

DR. T. SHIEK PAREETH.

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CAREER OBJECTIVE

Looking forward to work in an environment which enables me to put abilities and skills in terms of core and interdisciplinary mathematics whereby meeting the higher goals it sets.

SUMMARY

- ❖ Having 11 years of experience in creating positive environments in which students learn and grow. Incorporates interdisciplinary knowledge into the classroom to engage students of all learning orientations of Experience and Student Focused Professional
- ❖ have been consistently establishing safe and motivational learning environment for the student's while teaching various mathematical papers. Have guided the students towards their career growth both academically and professionally.
- ❖ Has dynamic leadership quality with overall management skills. Proactively involved in all the internal administrative tasks of the institution.
- ❖ Got excellent subject knowledge and guided PG to give effective suggestions in successful completion of the project with excellent performance scores.
- ❖ Actively Participated and Served in the Special Camping and Various Concurrent Regular Programmes.

KEY SKILLS & SPECIALIZATION

- ❖ Excellent knowledge in wide range of mathematical concepts which include Operations Research, Graph Theory, Fuzzy Mathematics, Linear Algebra, Complex Analysis and Differential Equations.
- ❖ Expert in application oriented problems solving, problem generation and solution, course material preparation, electronic teaching & learning methods and live streaming classes.
- ❖ Exceptional knowledge in computer programming languages including c, C++, LaTeX, basic R programming, has good ability to work in the MS Office suite.

ACADEMICS:

S.NO	Degree	Year of Passing	University/College	Institution
1.	Ph.D. Mathematics	2022	Bharathidasan University, Tiruchirappalli	Jamal Mohamed College(Autonomous)
2.	M.Phil. Mathematics	2012	Bharathidasan University, Tiruchirappalli	Jamal Mohamed College(Autonomous)
3.	B.Ed. Mathematics	2011	Tamil Nadu Teachers Education University	M.A.M College of Education
4.	MDTP	2010	DOEACC Society Chandigarh Centre & National Council for Promotion of Urdu (Govt.of India – New Delhi)	Jamal Mohamed College(Autonomous)
5.	M.Sc. Mathematics	2010	Bharathidasan University, Tiruchirappalli	Jamal Mohamed College(Autonomous)
6.	B.Sc. Mathematics	2008	Bharathidasan University, Tiruchirappalli	Jamal Mohamed College(Autonomous)
7.	HSC	2004	State Board	Government Boys Higher Secondary School, Kulithalai.
8.	SSLC	2002	State Board	Government Boys Higher Secondary School, Kulithalai.

PROFESSIONAL EXPERIENCE

- ❖ Working as an Assistant Professor (Self-Financing) in the **PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), National Accredited at A++ Grade with a CGPA of 3.69 out of 4** (in NAAC 4th cycle). Affiliated to Bharathidasan University, Tiruchirappalli-620 020, Tamil Nadu India.
- ❖ Under Graduate Teaching Experience: 11 Years
- ❖ Post Graduate Teaching Experience: 9 Years
- ❖ M.Phil. Teaching Experience: 2 Years
- ❖ Handled Allied Paper Oriented Classes for B.Sc., (CS)., B.C.A., B.Sc. (IT)., Degree students.

- ❖ Handling **Moral Education** Classes
- ❖ CIA Test in charge of Mathematics Department during 2012-2013.
- ❖ Library in charge of Mathematics Department during 2012- 2013. .
- ❖ Handling **Remedial classes** for slow learner’s students and Allied subject students.
- ❖ Coordinating our Department (Men & Women) Students for Industrial Visit & Education Tour from 2019 onwards.
- ❖ General Library Development Committee – Member from 2023 to till date.

