A.MUMTAJ BEGAM

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TAMIL NADU, INDIA
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SUMMARY	Experienced Senior Faculty with excellent track record of more than 20+ years of Teaching and programming experience in various technologies. **Good Result – Performance – University Rank Holders**
EDUCATIONAL QUALIFICATION	**Ph.D. in Computer Science** from Mother Teresa Women's University, Kodaikanal. Jul 2013. **Master of Philosophy (Computer Science)** from Periyar University, Salem, 2006 - 2007. First Class. **Master of Technology (Information Technology)** from Punjabi University, Patiala, 2001 - 2003. First Class. **Master of Computer Application** from Alagappa University, Karaikudi, 1994 - 1997. First Class. **Bachelor of Science (B.Sc., Computer Science)** from Madurai Kamaraj University, Madurai, 1990 - 1993. First Class. *Gold medalist.*
WORK EXPERIENCE	**Assistant Professor,** Government Arts and Science College,Paramakudi, Aug 2018 to till date. **Assistant Professor,** Government Arts and Science College,Peravurani, Jul 2015 to Aug 2018. **Assistant Professor,** N.M.S.Vellaisamy Nadar College,Nagamalai,Madurai, June 2014 to Mar 2015. **Vice Principal cum HEAD,** Dr.Umayal Ramanathan College for Women, Karaikudi, July 2006 to May 2013. **Lecturer,** Fatima College, Madurai, June 2004 to May 2006. **Lecturer,** Mohamed Sathak Engineering College, Kilakarai, July 1998 to May 2004. **Chief Examiner,** Alagappa University – UG Semester Examination, April – 2009 Experienced in Question paper Setting for Universities and Colleges

PAPERS HANDLED WHILE WORKING AS LECTURER

System Analysis and Design, Software Engineering, Computer Networks, Multimedia, TCP/IP, Information Technology, Computer Graphics, Digital Electronics, Management Information System, Computer Architecture, JAVA, C, C++, VB, DBMS, Object Oriented Analysis and Design, Operating System, Data Structures Using C and C++, Analysis of Algorithms, Microprocessor and Interfacing Techniques and Mobile Communication.

PUBLICATIONS AND PRESENTATIONS DONE

INTERNATIONAL JOURNAL PUBLICATIONS

- Nagoorgani, A., and Mumtaj Begam, A. (2010) **A new algorithm of shortest path fuzzy network -**Bulletin of Pure and Applied Sciences, Vol. 29E (No. 1), 41-47.
- Nagoorgani, A., and Mumtaj Begam, A. **Fuzzy similarity measure on shortest path,** International Journal of Advances in Fuzzy Mathematics (AFM), Volume 5, Number 3 (2010), pp. 279–284.
- Nagoorgani, A. and Mumtaj Begam, A., (2010) **A hybrid approach on shortest path in fuzzy network**, International Research Publication House, Delhi-110085 INDIA.

CONFERENCES / SEMINARS / WORKSHOPS PRESENTED

INTERNATIONAL CONFERENCES

- SHORTEST PATH USING FUZZY NETWORK
  UGC sponsored International Conference on Mathematical Methods and Computation, ICOMAC-2009,
  Jamal Mohamed (Autonomous), Tiruchirappalli, JULY (24 &25), 2009.

- A FUZZY LOGIC BASED DATA RETRIVAL
  UGC sponsored International Conference on Mathematical Methods and Computation, ICOMAC-2009,
  Jamal Mohamed (Autonomous), Tiruchirappalli, JULY (24 &25), 2009.

- ADAPTIVE DATA EXTRACTION WITH FUZZY LOGIC
  First International Conference on Data Engineering and Management, ICDEM, February 2008, Bishop Heber College, Tiruchirappalli mum

NATIONAL CONFERENCES

- SHORTEST PATH USING FUZZY DISTANCE
  National Conference on Information and Communication Technology, April-2010
  New Horizon College of Engineering, Bangalore

- FUZZY SHORTEST PATH FOR STEINER TREE PROBLEM
  National Conference on Graph Theory and Modelling,GAM-2010,under UGC
  Autonomous Grant, March 2010
  Jamal Mohamed College, Thiruchirappalli

- A STUDY ON SHORTEST PATH IN FUZZY NETWORK
  National Conference on Emerging Trends in Algorithms, March 2006
  St.Xavier College(Autonomous)- Palayamkottai

CONFERENCES / SEMINARS / WORKSHOPS PARTICIPATED

- Two day WORKSHOP – Mother Teresa women's university

SOFTWARE KNOWLEDGE

Java, Visual Basic, Basic, Cobol, Fortran, C, C++, WordStar, Lotus 1-2-3, DBase II Plus, FoxPro, MS-Office and SQL

PROJECTS DONE AS PART OF CURRICULUM

Project: Developing Shortest Path Algorithms using Fuzzy Network

Course: Ph.D., Computer science
Under going projects shows some Special importance on:

- Study about Fuzzy Distance, Fuzzy Ranking, Fuzzy Similarity Measure

- Analysis on types of crisp shortest path

- Introducing new algorithms for shortest path which consists of fuzzy weight

- Comparisons of output with various shortest path algorithms

Project: Data Bases Using Fuzzy Logic / Course: M.Phil / Year: 2006 to 2007

- An internal research work as part of M.Phil (Computer Science).
- The SQL query has given in linguistic form and fuzzy logic is used.
- Obtain the solution using Java.

AREAS OF INTEREST

TECHNOLOGY
- Working as a Lecturer
- Developing an algorithm for Shortest Path
- Analyzing the algorithms and Data Structures

AWARD
- Got Gold Medal in B.Sc(Computer Science) for University **VII Rank**.

LEADER SHIP POSITIONS

- Organized various programme in College Days.
- Convened various seminars and Workshop to disseminate computer knowledge among students.
- TNEA Co-coordinator for Ramanathapuram District from 2019 onwards

PERSONAL DETAILS

Date of Birth: 30-01-1973

Nationality: Indian
Marital Status: Married

PARTICIPATION IN OUR COLLEGE

Cultural Association 2006 - 2009
Department Activities 2006 till date