

RESUME



1. Name : M.MOHAMMED JABARULLA
2. Date of Birth : 10- 06- 1973
3. Address :

Residential

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Assistant Professor of Mathematics
PG and Research Department of Mathematics
Jamal Mohamed College (Autonomous)
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4. Designation : Assistant Professor of Mathematics
5. Date of Joining :
Self Finance : 01-10-1996
Aided : 20-08-2007
7. Date of Retirement : 30-06-2031

8. Educational Qualifications:

	<u>Examination Passed</u>	<u>Year</u>
(i) Under Graduate :	B.Sc (Mathematics)	1993
	B.Ed (Mathematics)	1998
(ii) Master Degree :	M.Sc (Mathematics)	1996
	MCA	2006
	M.Sc (IT)	2002
	M.Ed	2000
(iii) Research Degree :	M.Phil (Mathematics)	2002
	M.Phil (Computer Science)	2007
	M.Phil (Education)	2008
	P.hD (Mathematics)	Thesis Submitted
(iv) Diploma/Certificate :	Cert. in Arabic	1992
	Dip. in Arabic	1993
	PGDCA	1996

9. Experience :
- Undergraduate : 17 Years
 - Postgraduate : 17 Years
 - M.Phil : 06 Years
 - Projects Guided : M.Phil(Mathematics), M.Sc(Mathematics), B.Sc(CS), B.Sc(IT), BCA, M.Sc(CS), M.Sc(IT), MCA, PGDCA
10. Areas of Specialization : Fuzzy Mathematics
11. Languages known : Tamil, English and Arabic
12. Computer Knowledge : MATLAB, SPSS, LaTeX, Python, R-Software
C, C++, C#, Java, Visual Basic, Visual C++, Oracle, SQL
.NET, J2EE, ASP, HTML, DHTML, XML
MS Office, Corel Draw, Page Maker, Photo Shop, Macro Media Flash
MS DOS, MS Windows, UNIX, Linux
BASIC, FORTRAN, COBOL, Pascal, dBase3 Plus, FoxPro, Lotus123, WordStar
- 13. Subjects Taught** :
- Undergraduate** :
1. Allied Mathematics
 2. Programming in C, C++, Java
 3. Operations Research
 4. Numerical Methods
 5. Calculus
 6. Discrete Mathematics
 7. Business Mathematics and Statistics
 8. Mathematical Statistics
 9. Mathematics for Competitive Examinations
 10. System Analysis and Design
 11. Database Systems
 12. Office Automation
 13. Web Designing
- Postgraduate** :
1. Programming in C, C++, JAVA
 2. Integral Equations and Calculus of Variations
 3. System Modeling and Simulation
 4. Probability and Statistics
 5. Mathematical Foundations of Computer Science
 6. Computer Oriented Numerical and Statistical Methods
 7. Resource Management Technique

M.Phil : 1. Real Analysis
2. Pedagogical Skills

Classes Handled : M.Phil(Mathematics), M.Sc(Mathematics), B.Sc(Mathematics),
MCA, M.Sc(IT), M.Sc(CS), PGDCA, PGDCH, BCA, B.Sc(CS), B.Sc(IT),
B.Com, ICWA, M.A(Economics).

14. Research Supervision :
Qualification Approval : Ref. No. 5832/D5/2006
M. Phil Guide ship Approval : Ref. No. 029185/RA/M.Phil/Mathematics/2007
M. Phil. Degree : Completed - 23
Pursuing -

15. Acted as Resource Person:

1. "Computer Awareness Program for TNEB Trichy District Engineers" held at Department of Computer Science, Jamal Mohamed college, (Autonomous), Tiruchirappalli, From 01.12.1996 to 10.12.1996
2. "Computer Awareness Program for Trichy, Thanjore, Pudukkottai and Karur District High Court Chief Judges" held at Department of Computer Science, Jamal Mohamed college, (Autonomous), Tiruchirappalli, from 01.11.2005 to 15.11.2005
3. "Master Trainer of House Listing and Population Enumeration CENSUS-2011", Department of Census Operation, Ministry of Home Affairs, Government of India, held at Rathinavel Dever Hall, Trichy, 22nd, 23rd April and 24th May 2010.
4. "Master Trainer of Preparation of National Population Register (NPR) CENSUS-2011" Department of Census Operation, Ministry of Home Affairs, Government of India, held at Rathinavel Dever Hall, Trichy, 28th, 29th January and 5th February 2011.

16. Publications:

International Level:

1. "An intuitionistic fuzzy multi objective shortest path", Advances in Fuzzy Sets and Systems, Vol. 7, No. 1, 2010, pp 17-26. <http://www.pphmj.com/abstract/5583.html>
2. "On searching intuitionistic fuzzy shortest path in a network", Applied Mathematical Sciences, Vol. 4, 2010, pp 69-72.
<http://m-hikari.com/ams/ams-2010/ams-69-72-2010/ganiAMS69-72-2010.pdf>
3. "An intuitionistic fuzzy shortest path problem using similarity measure", CiIT International Journal of Fuzzy Systems, Vol. 3, No. 3, 2011, pp 103-109. <http://www.ciitresearch.org/fsapril2011.html>

4. "Multiple labeling approach for finding shortest path with intuitionistic fuzzy arc lengths", International Journal of Scientific and Engineering Research(IJSER), Volume 3, Issue 11, November 2012, pp 101-106. http://www.ijser.org/Conferences/SpecialIssue_Nov2012.pdf#Page=101

National Level :

1. "An intuitionistic fuzzy shortest path problem using trapezoidal intuitionistic fuzzy number", Proceedings of National Conference on Recent Developments in Mathematics and its applications (NCRDMA-2011), SRM University, Chennai, Tamilnadu, India, 31st January and 1st February, 2011, pp 88-93.

