

FACULTY PROFILE

1. Name of the Teacher : Dr. V.N.MOHAMED
2. Sex : Male
3. Age & Date of birth : 52 years, 15-03-1970
4. Date of Retirement : 31.03.2026
5. Permanent address : V.N.HOUSE
VALIYA PEEDIKA, KUTTOOR NORTH (P.O)
MALAPPURAM (DIST)
KERALA – 676 305
TEL: 0494- 2491307, 09496341083
e-mail: *vnmohamed@gmail.com*

6. ACADEMIC QUALIFICATIONS

Name of Exams Passed	Class/division obtained	Percentage of Marks	Subjects studied	Name of the University/Board	Year of Passing
Ph.D				Bharathidasan University, Tiruchirappalli, Tamilnadu	2017
B.Ed	First Class	63.6	Mathematics	University of Calicut	1993
M.Sc	First Class	78.8	Mathematics	University of Calicut	1992
B.Sc	First Class	96.3	Mathematics	University of Calicut	1990
Pre-Degree	Second Class	55	Physics, Chemistry, Mathematics	University of Calicut	1987
S.S.L.C	First Class	64.67		Kerala State	1985

7. QUALIFIED THE FOLLOWING NATIONAL LEVEL TESTS

<i>National Level Tests</i>	<i>Discipline</i>	<i>Month & Year</i>
Joint CSIR-UGC Test for JRF and Eligibility for Lectureship	Mathematical & Statistical Sciences	July 1994

8. RESEARCH

Area of Research : Fuzzy Optimization
Topic of Research : A Study on Intuitionistic Fuzzy Assignment Problems.
Research Supervisor : Dr. A. Nagoor Gani, Associate Professor
P.G & Research Department of Mathematics
Jamal Mohamed College, Tiruchirappalli, Tamilnadu

9. PAPERS PUBLISHED

1. Solution of a Fuzzy Assignment Problem by Using a New Ranking Method- International Journal of Fuzzy Mathematical Archive, Vol-2, 2013, 8-16, ISSN: 2320-3242
2. Ranking of Intuitionistic Trapezoidal Fuzzy Numbers Using Centroid-Point Method (Proceedings of the “International Conference on Mathematical Methods and Computation” ICOMAC 2014, Jamal Mohamed College, Tiruchirappalli, February 2014, 616-620, ISSN 0973-0303)
3. Generalized Trapezoidal Fuzzy numbers in Intuitionistic Fuzzy Environment. (Jamal Academic Research Journal: an Interdisciplinary, Special Issue, January 2015, 711-714, ISSN 0973-0303)
4. A Method of Ranking Generalized Trapezoidal Intuitionistic Fuzzy Numbers. International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 10 (2015) pp. 25465-25473
5. A Modified Approach for Solving Intuitionistic Fuzzy Assignment Problems. International Journal of Fuzzy Mathematical Archive, Vol-9, No.1, 2015, 91-98, ISSN:2320-3242.
6. An Algorithm for Solving Assignment Problems with Costs as Generalized Trapezoidal Intuitionistic Fuzzy Numbers. International Journal of Pure and Applied Mathematics. Volume-104, No.4, 2015, 561-575, ISSN:1311-8080.
7. An Algorithm for Solving Intuitionistic Fuzzy Linear Bottleneck Assignment Problems. Journal of Technology Management and Business. Volume-02, No.02, 2015, 1-11, ISSN:2289-7224.
8. Methods of Solving Intuitionistic Fuzzy Travelling Salesman problems. (Proceedings of the “National Conference on Graph Theory, Fuzzy Graph Theory and their Applications”, Jamal Mohamed College, Tiruchirappalli, February 2016, 177-186, ISSN 0973-0303)
9. A Labeling Algorithm for Solving Intuitionistic Fuzzy Optimal Assignment Problems” (Proceedings of the “2016 IEEE International Conference on Fuzzy Systems(FUZZ), 1621-1627)
10. “The Signature Method for Solving Intuitionistic Fuzzy Assignment Problems” Journal of Physical Sciences, Vol. 24, 2019, 21-30 ISSN: 2350-0352 (print), www.vidyasagar.ac.in/publication/journal. Published on 6 June 2019

