skills Level 1” Conducted by ICT Academy, held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 23-02-2017 & 24-02-2017.***
- ❖ *Participated in the **Two-day Workshop on “Professional Development for Academic Leadership in Curriculum Design” organised by Curriculum Development Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 18<sup>th</sup> & 19<sup>th</sup> January 2019.***
- ❖ *Participated in the **“Orientation Programme on MOOC’S and e-Learning” organised by Department of Library, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 29-01-2020.***
- ❖ *Participated in the **International Workshop on “Python Programming” organised by PG & Research Department of***

*Mathematics, Jamal Mohamed College (Autonomous),  
Tiruchirappalli, Tamilnadu on 18-02-2020.*

- ❖ *Participated in the one-day “International Workshop on Big Data Analytics Using Distributed Computing” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu on 23-12-2022.*

#### **Participated Webinar/Quiz**

- ❖ *Participated “E-Quiz on English Grammar” organised by Department of English, Erode Arts & Science College Coimbatore on 13-05-2020.*
- ❖ *Participated “Online Technical Quiz” organised by, PG & Research Department of Computer Science, Sir Isaac Newton College of Arts & Science on 15-05-2020.*
- ❖ *Participated “Covid – 19 Pandemic Awareness Quiz” organised by Internal Quality Assurance Cell of Jamal Mohamed College, PG & Research Department of Zoology, The New College (Autonomous), Chennai on 16-05-2020.*

- ❖ *Participated “Online Covid – 19 Awareness Quiz” organised by Red Ribbon Club of Don Bosco Arts & Science College on 21-05-2020.*
- ❖ *Participated “National Level E-Quiz on Research Methodology” organised by Research Committee of Mannar Thirumalai Naicker College (Autonomous), Pasumalai, Madurai on 28-05-2020.*
- ❖ *Participated “Covid – 19 Awareness E-Quiz” organised by PG & Research Department of Biotechnology, Mahindra Arts & Science College, Kalippatti on May 2020.*
- ❖ *Participated in the one-day Webinar on “Don’t work work out” organised by G.T.N group of Institution, Dindigul on 19-06-2020.*
- ❖ *Participated in the one-day Webinar on “Guidance & Counselling for Well Being” organised by Department of Education, Meerut College, Meerut (UP) & Guidance & Counselling Cell, Meston College of Education, Chennai on 20-06-2020.*

- ❖ *Participated in the five days E-content development organised by Internal Quality Assurance Cell of Jamal Mohamed College, Tiruchirappalli, Tamilnadu on 30-06-2020 to 04-07-2020.*
- ❖ *Participated in the one-day Webinar on “Inner Product Space” organised by PG & Research Department of Mathematics, Urumu Dhanalakshmi College, Kattur, and Tiruchirappalli on 06-07-2020.*
- ❖ *Participated in the one-day Webinar on “Complex Analysis” organised by PG & Research Department of Mathematics, Urumu Dhanalakshmi College, and Karur on 10-07-2020.*
- ❖ *Participated in the one-day Webinar on “Complex Analysis” organised by PG & Research Department of Mathematics, Urumu Dhanalakshmi College, Karur on 10-07-2020.*
- ❖ *Participated in the one-day Webinar on “National Educational Policy” organised by Internal Quality Assurance Cell of Jamal Mohamed College, Tiruchirappalli, Tamilnadu on 08-08-2020.*



*Participated “Online Quiz - Yoga” organised by Department of  
Physical Education, Khadir Mohideen College,  
Adirampattinam on 06-12-2020.*

<b>WEB LINK</b>	
<b>GOOGLE SCHOLAR</b>	<a href="https://scholar.google.co.in/citations?user=JpdIIvoAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=JpdIIvoAAAAJ&amp;hl=en</a>
<b>RESEARCH GATE</b>	<a href="https://www.researchgate.net/profile/Tsheik-Pareeth-2">https://www.researchgate.net/profile/Tsheik-Pareeth-2</a>