17. Paper Presented in International Conference

1. "An algorithmic approach for intuitionistic fuzzy shortest path problem", International Conference on Emerging Trends in Mathematics and Computer Applications(ICETMCA-2010), Mepco Schlenk Engineering College, Sivakasi, Tamilnadu, India, December 16-18, 2010.
2. "Multiple labeling approach for finding shortest path with intuitionistic fuzzy arc lengths", UGC Autonomous Funded International Conference on Mathematics and its Applications, Islamiah College, Vaniyambadi, 29th August 2012.

18. Paper Presented in National Conferences

1. "An intuitionistic multi objective shortest path – forward dynamic programming approach", One Day National Seminar on Graph Theory, Algorithms and Modeling (GAM-2010), PG and Research Department of Mathematics Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu, India, 19th March 2010.
2. "An intuitionistic fuzzy shortest path problem using trapezoidal intuitionistic fuzzy number", National Conference on Recent Developments in Mathematics and its applications (NCRDMA-2011), SRM University, Chennai, Tamilnadu, India, 31st January and 1st February, 2011.

19. Orientation/Refresher courses attended

1. UGC Sponsored orientation course from 01-11-2008 to 28-11-2008 at UGC Academic Staff College, Bharathidasan University, Trichy.
2. UGC Sponsored Refresher course in Mathematics from 10-11-2010 to 30-11-2010 at UGC Academic Staff College, Bharathidasan University, Trichy.

20. Workshop / Conference Attended

- 1.** Three day workshop on “Curriculum Development and Evaluation” organized by UGC – Academic Staff College, Bharathidasan University held at Jamal Mohamed College (Autonomous), Trichy-20, from 2nd, 3rd and 4th March 2006.
- 2.** “National Seminar on Emerging Trends in Mathematical Techniques and their Applications in Computer Science”, Organized by Department of Computer Science and Mathematics, Shirimathi Indira Gandhi College, 23rd and 24th February 2007.
- 3.** “ State Level Workshop on Research Prospects in Data Mining”, Department of Computer Science, Jamal Mohamed College(Autonomous), Trichy-20, 22.03.2007.
- 4.** UGC Sponsored “Training on MATLAB”, Department of Mathematics, Bishop Heber College and Cranes Software International Limited, Bangalore, 22nd February 2008.
- 5.** National Conference on “Fuzzy Mathematics and Graph Theory”, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu, India, 27th and 28th March, 2008.
- 6.** “Workshop on Software Tools in Mathematical Modeling”, Department of Mathematics, Jamal Mohamed College (Autonomous), Trichy-20, from 28.02.2009 to 04.03.2009.
- 7.** UGC Sponsored International Conference on Mathematical Methods and Computation, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu, India, 24th and 25th July, 2009.
- 8.** “House Listing and Population Enumeration CENSUS-2011”, Department of Census Operation, Ministry of Home Affairs, Government of India, held at Government Higher Secondary School, Somarasampettai, from 6th, 8th & 12th April 2010.
- 9.** “ Preparation of National Population Register(NPR) CENSUS-2011” Department of Census Operation, Ministry of Home Affairs, Government of India, held at Rathinavel Dever Hall, Trichy, from 13th, 14th & 15th December 2010.
- 10.** Participated in the “Workshop on Mathematical Modeling (R - Software)” Organized by PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli -20, from 19th to 25th January 2011.
- 11.** UGC Sponsored One day National Seminar on “Application of Mathematics”, held at PG and Research Department of Mathematics, Jamal Mohamed College(Autonomous), Trichy-620020, on 22nd February 2012.

12. UGC Sponsored One day National Seminar on “Discrete Mathematics and its Applications” organized by PG and Research Department of Mathematics, Jamal Mohamed College(Autonomous), Trichy-20 on 9th March 2013.

13. UGC Sponsored All India Workshop on “Research Methodology and Technology Management in Higher Education” organized by Academic Staff College, Pondicherry University (A Central University), Pondicherry on 14th and 15th March 2013.

14. “International Conference On Mathematical Methods and Applications” (ICOMAC 2014) (under UGC Autonomous Grant), organized by PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Trichy-20 on 13th & 14th February 2014.

15. “A Four Day Workshop on LaTeX and SPSS” organized by PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Trichy-20 on 26th, 29th, 30th, September 2014 and 1st October 2014.

16. “Short Term Course on SPSS Hands on Training (Social Sciences)” organized by Academic Staff College, Bharathiar University, Coimbatore-46 from 07-10-2014 to 12-10-2014 (6 Days)

21. Membership in Autonomous Programme

1. Member- Board of studies, PG and Research Department of Mathematics, Jamal Mohamed College(Autonomous), Trichy – 20, June 2004 – Till to date.

2. Vice President of Mathematics Association for the year 2008 - 2009, 2009 - 2010, PG and Research Department of Mathematics, Jamal Mohamed College(Autonomous), Trichy – 20.

22. Minor Research Project

Amount Rs.3.5Lakhs sanctioned by UGC Minor Research Project on 17th March 2014 entitled as “Shortest Path Network on Intuitionistic Fuzzy Network”.

23. Research Consultant

Web References:-

<http://www.jmc.edu/include/department/maths/staff/profile/MMJ%20Resume.pdf>

http://scholar.google.co.in/citations?view_op=search_authors&mauthors=m.mohammed+jabarulla&hl=en&oi=ao