10. PAPERS PRESENTED

1. Presented a paper entitled “Solution of a Fuzzy Assignment Problem by Using a New Ranking Method” in the three day National Conference on “Applications of Discrete and Fuzzy Mathematics” held during July 15-17, 2013 at Federal Institute of Science and Technology, Angamali, Kerala.
2. Presented a paper entitled “Ranking of Intuitionistic Trapezoidal Fuzzy Numbers Using Centroid-Point Method” in the International Conference on “Mathematical Methods and Computation” held during 13-14 February 2014, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
3. Presented a paper entitled “A Method of Ordering Generalized Trapezoidal Intuitionistic Fuzzy Numbers” in the National Seminar on “Advances in Discrete Mathematics” held during 25-26 February 2014, at P.S.M.O College, Tirurangadi, Kerala.
4. Presented a paper entitled “Generalized Trapezoidal Fuzzy numbers in Intuitionistic Fuzzy Environment” in the International Conference on “Mathematical Methods and Computation” held during 22-23 January 2015, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
5. Presented a paper entitled “A Modified Approach for Solving Intuitionistic Fuzzy Assignment Problems” in the two day National Conference on “Applied Mathematics and Computer Simulation-Recent Trends-2015” held during October 07-08, 2015 at Tranquebar Bishop Manikam Lutheran College, Porayar, Nagapattinam, Tamilnadu.
6. Presented a paper entitled “An Algorithm for Solving Intuitionistic Fuzzy Linear Bottleneck Assignment Problems” in the two day National Seminar on “Discrete Mathematics and its Applications ” held during January 14-15, 2016 at Mar Thoma College for Women, Perumbavoor, Ernakulam, Kerala.
7. Presented a paper entitled “Methods of Solving Intuitionistic Fuzzy Travelling Salesman problems” in the National Conference on “Graph Theory, Fuzzy Graph Theory and their Applications” held during 10-11 February 2016, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.
8. Presented a paper entitled “The Signature Method for solving Intuitionistic Fuzzy Assignment Problems” in the International Conference on “Mathematical Methods and Computation” held during 20-21 February 2019, at Jamal Mohamed College, Tiruchirappalli, Tamilnadu.

11. DETAILS OF IN-SERVICE COURSES ATTENDED

Sl. No	Title of the Programme	Name of the Institution	Level and Funding Agency	Date
1	Refresher course in Mathematics	Govt. College, Kasaragod, Kerala	National, Govt. of Kerala	2-3-1999 to 23-3-1999
2	Orientation Course	University of Calicut	National, UGC	3-1-2001 to 30-1-2001
3	Refresher course in Mathematics	University of Calicut	National, UGC	27-7-2002 to 16-8-2001
4	Discrete Mathematics	P .S.M.O. College, Tirurangadi, Kerala	Regional, Kerala Mathematical Association	12-12-2002
5	Mathematics Talent Search and Nurture Programme	Department of Mathematics, University of Calicut	National, NBHM	08-3-2003 to 9-3-2003
6	Fractals and Economic Dynamics	P .S.M.O. College, Tirurangadi, Kerala	Regional, Kerala Mathematical Association	23-10-2003
7	Refresher course in Mathematics	University of Calicut	National, UGC	19-2-2004 to 10-3-2004
8	Statistical Quality Control and total Quality Management	NITTTR, Chandigarh	National, MHRD	19-7-2004 to 23-7-2004
9	Biomathematics	P .S.M.O. College, Tirurangadi, Kerala	Regional, Kerala Mathematical Association	09-12-2004
10	Mathematics in Computer Science	T.M.G.College, Tirur, Kerala	Regional, Kerala Mathematical Association	06-1-2005 to 7-1-2005
11	Applications of Mathematics	P .S.M.O. College, Tirurangadi, Kerala	Regional, Kerala Mathematical Association	23-11-2006
12	Recent Trends in Discrete Mathematics	P .S.M.O. College, Tirurangadi, Kerala	National, UGC	23-03-2007 to 24-03-2007
13	Restructuring Undergraduate Education	P .S.M.O. College, Tirurangadi, Kerala	Regional, Kerala State Higher Education Council	06-03-2008 to 07-03-2008
14	Curriculum Design for Mathematics	University of Calicut	Regional, Kerala State Higher Education Council and University of Calicut	25-02-2009 to 26-02-2009
15	Foundations of Mathematical Analysis	P .S.M.O. College, Tirurangadi, Kerala	National, UGC	23-11-2011 to 24-11-2011

16	Higher Education Policies, Prospects and Challenges	Association of Kerala Govt.College Teachers	National, AKGCT	08-03-2013
17	Applications of Discrete and Fuzzy Mathematics	FISAT, Angamali, Kerala	National, KSCSTE,CSIR&DST	15-07-2013 to 17-07-2013
18	Mathematical Methods and Computation	Jamal Mohamed College, Tiruchirappalli, Tamilnadu	International, UG C	13-02-2014 to 14-02-2014
19	Advances in Discrete Mathematics	P .S.M.O. College, Tirurangadi, Kerala	National, UGC	25-02-2014 to 26-02-2014
20	Recent trends in Applicable Mathematics	Bharata Mata College, Thrikkakara, Kerala	National, UGC	18-09-2014 to 20-09-2014
21	Mathematical Methods and Computation	Jamal Mohamed College, Tiruchirappalli, Tamilnadu	International, UGC	22-01-2015 to 23-01-2015
22	Fourier Analysis and its Applications	P .S.M.O. College, Tirurangadi, Kerala	National, Alumni of Mathematics	12-02-2015 to 13-02-2015
23	Applied Mathematics and Computer Simulation-Recent Trends-2015	Tranquebar Bishop Manikam Lutheran College, Porayar, Nagapattinam, Tamilnadu.	National, UGC and NBHM	07-10-2015 to 08-10-2015
24	Discrete Mathematics and its Applications	Mar Thoma College for Women,Perumbavoor, Ernamkulam, Kerala	National, UGC	14-01-2016 to 15-01-2016
25	Graph Theory, Fuzzy Graph Theory and their Applications	Jamal Mohamed College, Tiruchirappalli, Tamilnadu	National, UGC	10-02-2016 to 11-02-2016
26	Statistics for Psychological and Educational Assessment	Govt. Arts & Science College, Kozhikode, Kerala	National, UGC	01-03-2016 to 03-03-2016
27	Workshop on Big Data Analysis	Govt. Arts & Science College, Kozhikode, Kerala	National, Directorate of Collegiate Education, Kerala	13-12-2016 to 14-12-2016
28	Statistical Methods and Applications	Govt. Arts & Science College, Kozhikode, Kerala	National, Directorate of Collegiate Education, Kerala	15-12-2016 to 17-12-2016
29	Commercialization of Higher Education in India	Association of Kerala Govt. College Teachers in connection with the 59 th annual State Conference on 17 th March 2017 at Tirur, Kerala	National, Association of Kerala Govt. College Teachers	17-03-2017