RESEARCH /DISSERTATION/PROJECT WORK:

<p>➤ Ph.D</p> <p>Research Advisor</p>	<p>“Algorithmic Approach to Fuzzy Linear Sum Assignment Problems”</p> <p>Dr. A. Nagoor Gani, Associate Professor of Mathematics, PG & Research Department of Mathematics. Jamal Mohamed College (Autonomous), Tiruchirappalli- 620 020.</p>
<p>➤ M.Phil.</p> <p>Project Guide</p>	<p>“Intuitionistic Fuzzy Graph, Strong Fuzzy Domination and Vertex Strength of Fuzzy Graph”</p> <p>Dr. A. Solai Raju, Associate Professor of Mathematics, PG & Research Department of Mathematics. Jamal Mohamed College (Autonomous), Tiruchirappalli- 620 020.</p>
<p>➤ M.Sc.</p>	<p>“A Study on Fuzzy Matrix” Under the Guidance of</p> <p>Dr. A. Solai Raju, Associate Professor of Mathematics, PG & Research Department of Mathematics. Jamal Mohamed College (Autonomous), Tiruchirappalli- 620 020.</p>

CO-CURRICULAR ACTIVITIES AND SPECIAL APPRECIATIONS:

- Participated and Served in Various Concurrent Regular Programmes organised Under N.S.S (BDU) and Completed Satisfactorily Two Years of Service in N.S.S during 2005-2007.
- Received a certificate from university for a *ten-day 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.
- Received a certificate from village people for a ten-day 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.
- Received Merit Certificate in Deeniyath Education secured a **FIRST CLASS** at the Examination held in 2009-2010 Organised by Faculty of Deeniyath Education, Jamal Mohamed College(Autonomous), Tiruchirappalli, Tamilnadu.
- Received a certificate for a Commendable role as the JAMATGES-2K22-Executive Committee Member of Mathematical Department, Jamal Mohamed College(Autonomous), Tiruchirappalli in the Academic Year 2021-2022.
- Received a certificate of Appreciation from Government of India who has acted as Evaluator Trichy district level in the focal theme” Understanding Ecosystem for Health and Well-being at the 31st National Children Science Congress held at Jamal Mohamed College on 30-10-2023.

NATIONAL AND INTERNATIONAL CONFERENCES ATTENDED:

- ❖ Participated in an 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, held during July 24 to 25, in the year 2009.
- ❖ Participated in an 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, on during 19-03-2010.
- ❖ Participated in an 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, during 22-02-2012.
- ❖ Participated in an 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, on 09-03-2013.

- ❖ Participated in a One Day State Level Seminar on “Computing and Communication Technologies” organised by PG Department of Information Technology at Jamal Mohamed College (Autonomous), Tiruchirappalli 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, Tamil Nadu on 05-03-2015.
- ❖ Participated in a 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 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, 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 a One-day International Conference on Heber International Conference on Applied Mathematics (HICAM), on 26th April 2021 at Bishop Heber College, Tiruchirappalli, Tamilnadu.
- ❖ Participated a Two-day International Conference on “Pure and Applied Mathematics (ICOPAM) in Kerala Mathematical Association, on 24th & 25th March 2022 at TBML College, Porayar, Tamil Nadu.
- ❖ 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, on 21th and 22th December 2022.

WORKSHOPS//FPD//QUIZ ATTENDED

- ❖ 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 a Six-day National Faculty Development Program on “Disruptive Technologies of Computer Science 2023 organised by Department of Computer Science, Satyabhama Institute of Science Technology, Chennai, on 24-06-2023 to 29-06-2023.
- ❖ Participated in a One Day Workshop on “The Role of Teacher in the Present Scenario” Organised by Internal Quality Assurance Cell of Jamal Mohamed College, Tiruchirappalli, on 03-12-2016.

