Mohammad Nazir

Ph.D., M.C.A.

Assistant Professor
Department of Computer Science
Faculty of Natural Sciences
Jamia Millia Islamia (Central University)
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Objectives	
	▶ Effective Teaching, Research and Academics
	▶ Curricular Innovations and Development
	▶ Hi-tech Learning Environments
	▶ Project Management

Areas of Research Interests

▶ Software Engineering

▶ Software Testing

▶ Software Quality Assurance

Employment

▶ Assistant Professor (Since Feb-2002) **(10+ Yrs)**

Department of Computer Science

Jamia Millia Islamia (Central University), New Delhi, India

Qualification

▶ Ph.D.(2010):Jamia Millia Islamia (Central University), New Delhi, India. Awarded on May, 2011.
Topic: Testability Estimation of Object Oriented Software: Design Phase Perspective.

▶ M.C.A.(2000): Aligarh Muslim University, Aligarh , India.

Division-II (59.28 %)

▶ B.Sc. (1996) : Aligarh Muslim University, Aligarh , India

Subjects: Geology(Honors) , Physics & Mathematics

Division-II (59.27 %)

▶ 10+2 (1992) : Aligarh Muslim University, Aligarh , India

Subject: Physics, Chemistry & Mathematics

Division-II (55.20 %)

► High School (1989) : UP Board, Allahabad, India

Subject: Physics, Chemistry & Mathematics

Division-I (73.00 %)

Courses Taught PG Level (08) & UG Level (06)	► Computing Fundamental ► Algorithm and Problem Solving ► Business Information Systems ► Software Testing and Quality Assurance ► Software Engineering ► Operating Systems ► Systems Analysis and Design ► Data Structures and Program Design ► Network Technology and Application ► IT Management ► Applied Operating Systems ► C++ Programming Language ► Computer Network ► Object Oriented Analysis and Design ► Management Information System
Administration/ Duties & Responsibilities	► Coordinator, Time Table: Department. of Computer Science, Jamia Millia Islamia; Oct 2010 to April 2013 (~ 1.5 Year) ► Coordinator, Departmental Library; Department of Computer Science, Jamia Millia Islamia. Oct 2010 to July 2012 (~ 10 Months) ► Assistant Superintendent of Entrance Examination: Center-Department of computer Science in June 2011. ► Coordinator, Time Table: Department. of Computer Science, Jamia Millia Islamia; Aug 2004 to June 2006 (~ 2 Years) ► Coordinator, Departmental Library; Department of Computer Science, Jamia Millia Islamia. Feb 2002 to Jun 2003 (~ 1/2 Year) ► Project Coordinator, PDCA, since 2004 to 2008 ► Course Coordinator, PDCA, since year 2007 to 2008 ► Convener, Departmental Meeting, Department. of Computer

Science, Jamia Millia Islamia, New Delhi, Since 2007 to 2008,

- ▶ Purchase committee- , Department. of Computer Science, Jamia Millia Islamia, New Delhi, Year 2007

Memberships

- ▶ **Lifetime Membership of ISTE**

- ▶ Board of Studies, Department of Computer Science, Jamia Millia Islamia, New Delhi

- ▶ Faculty Committee, Faculty of Natural Science, Jamia Millia Islamia, New Delhi

Publications and Presentations

International Level
&
National Level

- ▶ Nazir M., Khan R. A, Testability Estimation Model^{OOD}, Advances in Computer Science and Technology , LNCS, Volume 86, pp 178-187, Springer, 2012.

- ▶ M. Nazir & Khan R A(2012): An Empirical Validation of Understandability Quantification Model, Journal of Procedia Technology, Volume 4, 2012, Pages 772–777

- ▶ Nazir M., Khan R. A. & Mustafa K.(2010): Testability Estimation Framework, International Journal of Computer Applications (0975 – 8887), Volume 2 – No.5, pp 9-14

- ▶ Nazir M, Khan R. A. & Mustafa K.(2010): A Metrics Based Model for Understandability Quantification, Journal of Computing, Volume 2, Issue 4, April 2010, pp 90-94.

- ▶ Nazir M., Khan R. A., & Mustafa K. "Complexity Quantification Model: A Metric-Based Approach", 4th IEEE International Conference on Advanced Computing & Communication Technologies, Panipat, October 30, 2010.

- ▶ Nazir M, Khan R. A. "Testability Estimation of Object Oriented Software: A Critical Review", presented and published in the proceedings of International Conference on information and communication technology (IICT 2007) ,July 26-28, 2007 at DIT, Dehradun.

