

Dr. Mazhar Khaliq

M.C.A., Ph.D.

Associate Professor

Department of Computer Science and Information Technology
Khwaja Moinuddin Chishti Language University (KMCLU),
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PRESENT STATUS:

- Working with Khwaja Moinuddin Chishti Language University (KMCLU), Lucknow, UP, India, as an **Associate Professor** in the Department of Computer Science and Information Technology.

PREVIOUS STATUS:

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

EXPERIENCE:

- Teaching - More than **Twenty Five Years**.
- Administration - More than **Twenty One Years**.
- Research - More than **Six 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 Quality Assurance

Ph.D. Supervisor:

Sandeep Kumar Sharma: “Software Quality Forensic Approach in Data Integrity Breaching”, Department of Computer Science and IT, KMC Language University, Lucknow, India. (Awarded).

Ph.D. Supervised as Co-Supervisor:

A. K. Rai: “Minimizing Risk for Agile Software Development: Fuzzy Logic Perspective” from Shri Ramswaroop Memorial University, Lucknow, India. (Awarded).

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.

PAPERS TAUGHT:

- C Programming
- PHP Programming
- Python Programming
- SQL
- Relational Database Management System
- Structured Query Language
- Data Analytics
- Object Oriented Analysis and Design
- Software Engineering
- Data Structure
- Business Data Processing
- Management Information System
- Data Communication and Networking
- E-Commerce

PROGRAMMES TAUGHT:

- Master of Computer Application (M.C.A.)
- 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, 2003, xp, vista, 7, 8, 8.1, 10/Windows NT Server.

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

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

Web Technology: HTML, DHTML, ASP, PWS, IIS, Wampserver, PHP etc.

CONFERENCE / EXTENSION LECTURES ORGANIZED:**Convener / Coordinator:**

1. Organized a Workshop on "**Prompt Engineering-Agentive AI**" at Department of Computer Science and IT, KMCLU, Lucknow, India on February 14, 2026
2. Organized a Workshop on "**Think Before You Click: Promoting Cyber Security Awareness and Vigilance**" at Department of Computer Science and IT, KMCLU, Lucknow, India on November 30, 2025
3. Organized a Seminar on "**ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING: CONCEPTS AND APPLICATIONS**" at Department of Computer Science and IT, KMCLU, Lucknow, India on February 22, 2025
4. Organized a Workshop on "**FULL STACK DEVELOPMENT & AI IMPLEMENTATION**" at Department of Computer Science and IT, KMCLU, Lucknow, India on December 11, 2024.
5. Organized an Online Workshop on "**3 Tier Web Development using Java**" at Department of Computer Science and IT, KMCLU, Lucknow, India on November 9, 2024.
6. Organized **Singing Competition** with two events (1. Solo Singing Bhajan, 2. Solo Singing Ghazal) on November 13, 2024 during the Celebration of Convocation week.
7. Organized an Inter University / college **Singing Competition** at Khwaja Moinuddin Chishti Language University (KMC UAFU), Lucknow on the occasion of foundation day & cultural fest week as COSAC-2021, COSAC-2022, COSAC-2023 & COSAC-2024.
8. Organized an Inter University / college **Singing Competition** at Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University (KMC UAFU), Lucknow on the occasion of foundation day & cultural fest week as COSAC-2018, COSAC-2019, COSAC-2020 & COSAC-2021.
9. Extension lecture on '**Online Security**', Department of Computer Science and IT, KMC UAFU, Lucknow, India on 17 March 2016.
10. Extension lecture on '**Hybrid Android App Development**', Department of Computer Science and IT, KMC UAFU, Lucknow, India on 15 February 2016.
11. Extension lecture on '**Information Communication Technology (ICT): Opportunities and Challenges**', Department of Computer Science and IT, KMC UAFU, Lucknow, India on 31 March 2015.
12. Extension lecture on '**SDLC to SDLC: W3H (what, Where, When & How)**', Department of Computer Science and IT, KMC UAFU, Lucknow, India on 17 March 2015.
13. Extension lecture on '**Role of Digital System in Computer**', Department of Computer Science, KMC UAFU, Lucknow, India on 25 February 2015.
14. Extension lecture on '**Information Security - threats and countermeasures in banking industry**', Department of Computer Science and IT, KMC UAFU, Lucknow, India on 24 February 2015.
15. Co-Convener: National Conference on 'Inclusive Growth of Minority Women through ICT' Department of Computer Science / Department of Mass Communication & Journalism, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University (KMC UAFU), Lucknow, India on 13-14 February 2015.