30	Operator Theory and its Applications	P.T.M.Govt. College, Perinthalmanna, Malappuram, Kerala	National, Directorate of Collegiate Education, Kerala	27-11-2017 to 28-11-2017
31	Workshop on Mathematical & Statistical Computations Using R and Python	Govt. Arts & Science College, Calicut	National, Directorate of Collegiate Education, Kerala	04-12-2017 to 08-12-2017
32	Mathematical Methods and Computation	Jamal Mohamed College, Tiruchirappalli, Tamilnadu	International, UGC	11-12-2017
33	Recent Trends in Mathematical Analysis	T.M.G.College, Tirur, Kerala	National, Directorate of Collegiate Education, Kerala	11-10-2018 to 12-10-2018
34	Recent Developments in Graph Theory and its Applications	Govt. Arts & Science College, Kondotty, Kerala	National, Directorate of Collegiate Education, Kerala	22-10-2018 to 23-10-2018
35	5-day workshop on Computational Techniques in Statistics and Economics	Govt. Arts & Science College, Calicut	National, Directorate of Collegiate Education, Kerala	24-10-2018 to 27-10-2018
36	Mathematical Methods and Computation	Jamal Mohamed College, Tiruchirappalli, Tamilnadu	International, UGC	20-02-2019 to 21-02-2019
37	Right Wing Formulation of Education Sector	Association of Kerala Govt. College Teachers in connection with the 61 th annual State Conference on 22 nd March 2019 at Ernamkulam, Kerala	National, Association of Kerala Govt. College Teachers	22-03-2019
38	3-day workshop on Python for Mathematical and Statistical Computations	Dept. of Mathematics and Statistics. Govt. Arts & Science College, Calicut	National, Directorate of Collegiate Education, Kerala	23-10-2019 to 24-10-2019
39	Two day Foundation School in Mathematics	Govt. Arts & Science College, Calicut	KSCSTE-Kerala School of Mathematics	29-11-2019 to 30-11-2019
40	Right Wing Formulation of Education Sector	Association of Kerala Govt. College Teachers in connection with the 62 nd annual State Conference on 6 th March 2020 at Thrissur, Kerala	National, Association of Kerala Govt. College Teachers	06-03-2020
41	2-day workshop on Statistical Methods in Research and Data Analysis using SPSS	Govt. Arts & Science College, Calicut (Department of Statistics)	DST-Science and Engineering Research Board, Govt. of India	10-03-2020 to 11-03-2020

12. Post held : Associate Professor
13. Date of appointment : In Private College: 29-08-1995
In Govt. College: 15.06.2001
(Order No. A2/44341/94/Coll.Edn, dated 06.06.2001)
14. Date of Regularization : 12.12.2001
(Order No. A2/44341/94/Coll.Edn, dated 12.12.2001)
15. Date of Probation : 15.06.2003
(Order No. A2/28898/03/Coll.Edn, dated 14.03.2006)
16. **DETAILS OF SERVICE** :

Designation	From	To	Institution
Lecturer in Mathematics	29-08-1995	14-06-2001	M.E.A.S.S.College, Areacode, Kerala
Lecturer in Mathematics	15-06-2001	19-06-2003	T.M.Govt. College, Tirur, Kerala
Lecturer in Mathematics	20-06-2003	06-10-2005	Govt. Polytechnic College, Tirurangadi, Kerala
Lecturer in Mathematics	07-10-2005	31-12-2005	T.M.Govt. College, Tirur, Kerala
Assistant Professor in Mathematics	01-01-2006	28-08-2009	T.M.Govt. College, Tirur, Kerala
Associate Professor in Mathematics	29-08-2009	19-06-2013	T.M.Govt. College, Tirur, Kerala
Associate Professor in Mathematics	20-06-2013	02-09-2021	Govt. Arts and Science College, Kozhikode, Kerala
Associate Professor in Mathematics	03-09-2021	07-06-2022	T.M.Govt. College, Tirur, Kerala
Associate Professor in Mathematics	08-06-2022	Till date	Govt. Engineering College, Calicut, Kerala