- ▶ Nazir M.& Khan R. A., Software Design Testability Factors: A New Perspective", in the proceedings of National Conference on Computing For Nation Development, New Delhi, February, 2009. pp.323-328.

Guidance
Supervision

- Ph.D. (01 in progress).....
- Supervised IT Quiz in HOP-2011: An IT Carnival, March 11, 20011; Department of Computer Science, Jamia Millia Islamia, New Delhi
- Supervised a Project Library Management system for Departmental Library , Department of Computer Science, Jamia Millia Islamia, developed by MCA student
- MCA & PGDCA minor and major projects annually since 2002
- M. Sc (Bioinformatics) projects since 2010.

Participations

- Science Academics' Lecture Workshop on Nanoscience and Nanotechnology" from 1st March, 2013 to 2nd March 2013 at Jamia Millia Islamia.
- Special Winter Program of Three Weeks duration (from 11-Dec, 2012 to 1- Jan 2013) organized by   Academic Staff College, JMI.
- HOP-2011: An IT Carnival, March 11, 20011; Department of Computer Science, Jamia Millia Islamia, New Delhi
- Experts' Review on 'Setting up of On-line System in IT'(July 4-5, 2008): C-DAC, Noida, India
- EliteX2008(Securing the Indian Cyberspace): Jan 17, 2008, DIT Govt. of India, Delhi (Inaugural & First Session)
- National Seminar on Information Technology, Ghaziabad, Sep 05, 2008
- NSIF'08: Natural Science InfoFest' 2008, March 04-06, Jamia Millia Islamia, New Delhi, India
- National Seminar on e-Security Education through e-Learning (e-learn'2007), Dec 19, 1007; CDAC, Noida, India
- National conference on Methods and Models in Computing (Inaugural Session), Dec 13-14, 2007; JNU, India
- RE'07, IEEE International Conference of Requirements Engineering, Oct ober 15-19, 2007, India Habitat Centre, New Delhi
- WITSA2003: The National Workshop on IT Services and Applications, Feb 27-28,2003 Jamia Millia Islamia, New Delhi, India

Lectures Delivered	► EBB-2003: Conference on Education-Breaking the Barriers, March 27-29, 2003, Jamia Millia Islamia, New Delhi, India
	► National Workshop on IT Services and Applications, Feb 27-28, 2003; Jamia Millia Islamia, N, Delhi
	► Seminar lecture on *Beauty of Software: The promises, Adventures & Curse* in the Special Winter Program of 3 Weeks duration (Dec, 12 to Jan 13) organized by Academic Staff College, JMI.
	► Seminar lecture on Software Quality ; Refresher Course in computer Science; Dec 2005; Organized by UGC-ASC, JMI, New Delhi
	► Seminar Lecturer on Software Testability: Need & Significance; Nov 2006, Orientation Program Organized by UGC-ASC, JMI, New Delhi
	► Software: A ghost in the machine; Dec-2003, Academic Staff College IT Orientation Course for University Teachers, Jamia Millia Islamia, New Delhi
	► Lecture cum demonstration : MS-Word; Dec-2003, University Administrative Staff Training, Academic Staff College, Jamia Millia Islamia, New Delhi
Short Term Courses	► Refresher Course in computer Science; Organized by UGC-Academic Staff College, Jamia Millia Islamia, New Delhi in Dec 2005 (Three Weeks)
	► Orientation Program Organized by UGC- Academic Staff College, Jamia Millia Islamia, New Delhi, Nov 2006 (Four Weeks)
	► Workshop on development of Quality Question Paper Organized by Academic Staff College, Jamia Millia Islamia, New Delhi, March 2002.(Four days).
Manuscripts and Plans	► Curriculum and Detailed Syllabi: B.Sc., MCA, & PGDCA
	► Credit Based Curriculum- MCA, PGDCA & M. Sc (Bioinformatics)
	► Conversion of B.Sc (pass) to Credit Based Semester System
Doctoral Research	► Topic: Testability Estimation of Object Oriented Software: Design Phase Perspective.
	Area: Software Testing and Quality Assurance

Personal Details
- Full Name – Mohammad Nazir
- Father's Name - (Late) Jn. Masitullah
- Date of Birth - 01-07-1972
- Place of Birth – Bijnore (U.P.)
- Religion - Islam
- Nationality - Indian
- State of Domicile - Delhi (India)
- *Identity Card No. - DL/02/006/291094*
- Marital Status - Married
- Languages Known - Urdu, Hindi, English (R/W)
- Hobbies – Reading, Playing and Healthy Discussions