

## **Dr. Mazhar Khaliq**

**M.C.A., Ph.D.**

### **Assistant Professor & Subject In-charge**

Department of Computer Science

Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University  
(KMC UAFU), Lucknow, U.P., India.

E-mail: [dr.mazharkhaliq@gmail.com](mailto:dr.mazharkhaliq@gmail.com), Mobile: 9452272866



### **PRESENT STATUS:**

- Working with Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University (KMC UAFU), Lucknow, UP, India, as an **Assistant Professor & In-Charge** in the Department of Computer Science.

### **PREVIOUS STATUS:**

- Worked with Amiruddaula Islamia Degree College, University of Lucknow, Lucknow, India (24 March 1998 - 21 April 2013), as Lecturer & In-Charge in the Department of Computer Science.

### **EXPERIENCE:**

- Teaching - More than **Fifteen Years**.
- Administration - More than **Fifteen Years**.
- Research - More than **Five Years**.

### **Ph. D. TITLE:**

- **Object Oriented Software Quality Testing: A Design Phase Perspective**

### **EDUCATIONAL QUALIFICATION:**

- **B. Sc. (Mathematics – Hons.)** from A.M.U. Aligarh, U.P., India.
- **Intermediate** from U.P. Board, India.
- **High School** from U.P. Board, India.

### **PROFESSIONAL QUALIFICATION:**

- **Master of Computer Science and Applications (M.C.A.)** from Aligarh Muslim University, Aligarh, U.P., India.

### **DOCTORAL DEGREE:**

- **Ph.D.** from Integral University, Lucknow, U.P., India.

### **AREA OF RESEARCH:**

- Software Engineering (Software Quality Assurance).

### **AREA OF SOFTWARE:**

- Relational Database Management System, Data Warehousing.

**PAPERS TAUGHT:**

- Programming Techniques
- Database Management System
- Data Structure
- Business Data Processing
- Software Engineering
- Operating System
- Management Information System
- Data Communication and Networking
- Computer System Architecture
- Data Warehousing

**COURSES TAUGHT:**

- Master of Computer Application (M.C.A.)
- Post Graduate Diploma in Computer Application (PGDCA)
- M. Sc. Information Technology
- Bachelor of Computer Application (B.C.A)
- Bachelor of Business Administration (B.B.A.)
- B.Sc. (Computer Science)

**TECHNOLOGY USED:**

**OS:** DOS, Xenix, Unix, LAN(Novell Netware), Windows 3.1x/95/98/ Windows 2000, xp, vista, 7, 8, 8.1, 10/Windows NT Server.

**Languages & s/w:** Pascal, Cobol, Fortran, C, C++, Visual Basic 6, MS-Office etc.

**DBMS:** Dbase III Plus, FoxPro, MS-Access, MS-SQL Server, Oracle.

**Web Technology:** HTML, DHTML, ASP, PWS, IIS, ASP.Net etc.

**M.Tech. RESERCH PROJECT SUPERVISOD:**

1. Nupur Soni (January 2016): 'Software Maintenance using Object Oriented Approach: A design phase perspective' from Uttar Pradesh Technical University, Lucknow, India.
2. Shweta Srivastava (January 2016): 'Testability Estimation of Object Oriented Software' from Uttar Pradesh Technical University, Lucknow, India.

**Ph.D. GUIDING:**

- A. K. Rai: Risk for Agile Software: Fuzzy Logic Perspective from Shri Ramswaroop Memorial University, Lucknow, India.

**CONFERENCE / EXTENSION LECTURES ORGANIZED:****Co-Convener:**

National Conference on 'Inclusive Growth of Minority Women through ICT'  
Department of Computer Science / Department of Mass Communication & Journalism,

Khawaja Moinuddin Chishti Urdu, Arabi-Farsi University (KMC UAFU), Lucknow, India on 13-14 February 2015.

**Convener:**

1. Extension lecture on 'Online Security' Department of Computer Science, KMC UAFU, Lucknow, India on 17 March 2016.
2. Extension lecture on 'Hybrid Android App Development' Department of Computer Science, KMC UAFU, Lucknow, India on 15 February 2016.
3. Extension lecture on 'Information Communication Technology (ICT): Opportunities and Challenges' Department of Computer Science, KMC UAFU, Lucknow, India on 31 March 2015.
4. Extension lecture on 'SDLC to SDLC: W3H (what, Where, When & How)', Department of Computer Science, KMC UAFU, Lucknow, India on 17 March 2015.
5. Extension lecture on 'Role of Digital System in Computer', Department of Computer Science, KMC UAFU, Lucknow, India on 25 February 2015.
6. Extension lecture on 'Information Security - threats and countermeasures in banking industry', Department of Computer Science, KMC UAFU, Lucknow, India on 24 February 2015.

**INCHARGESHIP / MEMBERSHIP:**

- Incharge, Internet Lab, Library, KMC UAF University, Lucknow, India.
- Member of Board of Studies, Department of Computer Science, KMC UAF University, Lucknow, India.
- Member of Examination Committee of KMC UAF University, Lucknow, India, (2013-14, 2014-15 & 2015-16).
- Member of Admission Committee, KMC UAF University, Lucknow, India, (2013-14 & 2014-15).
- Member of Prospectus Committee, KMC UAF University, Lucknow, India, (2013-14 & 2014-15).
- Member of Admission & Examination committees, Amiruddaula Islamia Degree College (University of Lucknow), Lucknow, India, (numerous times).
- Ex-Officio Member of Management Committee of Amiruddaula Islamia Degree College (University of Lucknow), Lucknow, India, (2002-03, 2005-06 & 2008-09).
- Incharge, Computer Centre, Amiruddaula Islamia Degree College (University of Lucknow), Lucknow, India (1999- April 2013).
- Consultant, Laboratories Setup & Maintenance, Science Faculty, Mumtaz Degree College (University of Lucknow), Lucknow, India, (1998).