PROGRAMES CONDUCTED AS NSS-PROGRAM OFFICER

S. No.	Program	Date
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1.	Rashtriye Sadak Suraksha Saptaah	11-17 January 2020
2.	Fit India Cyclothon	18 January 2020
	Ganga Yatra Program:	
3.	Poster Competition (Water is Life)	27 January 2020
4.	Video Documentary on Ganga Yatara	30 January 2020
5.	Awareness Program on Water Conservation & Save Trees,	30 January 2020
6.	International Women's Day	08 March 2020
7.	Yoga Day 21 June 2020	21 June 2020
8.	Fit-India Movement (Online)	15 Aug-02 Oct. 2020
9.	Tree Plantation on the occasion of Birth Day of Hon'ble Prime Minister Narendra Modi Ji	17 September 2020
10.	Caring Movement for TB Infected children	17 September 2020

INCHARGESHIP / MEMBERSHIP / ADMINISTRATIVE WORK:

- Convener Online Streaming, Sound and Mikes system and Screen Display (Convocation-2025)
- Convener Online Streaming, Sound and Mikes system and Screen Display (Convocation-2024)
- Convener Online Streaming (Convocation-2023)
- Member IT Policy Committee - Prepared IT Policy Document, Approved by EC on September 20, 2022
- Nodal Officer (IT), KMCLU, Lucknow (May 24, 2022 – Cont...)
- Convener Online (Convocation-2022)
- IT Incharge, KMCLU, Lucknow (Dec 2020- Sept 2021)
- NSS Programe Officer (January 08,2020 – March 2021)
- Member of Cultural Committee of the University (January 21, 2020 – March 2021)
- Member of Kulgeet, Taran & Rashtragaan Committee, Convocation-2019
- Maker- UGC JRF-Scholarship Portal (August 11, 2019 – Cont..)
- Member-Academic Council (Aug. 2018 – April 2021)
- Member- Executive Council (Nov. 2019 – April 2021)
- Get order to prepare a syllabus of MCA (2 years course) (dated July 7, 2020)
- OSD Computer Cell (Examination), KMC UAF University, Lucknow, India (2017).
- In-charge, 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, (2019-20).
- Member of Prospectus Committee, KMC UAF University, Lucknow, India, (2013-14 & 2014-15).
- Subject In-Charge, Department of Computer Science and Information Technology, KMC UAF University, Lucknow, India (Since April 2013)
- 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:

- Syllabus designed for BCA & MCA Course (for Two Years) as per NEP-2020 / CBCS (w.e.f. 2021-22, 2022-23, 2023-24 & 2024-25), Department of Computer Science and Information Technology, KMCLU, Lucknow, India.
- Syllabus designed for MCA Course (for Two Years) as per CBCS (w.e.f. 2020-21), Department of Computer Science and Information Technology, KMC UAF University, Lucknow, India.
- Syllabus designed for MCA Course as per CBCS (w.e.f. 2019-20), Department of Computer Science and Information Technology, KMC UAF University, Lucknow, India.
- Syllabus designed for BCA Course as per CBCS (w.e.f. 2018-19), Department of Computer Science and Information Technology, KMC UAF University, Lucknow, India.
- Syllabus designed for BCA Course & MCA Course, Department of Computer Science and Information Technology, KMC UAF University, Lucknow, India.
- EDP work - Undergraduate & Postgraduate Examination Result Processing, KMC UAF University, Lucknow, India (odd/even semesters – 2013-14, 2014-15, 2015-16).
- Software development - Under Graduate Admission Process & Fee Collection System, Amiruddaula Islamia Degree College (University of Lucknow), Lucknow, India.

