

## CURRICULUM VITAE

**Dr. Khalid Mahmood**

*Pro Vice Chancellor*

*Professor, Institute of Information Management*

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### WORK EXPERIENCE

#### Present Assignment

- Pro Vice Chancellor, University of the Punjab. Since 31-03-2023.
- Tenured Professor. Institute of Information Management, University of the Punjab. Since 02-05-2024.

#### Previous

- Acting Vice Chancellor, University of the Punjab. 31-03-2023 to 22-09-2024.
- Dean, Faculty of Information and Media Studies, University of the Punjab. 16-07-2021 to 15-07-2024.
- Dean. Faculty of Economics & Management Sciences, University of the Punjab. 04-12-2019 to 30-05-2021.
- Director. Institute of Information Management, University of the Punjab. 25-01-2021 to 12-12-2021.
- Professor. Deanship of Library Affairs, University of Dammam, Kingdom of Saudi Arabia. September 2013 to June 2016. Head, Information, Learning & Research Commons (ILRC).
- Chairman. Department of Information Management, University of the Punjab, 2006 to 2009, and 25-05-2018 to 24-01-2021.
- Professor on Tenure Track System (TTS). Institute of Information Management, University of the Punjab. 22-10-2019 to 01-05-2024.
- Professor. Institute of Information Management, University of the Punjab. 30-10-2005 to 21-10-2019.  
*Courses taught:*  
Mixed Methods Research (PhD); Seminar in Advance Research (PhD); Digital Libraries (PhD & MLIS); Computer Applications in Research (PhD); Online Information Retrieval (PhD); Organization of Information (PhD); Quantitative Research Methods (MPhil); Theoretical Foundations of Information Science (MPhil); Development of Library & Information Science in Pakistan (MPhil); Seminar in Library & Information Science (MPhil); Research Methods in Library & Information Science (MLIS); Indexing and Abstracting (MLIS); Humanities and Social Sciences Information (MIM); Information Literacy Instruction (MIM); Library, Information and Society (MLIS); Information Technology Applications (MLIS); Integrated Library Systems (MIM); Applied Library Automation (MLIS); Management of Libraries and Information Centers (MLIS); Advanced Management Operations (MLIS); Literature of Islam and Pakistan (MLIS); Information Sources and Services (MIM)
- Associate Professor. Department of Information Management, University of the Punjab. 23-4-2005 to 29-10-2005.
- Lecturer. Information Management, University of the Punjab. 3-5-1993 to 22-4-2005.
- Librarian. Education Department, Govt. of Punjab. 21-12-1989 to 2-5-1993.
- Visiting faculty. Institute of Communication Studies, Hailey College of Commerce, Department of Special Education, Department of Political Science, Department of Economics, and Department of Social Work, University of the Punjab. Taught various courses at PhD, M.Phil., master, and BS levels.

- Visiting faculty. University of Central Punjab, University of Management & Technology, Lahore Leads University, Minhaj University, Pak-AIMS, and National College of Business Administration & Economics. Taught various courses on “Research methods” at PhD and M.Phil. levels.
- Instructor for CDS/ISIS, LAMP and Library automation at Pakistan Library Association Computer Training Centre, Lahore. Since June 1993. Conducted 20 courses on various aspects of library automation.

## **EDUCATION**

- Post Doctoral Fellowship. Information Studies. University of California, Los Angeles (UCLA). USA. 2011.
- Ph.D. Library and Information Science. University of the Punjab. 2004.
- Postgraduate Diploma in Library Management. Haagse Hogeschool. Netherlands. 1996.
- M.A. Library Science. University of the Punjab. 1989.
- Diploma in Library Science. University of the Punjab. 1988.
- M.A. Islamic Studies. University of the Punjab. 1990.
- Bachelor of Laws (L.L.B.). University of the Punjab. 1992.
- Bachelor of Arts. University of the Punjab. 1986. (Journalism and Islamic Studies).