- ❖ Participated in a Two-day FDP on “Presentation Skills Level 1” Conducted by ICT Academy, held at Jamal Mohamed College (Autonomous), Tiruchirappalli, on 23-02-2017 & 24-02-2017.
- ❖ Participated in a Two-day Workshop on “Professional Development for Academic Leadership in Curriculum Design” organised by Curriculum Development Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 18th & 19th January 2019.
- ❖ Participated in a “Orientation Programme on MOOC’S and e-Learning” organised by Department of Library, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 29-01-2020.
- ❖ Participated an International Workshop on “Python Programming” organised by Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 18-02-2020.
- ❖ Participated in a one-day “International Workshop on Big Data Analytics Using Distributed Computing” organised by PG & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, on 23-12-2022.
- ❖ Participated an “E-Quiz on English Grammar” organised by Department of English, Erode Arts & Science College Coimbatore on 13-05-2020.
- ❖ Participated an “Online Technical Quiz” organised by, PG & Research Department of Computer Science, Sir Isaac Newton College of Arts & Science on 15-05-2020.
- ❖ Participated a “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 a “Online Covid – 19 Awareness Quiz” organised by Red Ribbon Club of Don Bosco Arts & Science College on 21-05-2020.
- ❖ Participated a “National Level E-Quiz on Research Methodology” organised by Research Committee of Mannar Tirumalai Naicker College (Autonomous), Pasumalai, Madurai on 28-05-2020.
- ❖ Participated a “Covid – 19 Awareness E-Quiz” organised by PG & Research Department of Biotechnology, Mahindra Arts & Science College, Kalippatti on May 2020.
- ❖ Participated a one-day Webinar on “Don’t work work out” organised by G.T.N group of Institution, Dindigul on 19-06-2020.
- ❖ Participated a 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 a five-day E-content development programme organised by Internal Quality Assurance Cell of Jamal Mohamed College, Tiruchirappalli, on 30-06-2020 to 04-07-2020.
- ❖ Participated in a one-day Webinar on “Inner Product Space” organised by Department of Mathematics, Urumu Dhanalakshmi College, Kattur, Tiruchirappalli on 06-07-2020.

- ❖ Participated in a one-day Webinar on “Complex Analysis” organised by PG & Research Department of Mathematics, Urumu Dhanalakshmi College, Karur on 10-07-2020.
- ❖ Participated in a one-day Webinar on “Complex Analysis” organised by PG & Research Department of Mathematics, Urumu Dhanalakshmi College, Karur on 10-07-2020.
- ❖ Participated in a one-day Webinar on “National Educational Policy” organised by Internal Quality Assurance Cell of Jamal Mohamed College, Tiruchirappalli, Tamilnadu on 08-08-2020.
- ❖ Participated an “Online Quiz - Yoga” organised by Department of Physical Education, Khadir Mohideen College, Adirampattinam on 06-12-2020.

LIST OF 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 ω -Type -2 Fuzzy Linear Sum Assignment Problem, Journal of Cardiovascular Disease Research, Volume 12, Issue 02, 2021, 100-105.
6.	Nagoor Gani.A., Shiek Pareeth.T, Solving Fuzzy Multi-Objective Linear Sum Assignment Problem with Modified Partial Primal Solution of ω - 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, Advances and Applications in Mathematical Sciences .Volume 22, Issue 8, June 2023, Pages 1819-1829
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LIST OF PAPER PRESENTED IN CONFERENCES/ SEMINARS

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

SUBJECT TAGHT

❖ 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

MEMBERSHIP

- ❖ Board of Studies Member: Department of Mathematics, JMC
- ❖ ICOMAC : Executive Committee member
Department of Mathematics, JMC

PERSONAL DETAILS

❖ Name	Dr. T. SHIEK PAREETH
❖ Father'S Name	N.K. Thippu Sulthan
❖ 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.

E-CONTENT :

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

WEB LINK

GOOGLE SCHOLAR	https://scholar.google.co.in/citations?user=JpdI1voAAAAJ&hl=en
RESEARCH GATE	https://www.researchgate.net/profile/Tsheik-Pareeth-2

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

DATE: 15-12-2023



(DR.T. SHIEK PAREETH)