PROGRAMMES:

- One-Week Teacher Training Programme on "NEP 2020 Orientation & Sensitization Programme" under Malaviya Mission Teacher Training Programme (MMTTP) of University Grants Commission (UGC) organized by UGC-Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi (27 August-04 September 2025)
- Two-Week Equivalent Blended Faculty Development Programme on "Recent Trends in Communication and Computational Technologies", Organized by Department of Electronics and Communication Engineering, Integral University, Lucknow (12th September- 10th October 2022)
- Online One Week National Workshop on Research Challenges in Computer Science and Technology, Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Motihari, Bihar, (18th -23rd June 2020).
- One Week National Workshop on Research Methodology for Social Sciences, KMC Urdu Arabi Farsi University, Lucknow (26th February – 2nd March 2020) (sponsored by U.P. State Higher Education Department).
- TWO WEEK FDP on “Ensuring Excellence Teaching / Learning/Research In Higher Education Institution Using ICT”, BBAU (Central University) Lucknow (22 DEC 2018 - 6 JAN 2019).
- 4-Days Training Programme on Academic Leadership, KMC Urdu Arabi Farsi University, Lucknow (4th – 7th July 2018), (Under the scheme of Pandit Madan Mohan Malvaviya National Mission on Teachers and Teaching (PMMMNTT) (MHRD, Govt. of India) – UGC HRD Centre, AMU, Aligarh).

- Three Week Research Methodology Course, Department of Information Technology, BBAU (Central University) Lucknow (5th – 28th January 2017).
- 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 (23rd – 29th February 2016).
- 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. (14-18 January, 2016)
- UGC Sponsored Orientation Programme-120 (one month), University Grants Commission, Human Resource Development Centre (HRDC), University of Lucknow, Lucknow, India (15th May – 12th June 2015).
- 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. (22 September 2014 to 28 September 2014)

PRESENTATIONS / PUBLICATIONS :->

NATIONAL / INTERNATIONAL JOURNAL:

1. Mahfooz Ahmad, Eram Fatima, Ankit Shukla, Neeta Bhusal, **Mazhar Khaliq**, Alka Agarwal, Quantum Security In Cyber Risk Analysis Through Fuzzy Analytic Hierarchy Process, Journal of Information Security and Cybercrimes Research (JISCR), December, 2024 (Print ISSN: 1658-7782, Online ISSN: 1658-7790)
2. Sandeep Kumar Sharma, **Mazhar Khaliq**, Design and development of software quality forensics framework and model, Multidisciplinary Science Journal, January 2024 (ISSN: 2675-1240)
3. Sandeep Kumar Sharma, **Mazhar Khaliq**, A Review on Software Quality Forensics: Techniques, Challenges, and Limitations, International Journal on Recent and Innovation Trends in Computing and Communication, September 2023, (ISSN: 2321-8169)
4. Sandeep Kumar Sharma, **Mazhar Khaliq**, Review on Software Forensics Approach for Mobile App forensics, International Journal of Multidisciplinary Educational Research, October 2020, (ISSN: 2277-7881)
5. Anand Kumar Rai, Shalini Agarwal, **Mazhar Khaliq**, Abhishek Kumar, Quantitative Analysis of Development Environment Risk for Agile Software through Machine Learning, International Journal of Recent Technology and Engineering, March 2019, (ISSN: 2277-3878).
6. Deepak Kumar Verma, Varsha Katheria, **Mazhar Khaliq**, Use Cases and Applications of Blockchain Technology in IT Industry, International Journal of Computer Sciences and Engineering, April 2019, (ISSN:2347-2693).
7. Anand Kumar Rai, Dr. Shalini Agrawal, **Mazhar Khaliq**, Quality of Performance and Performance Risk Evaluation for Agile Software using Fuzzy Inference System, Journal of Global Research in Computer Science, January 2018, (ISSN:2229-371X).

