

Dr. M. Nazreen Banu

Asst. Professor

Education

Ph.D.	Computer Science and Engineering	Nagoya Institute of Technology, Japan	2012
M.Phil	Computer Science	Bharathidasan University, India	2004
M.C.A	Computer Applications	Bharathidasan University, India	1997
B.Sc	Chemistry	Bharathidasan University, India	1994

Academic Experience:

2015 -	Assistant Professor	Dept. of Information Technology, CCIS, Majmaah University
2012 - 2015	Professor	Dept. of Comp. Applications, M.A.M. College of Engineering, India
1999 - 2008	Lecturer	Dept. of Computer Science, Jamal Mohamed College, India
1998 - 1999	Lecturer	Dept. of Computer Science, Thanthai Hans Roever College, India

Non-Academic Experience:

Apr 2008 - Mar 2009	Research Student	Nagoya Institute of Technology, Nagoya, Japan.
Aug 1997 - May 1998	Programmer	Tube Products of India, India
Dec 1996 - Mar 1997	Programmer	Madras Refineries Limited, India.

Certifications or Professional Registrations:

Japan

Honors and Awards:

- INSPIRE Faculty Excellence Award at the State Level Campus Connect: Technical Event conducted by Infosys Corporation, 2014.
- Grant from Hori Information Science Promotion Foundation for Research, 2011.
- Academic Excellence Scholarship (MONBUKAKUSHO Scholarship for Ph.D. studies) from Japanese Government, (2008-2012).

Service Activities (within and outside of the institution):

- Chair, Review Committee, IT Dept., Majmaah University, Majmaah, 2015
- Course Convener, Majmaah University, Majmaah, 2015
- Member, ABET accreditation Committee, Majmaah University, Majmaah, 2015
- Student Advisor, Majmaah University, Majmaah, 2015
- Ph.D. Guide in Bharathiar University, India.
- Doctoral committee member in Bharathidasan University, India.
- Review committee member in Journals like IJAHUC, IJEHMC
- Trainer for Cloud Infrastructure and Services, from 2014.
- Coordinator, Scholarship section, M.A.M college of Engineering (2012-2015).
- Project coordinator, M.A.M college of Engineering (2012-2015).

Most Important Publications and Presentations (Past 5 years):

- Doubly-Expedited One-Step Byzantine Consensus, In Proc. of the 2010 IEEE/IFIP International Conference on Dependable Systems and Networks(DSN), Dependable Computing and Communication Symposium(DCCS), pages 373-382, Chicago, U.S.A, 2010.
- Adaptive One-Step Byzantine Consensus, The 128th International Workshop on Algorithms, IPSJ SIG Technical Reports, Information Processing Society of Japan (IPSJ), 2010-AL-128, 2: 1-9, Fukuoka, Japan, 2010.
- Adaptive and Doubly-Expedited One-Step Consensus in Byzantine Asynchronous Systems, Journal of Parallel Processing Letters, 21(4): 461-477, 2011.
- An Improved Byzantine Agreement Algorithm for Synchronous Systems with Mobile Faults", International Journal of Computer Applications, Vol. 43, No.22, 2012.

- An Improved Byzantine Agreement Protocol for Synchronous Systems with Mobile Faults, In Proc. of the 14th Korea-Japan Joint Workshop on Algorithms and Computation (WAAC '2011), pages 73-80, 2011.
- Runtime and Space Complexity Comparison of the various Association Algorithms, International Journal of Computer Applications, Vol.95, No.16, June 2014.
- Feature Selection Algorithms – A Survey, CIIT International Journal of Data mining and Knowledge Engineering, ISSN 0970-9713, May 2014.
- An Experimental Evaluation on Feature Subset Selection using Association Rule Mining and Clusters, ARPN Journal of Science and Technology , Vol.4 No.05, May 2014.
- A Performance study of Web 2.0 Tools, CIIT International Journal of Data mining and Knowledge Engineering, ISSN 0970-9713, March 2014.
- RAA: Task Scheduling Algorithm in Grid Computing Environment, CIIT International Journal of Networking and Communication Engineering, Vol. 6. No.01, Jan 2014.
- Role of Meta-Heuristic Evolutionary Algorithm in Heterogeneous Grid Scheduling: A Research Frame Work”, An International Conference on Advanced Technology in Computing (ICATC), 2014.
- A Survey on Heuristic Scheduling of Independent Task in Computational grid, An international conference on mathematical methods and computation, 2014.
- The Green Cloud Computing and Energy Efficiency, A National Level Conference on Recent Trends in Computing and Communication, RVS School of Engineering and Technology, 2014.
- MiM-MaM: A New Task Scheduling Algorithm in Grid Environment, IEEE International conference on Computing and Communications Technologies (ICCCT'15),2015.
- Feature Subset Selection based on Filter Technique, IEEE International conference on Computing and Communications Technologies (ICCCT'15), 2015

Professional Development Activities (most recent):

- Emc² Academic Associate, from 2014.
- Oracle Academy Certification on Java Fundamentals and Programming, 2015.
- Faculty Development Programme on Cloud Infrastructure and services, 2014.
- Workshop on How to use a Smart Board effectively,2015.
- Workshop on NCAAA Accreditation by Deanship of Quality, Majmaah University,2015
- Training program on effective use of D2L by E-Learning Unit, Majmaah University,2015
- Workshop on Impact of Assessment on Student Learning and Achievement Outcomes, 2015.
- Treasurer and Member of ACM Women Chapter, CCIS, Majmaah University, 2017