**DEVELOPMENT:**

- Courseware development for BCA Course, Department of Computer Science, KMC UAF University, Lucknow, India.
- Database development for storing & managing data of undergraduate & postgraduate admissions, KMC UAF University, Lucknow, India.

- Software development - Undergraduate & Postgraduate Examination Result Processing System, KMC UAF University, Lucknow, India.
- Software development - Under Graduate Admission Process & Fee Collection System, Amiruddaula Islamia Degree College (University of Lucknow), Lucknow, India.

#### **SHORT TERM PROGRAMME:**

- Short Term Course on Computer Applications (one week), UGC Human Resource Development, Aligarh Muslim University, Aligarh. Centre for Academic Leadership and Education Management, Under the Scheme of Pandit Madan Mohan Malviya Mission on Teachers and Teaching, MHRD, Govt. of India.
- Faculty Development Programme (FDP) on Mat Lab & Its Application in Engineering (one week), Azad Institute of Engineering & Technology, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, India.
- UGC Sponsored Orientation Programme-120 (one month), University Grants Commission, Human Resource Development Centre (HRDC), University of Lucknow, Lucknow, India.
- Workshop on Rapid Application Development Using Oracle IDS (two days), Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow, India.
- Workshop on Research Methods in Information Technology (one week), Department of Information Technology, Babasaheb Bhimrao Ambedkar University, Lucknow, India.

#### **PRESENTATIONS / PUBLICATIONS :->**

##### **NATIONAL / INTERNATIONAL JOURNAL:**

1. Shweta Srivastava, **Mazhar Khaliq** (2015): Testability Estimation of Object Oriented Software, International Journal of Advanced Research in Computer and Communication Engineering, Volume 4, April 2015 (ISSN: 2278-1021 (Online), ISSN: 2319-5940 (Print)).
2. Nupur Soni, **Mazhar Khaliq** (2015): Maintainability Estimation of Object Oriented Software: Design Phase Perspective, International Journal of Advanced Research in Computer and Communication Engineering, Volume 4, March 2015 (ISSN: 2278-1021 (Online), ISSN: 2319-5940 (Print)).
3. Shweta Srivastava, **Mazhar Khaliq** (2014): Object Oriented Design for Testability: A Systematic Review, International Journal of Advance Research in Computer Science and Management Studies, Volume 2, October 2014 (ISSN: 2321-7782 (Online), ISSN: 2347-1778 (Print)).
4. Nupur Soni, **Mazhar Khaliq** (2014): Maintainability Estimation of Object Oriented Design: A Systematic Review, International Journal of Computer Engineering and Applications, Volume VIII, October 2014 (ISSN: 2321-3469(Online)).

5. **Mazhar Khaliq**, Riyaz A. Khan, M.H. Khan (2011): An Empirical Validation of Quality Testing Model for Object Oriented Design, International Journal of Mathematical Archive-2(5), May - 2011, Page: 635-641.
6. **Mazhar Khaliq**, Riyaz A. Khan, M.H. Khan (2011): Quality Testing Model for Object Oriented Design: QTMOOD, Journal of Computer and Information Technology, Vol. 2 (1), April 2011.
7. **Mazhar Khaliq**, Riyaz A. Khan, M. H. Khan (2011): Significance of Design Properties in Object Oriented Software Product Quality Assessment, International Journal of Computing Science and Communication Technologies, Vol. 3, January 2011.
8. **Mazhar Khaliq**, Riyaz A. Khan, M. H. Khan (2010): Software quality Measurement: A Revisit, Oriental Journal of Computer Science & Technology, vol.3 (1), 05-11, June 2010.

#### **NATIONAL SEMINARS / CONFERENCES:**

1. **Mazhar Khaliq** (February 2016): Impact of Information and Communication Technology in Virtual Education, Role Education in Sustainable Environmental Management and Biodiversity Conservation, 2-3 February 2016, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University, Lucknow, India.
2. Bably Dolly, **Mazhar Khaliq** (October 2015): Significance of Object Oriented Design Properties to Assess the Reusability, National Conference on Science for Society An Interdisciplinary Approach, 31 Oct.-2 Nov. 2015, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, India.
3. A.K. Rai, **Mazhar Khaliq** (February 2015): Fuzzy Logic Based Decision Support System in Software Design Phase, National Seminar on Inclusive Growth of Minority Women through ICT, 13-14 February 2015, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University, Lucknow, India.
4. **Mazhar Khaliq**, Alka (March 2014): Role of Internet in Education: Benefits and Drawbacks Perspectives, National Seminar on Role of Media in Promoting Right to Education, 11-12 March 2014, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University, Lucknow, India.
5. Alka, **Mazhar Khaliq** (March 2014): Information Technology and Women Empowerment, National Seminar on Women Empowerment Towards Gender Equality, 5-7 March 2014, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University, Lucknow, India.
6. **Mazhar Khaliq** (February 2013): A Review of Security Testing Metric Development Tool Practices, National Conference (COTII-2013) on Challenges & Opportunities for Technological Innovation in India, 16 February 2013, Ambalika Institute of Management & Technology (UPTU), Lucknow, India.
7. **Mazhar Khaliq** (February 2010): National Conference on Research and Development Trends in ICT, 12-13 February 2010, Dept. of Computer Science, University of Lucknow, Lucknow, India.