8. Anand Kumar Rai, Dr. Shalini Agrawal, **Mazhar Khaliq**, Agile Software Quality of Adaptability Risk Measurement using Fuzzy Inference System, International Journal of Computer Sciences and Engineering, September 2018, (ISSN: 2347-2693).
9. Dr. Nikhat Praveen, Dr. Mazhar Khaliq, A General Study for Role of the Quality in the E-Procurement Process, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, January 2018, (ISSN : 2456-3307).
10. Deepak Kumar Verma, Mazhar Khaliq, Santosh Kumar, Challenges and Importance of ICT in Quality Improvement of Higher Education, International Research Journal of Engineering and Technology, Oct-2016, (e-ISSN: 2395-0056, p-ISSN: 2395-0072).
11. Anand Kumar Rai, Manish Khare, **Mazhar Khaliq** (2016): Agile Software Development Issues: A Review, International Journal of Scientific & Engineering Research (IJSER), April 2016 (ISSN 2229-5518).
12. 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)).
13. 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)).
14. 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)).
15. 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)).
16. **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.
17. **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.
18. **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.
19. **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. Manoj Kumar, Dr.T.Thiruvankadam, **Mazhar Khaliq** (October 2023): Agriculture and Artificial Intelligence: Using Today's AI to address Traditional Farming Methods, IEEE

International Conference on "New Frontiers in Communication, Automation, Management and Security", 27th & 28th October 2023, SoCSE & IS, Presidency University, Bengaluru.

2. Sandeep Kumar Sharma, **Mazhar Khaliq** (November 2020): Software Quality Forensics and Standards: An Ontological Approach, International E-Symposium on "Recent Advancements in Information and Communication Technology (RAICT 2020) , 5-7 November 2020, Department of Computer Application, Integral University, Lucknow, U.P.
3. Nikhat Praveen, **Mazhar Khaliq** (October 2020): Difficult on Addressing Security: A Security Requirement 200 Framework, International Conference on "Intelligent and Smart Computing in Data Analytics", 4-5 Oct. 2020, Department of Computer Science and Engineering, KL Deemed University, Vaddeswaram, Andhra Pradesh.
4. Sandeep Kumar Sharma, **Mazhar Khaliq** (28-29 February 2020): Review on Forensics Approach for Mobile Apps Forensics , International Conference on on Challenges & Opportunities for Technological Innovation in India (COTII-2020), Ambalika Institute of Management & Technology (UPTU), Lucknow, India.
5. Sandeep Kumar Sharma, **Mazhar Khaliq** (February 2020): The Role of Big Data Precision Agriculture of Medicinal Plant (A Review) , National Conference on Science and Technology in Environmental Management (STEM-2020), 22-23 February 2020, Society for Green World and Sustainable Development, Jhansi (UP).
6. Nikhat Praveen, **Mazhar Khaliq** (February 2018): Paytm and Pay U: A Digital Payment System for New Era, 24-25 February 2018, National Conference on Achieving Business Synergy through Social, Spiritual and Technological Dimensions, at School of Management Sciences, Lucknow, U.P.
7. A.K. Rai, **Mazhar Khaliq** (July 2017): Identification of Agile Software Risk Indicators and Evaluation of Agile Software Development Project Risk Occurrence Probability, 7th International Conference on Engineering Technology, Science and Management Innovation (ICETSMI-2017), 16 July 2017, Institution of Electronics and Telecommunication Engineers, Delhi, India.
8. Sandeep Kumar Sharma, **Mazhar Khaliq** (February 2016): Breaching Security on Mobile, National Seminar on Emerging Trends and Advancements in Cyber Security, 4 April 2016, Integral University, Lucknow, India.
9. **Mazhar Khaliq** (February 2016): Impact of Information and Communication Technology in Virtual Education, National Seminar on Role of Education in Sustainable Environmental Management and Biodiversity Conservation, 2-3 February 2016, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University, Lucknow, India.
10. 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.
11. 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.

12. **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.
13. 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.
14. **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.
15. **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.

Appreciation

- **Got Appreciation Letter** in Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University (KMC UAFU), Lucknow(U.P. (On the Occasion of Convocation-2019)
- *** Hobby: Vocal Music**