## **PROFESSIONAL AFFILIATIONS**

- Pakistan Library Association. President (2012-2013). PLA Punjab Branch. President (2017-2019).
- Association for Information Science and Technology (ASIS&T), USA. Member (2019).
- Higher Education Commission. Approved PhD Supervisor.
- Higher Education Commission. National Curriculum Revision Committee in LIS. Co-Convener.
- National Testing Service Pakistan. Subject Committee in LIS. Convener.
- Punjab Library Foundation. Board of Governors. Member.
- Government Punjab Public Library Lahore. Board of Governors. Member.
- Council of Social Sciences (COSS), Pakistan. Member.
- Pakistan Library Automation Group. President.
- Pak LIS Research Portal & Listserv. Chief Coordinator.
- Punjab University Library and Information Science Alumni Association (PULISAA). Life Member.
- Pakistan Bibliographical Working Group. Regional Vice-President (Punjab).
- Institute of Research Promotion. Center for Literary Services. Director.
- Pakistan Bibliographical Organization. Vice-President.
- PLA Computer Training Center Lahore. Program Committee. Member.
- University of the Punjab Lahore. Syndicate. Member (1996-1999).
- University of the Punjab Lahore. Senate. Member.
- University of the Punjab Lahore. Academic Council. Member.
- University of the Punjab Lahore. Board of Studies in LIS. Member.
- University of the Punjab Lahore. University Ranking Committee. Chairman.
- International Islamic University Islamabad. Experts Committee in Lib. & Inf. Management. Member.
- University of Balochistan Quetta. Board of Studies in LIS. Member.
- The Islamia University of Bahawalpur. Board of Studies in LIS. Member.
- Bahauddin Zakrya University Multan. Board of Studies in LIS. Member.
- Allama Iqbal Open University Islamabad. Board of Studies in LIS. Member.
- GC University Lahore. Board of Studies in LIS. Member.
- University of Sargodha. Program Advisory Committee in LIS. Member.
- Iqbal Academy Pakistan. Library Committee. Member.
- University of Okara. Board of Studies in LIS. Member.
- Government College University, Faisalabad. Board of Studies in LIS. Member.

## **COUNTRIES VISITED**

USA, UK, Netherlands, France, Belgium, Germany, Italy, Denmark, Malaysia, Singapore, Nepal, Saudi Arabia, United Arab Emirates, Oman, Qatar, Bahrain, Kyrgyzstan, China, Iran.

## RESEARCH AND PUBLICATIONS

### Editorial Responsibilities

- *Pakistan Journal of Information Management and Libraries*. University of the Punjab. Chief Editor (2009-2013, 2019-).
- *Governance and Management Review*. University of the Punjab. Editor in chief (2019-2020)
- *Research Journal: Social Sciences*. Pakistan Research Society for Social Sciences. Associate Editor.
- *Information Development*. Sage Publications, USA. Editorial Advisory Board. Member.
- *Global Knowledge, Memory and Communication*. Emerald Publishing, UK. Editorial Advisory Board. Member.
- *Virtual Economics*. Institute for International Cooperation Development (Poland) and London Academy of Science and Business (UK). Editorial Board. Member.
- *International Journal of Information Science and Management (IJISM)*. Shiraz University, Iran. Editorial Board. Member.
- *Journal of Medical Library and Information Science*. Shahid Beheshti University of Medical Sciences, Iran. Editorial Board. Member.
- *International Journal of Library and Information Services (IJLIS)*. IGI Global. Editorial Review Board. Member.
- *Library Philosophy and Practice (LPP)*. University of Idaho, USA. Editorial Board. Member.
- *International Journal of Knowledge Management and Practices*. Publishing India Group, India. Editorial Board. Member.
- *Pakistan Library & Information Science Journal*. Library Promotion Bureau. Editorial Advisory Board. Member.
- *IUB Journal of Social Sciences*. The Islamia University of Bahawalpur. Editorial Advisory Board. Member.
- *Journal of Information Management and Practices*. The Islamia University of Bahawalpur. Editorial Advisory Board. Member.
- *Pakistan Journal of Computer and Information Systems*. Pakistan Scientific and Technological Information Centre (PASTIC). Editorial Advisory Board. Member.
- *International Journal of Information Management Sciences*. Pakistan Librarians Welfare Organization. Editorial Board. Member.
- *International Journal of Librarianship and Information Science IJOLIS*. Allama Iqbal Open University, Islamabad. Advisory Board. Member.
- *UMT Education Review*. University of Management & Technology, Lahore. Editorial Board. Member.
- *Proceedings*. Shaikh Zayed Postgraduate Medical Institute, Lahore. Editorial Board. Member.
- *Journal of Information Management and Library Studies*. Khushal Khan Khattak University, Karak. Advisory Board. Member.

### Research Supervised

#### PhD

1. Hussain, N. (2023). Role of knowledge and health literacy in predicting risk information seeking behavior of heart patients. University of the Punjab.
2. Asif, M. (2023). Research collaboration of computer scientists: A scientometric and descriptive study. University of the Punjab.
3. Ahmad, Z. (2023). Exploring antecedents of information sharing intention and behavior on Social Media within the context of Social Capital. University of the Punjab.
4. Ahmad, Z. (2022). Information literacy skills of research students of science and engineering disciplines of public sector universities in Pakistan. University of the Punjab.
5. Maqbool, R. (2022). Farmers' information seeking behavior: An application of Wilson's information behavior model in Pakistani context. University of the Punjab.
6. Safdar, M. (2021). Factors affecting knowledge sharing behavior of Pakistani engineering students. University of the Punjab.
7. Yousaf, A. (2021). Right of access to information in Punjab: Challenges and prospects. University of the Punjab.
8. Rafique, G. M. (2020). Impact of knowledge sharing on work performance, job satisfaction, and innovation behavior: A survey of professional nurses of public and private sectors hospitals in Lahore. University of the Punjab.
9. Tariq, M. (2016). Availability and use of online information resources by university research students. Doctoral thesis. Hamdard University.

10. Siddique, N. (2012). An appraisal of library software used in higher education institutions of Pakistan. Doctoral thesis. University of the Punjab.
11. Naseer, M. M. (2012). Library and information science research in Pakistan: Bibliographic control, bibliometric analysis and issues. Doctoral thesis. University of the Punjab.
12. Mirza, M. S. (2012). Utility of information technology in university libraries in Pakistan. Doctoral thesis. University of the Punjab.
13. Shafique, F. (2011). Model information system for educational administrators in Pakistan. Doctoral thesis. University of the Punjab.

#### **M.Phil.**

1. Iqbal, M. J. (2022). Financial information security behavior in online banking: A survey of university teachers. University teachers.
2. Saifullah, H. M. K. (2021). Factors affecting health information sharing intention of older adults on social media. University of the Punjab.
3. Ashraf, M. (2020). Antecedents of personal information sharing behavior on social networking sites (SNSs): A case of Facebook. University of the Punjab.
4. Ahmad, M. (2020). Dengue related information needs and seeking behavior of education population of Lahore. University of the Punjab.
5. Mubeen, I. (2020). Factors influencing the use of HEC National Digital Library by research students. University of the Punjab.
6. Mushtaq, S. (2019). Reading habits of secondary and higher secondary school students. M.Phil. thesis. University of the Punjab.
7. Adil, H. M. (2019). Recency and credibility of social media as an information source: The case of Panama Leaks in Pakistan. M.Phil. thesis. University of the Punjab.
8. Jbeen, A. (2018). Awareness, use and attitudes of students towards e-books: Differences based on gender, discipline and degree level. M.Phil. thesis. University of the Punjab.
9. Javaid, J. (2018). Personal and organizational factors affecting the knowledge sharing attitude of university teachers. M.Phil. thesis. University of the Punjab.
10. Bashir, I. (2018). Use of social media for information sharing by university students. M.Phil. thesis. University of the Punjab.
11. Hussain, A. (2014). Readiness for resource sharing of major libraries in Lahore. MPhil thesis. Minhaj University.
12. Yousaf, A. (2014). Criteria for promotion of public sector university librarians in the Punjab. MPhil thesis. Minhaj University.
13. Haroon, A. (2014). Information literacy skills of engineering students: A comparison between UET, Lahore and PU, Lahore. MPhil thesis. Minhaj University.
14. Pervin, L. (2013). Relationship between job satisfaction and organizational commitment of female college librarians. M.Phil. thesis. University of the Punjab.
15. Ullah, I. (2013). Relationship between work motivation and job satisfaction of male college librarians. M.Phil. thesis. University of the Punjab.
16. Iram, S. (2012). Reading needs, facilities, and problems of visually impaired people. MPhil thesis. University of the Punjab.
17. Kousar, M. (2011). Perceptions of faculty about information literacy skills of postgraduate engineering students: A study of NUST. MPhil thesis. University of the Punjab.
18. Malik, A. (2011). Readiness for digital reference service (DRS) in university libraries. MPhil thesis. University of the Punjab.
19. Iqbal, A. (2010). Information needs and information seeking behavior of medical researchers in Pakistan. MPhil thesis. University of the Punjab.
20. Akhtar, M. Z. (2010). Information needs and information seeking behavior of business administration faculty members in universities of Islamabad. MPhil thesis. University of the Punjab.
21. Awan, M. R. (2009). Relationship among leadership style, organizational culture and job commitment of university librarians. MPhil thesis. University of the Punjab.
22. Arif, M. (2008). The role of libraries in distance education: The case of Allama Iqbal Open University. MPhil thesis. University of the Punjab.
23. Idrees, H. (2008). A review of classification schemes on Islam. MPhil thesis. University of the Punjab.

#### **MLIS**

1. Safdar, M. (2008). Internet use behavior and attitude of college students: A survey of Leadership Colleges Network. Master's thesis. University of the Punjab.
2. Mushtaq, S. (2007). Automation in Quaid-e-Azam Library. Master's thesis. University of the Punjab.

3. Ashraf, K. (2007). Availability and use of online information sources in medical libraries of Lahore. Master's thesis. University of the Punjab.
4. Shahzad, K. (2007). Information seeking behavior of faculty members of Government College University, Lahore. Master's thesis. University of the Punjab.
5. Bashir, S. (2006). Internet services offered by Punjab University Library Digital Lab Unit. Master's thesis. University of the Punjab.
6. Hussain, A. (2006). Perception of LIS professionals regarding digital libraries. Master's thesis. University of the Punjab.
7. Butt, K. (2005). Use of Internet in the libraries of Lahore. Master's thesis. University of the Punjab.
8. Shafique, F. (2004). Library software in Lahore. Master's thesis. University of the Punjab.
9. Qutab, S. (2004). Library websites in Pakistan. Master's thesis. University of the Punjab.
10. Rafiq, M. (1997). A survey of medical libraries of Lahore. Master's thesis. University of the Punjab.
11. Idrees, H. (1995). Library automation in Lahore. Master's thesis. University of the Punjab.

### **Research Papers in International Journals (Impact Factor)**

1. Malik, A., Islam, T., Mahmood, K., & Arshad, A. (in press, 2025). Seeking information about Covid-19 vaccine on social media: A moderated mediated model of antecedents and behavioral outcomes. *Library Hi Tech*. [UK]. [Impact Factor=1.256].
2. Hashmi, F. S., Soroya, S. H., & Mahmood, K. (in press, 2025). Assessing the impact of health information orientation and health information literacy on patients' engagement with health information. *Journal of Information Science*. [UK]. [Impact Factor=2.410].
3. Maqbool, R., Soroya, S. H., Mahmood, K., & Naeem, S. B. (in press, 2025). Determinants of Agriculture Information Utilization among Farmers: Contextualization of Wilson's Information Behavior Model. *Information Development*. [UK]. [Impact Factor=1.440].
4. Ahmad, Z., Soroya, S. H., & Mahmood, K. (in press, 2025). Bonding and bridging social capital as predictors of information sharing intention and behavior among Pakistani Facebook users. *Information Development*. [USA]. [Impact Factor=1.440].
5. Malik, A., Rafiq, M., & Mahmood, K. (in press, 2025). Wikipedia and academia: University faculty patterns of use and perceptions of credibility. *Journal of Librarianship and Information Science*. [UK]. [Impact Factor=1.992].
6. Mubarak, N., Rana F. R., Zahid, T., Ijaz, U. E. B., Shabbir, A., Bari, A. G., Niaz, B., Kanwal, S., Saif-Ur-Rahman, N., Iqbal, Z., Khan, A. M., Zin, C. S, Mahmood, K., Elnaem, M. H., & Tariq, S. (2024). Cross-sectional evaluation of opioid dispensing competencies in final-year Pharm-D students: A study from Punjab, Pakistan. *Drug, Healthcare and Patient Safety*, 2024(16), 133-144. [UK]. [Impact Factor=2.200].
7. Iqbal, J., Soroya, S. H., & Mahmood, K. (2024). Financial information security behavior in online banking. *Information Development*, 40(4), 550-565. [USA]. [Impact Factor=1.440].
8. Irfan, F. Rafiq, M., & Mahmood, K. (2024). Gap analysis between skills requirements for research support services and LIS/IM curricula. *Education for Information*, 40(2), 163-178. [Netherlands]. [Impact Factor=0.9].
9. Khan, A. M., Soroya, S. H., & Mahmood, K. (2024). Impact of information credibility on social media information adoption behaviour: A systematic literature review. *Library Hi Tech*, 42(1), 261-283. [UK]. [Impact Factor=1.256].
10. Jaleel, A., Farid, G., Irfan, H., Mahmood, K., & Baig, S. (2024). A systematic review on the mental health status of patients infected with Monkeypox virus. *Journal of the Korean Academy of Child and Adolescent Psychiatry*, 35(2), 107-118. [South Korea]. [Impact Factor=2.0].
11. Malik, A., Sheikh, A., & Mahmood, K. (2023). Assessing the research competencies of academic librarians in Pakistan: Implications for work performance. *Journal of Librarianship and Information Science*, 55(3), 535-547. [UK]. [Impact Factor=1.992].
12. Mubarak, N., & Mahmood, K. (2023). Are pharmacists on the frontlines of the opioid epidemic? A cross sectional study of the practices and competencies of community and hospital pharmacists in Punjab, Pakistan. *BMJ Open*, 13, 1-9. [UK]. [Impact Factor=2.900].
13. Malik, A., Islam, T., Ahmad, M., & Mahmood, K. (2023). Health information seeking and sharing behavior of young adults on social media in Pakistan. *Journal of Librarianship and Information Science*, 55(3), 579-595. [UK]. [Impact Factor=1.992].
14. Malik, A., Islam, T., & Mahmood, K. (2023). Factors affecting misinformation combating intention in Pakistan during COVID-19. *Kybernetes*, 52(12), 5753-5775. [UK]. [Impact Factor=2.352].
15. Arshad, A., Saleem, Q., & Mahmood, K. (2023). Predictors affecting personal digital information management activities: A hierarchical regression analysis. *Journal of Information Science*, 49(6), 1677-1691. [UK]. [Impact Factor=2.410].

16. Hashmi, F. S., Soroya, S. H., & Mahmood, K. (2023). Knowledge sharing through social networking sites (SNSs): A study of Pakistani research students. *Information Development*, 39(4), 853-865. [UK]. [Impact Factor=1.9].
17. Malik, A., Islam, T., & Mahmood, K. (2023). Understanding the Facebook users' behavior towards COVID-19 information sharing by integrating the Theory of Planned Behavior and Gratifications. *Information Development*, 39(4), 750-763. [UK]. [Impact Factor=1.9].
18. Siddique, N., Rehman, S. U., Ahmad, S., Mahmood, K., Khan, M. A., Adil, H. M., Iqbal, A., & Altaf, A. (2023). Research productivity of Pakistani female LIS authors, 1977 to 2020: A bibliometric analysis. *Sage Open*, 13(4), 1-18. [UK]. [Impact Factor=2.032].
19. Rafique, T., Awan, M. U., Shafiq, M., & Mahmood, K. (2023). Exploring the role of university ranking systems towards university performance improvement: A focus group-based study. *Heliyon*, 9(10). [Netherlands]. [Impact Factor=4.000]
20. Ashiq, M., Jabeen, F., & Mahmood, K. (2023). Workplace creativity and job satisfaction of academic librarians: A perspective of Distributed Leadership Theory. *Information Development*, 39(3), 500-511. [USA]. [Impact Factor=1.440].
21. Ahmad, Z., Soroya, S. H., & Mahmood, K. (2023). Bridging social capital through the use of social networking sites: A systematic literature review. *Journal of Human Behavior in the Social Environment*, 33(4), 473-489. [USA]. [Impact Factor=1.6].
22. Hussain, T. S., Batool, S. H., Rehman, A. U., Zahra, S. K., & Mahmood, K. (2023). Examining the status of prison libraries around the world: A literature review. *IFLA Journal*, 49(1), 180-200. [Netherlands]. [Impact Factor=1.3].
23. Maqbool, R., Soroya, S. H., & Mahmood, K. (2023). Factors driving the exposure to information sources: Pakistani farmers' information behavior. *Information Development*, 39(2), 202-212. [UK]. [Impact Factor=1.440].
24. Ahmad, M., Malik, A., & Mahmood, K. (2023). Dengue-related information needs and information-seeking behavior in Pakistan. *Health Communication*, 38(6), 1168-1178. [UK]. [Impact Factor=3.198].
25. Sheikh, A., Siddique, N., Qutab, S., Khan, M. A., & Mahmood, K. (2023). An investigation of emerging COVID-19 research trends and future implications for LIS field: A bibliometric mapping and visualization. *Journal of Librarianship and Information Science*, 55(1), 3-17. [UK]. [Impact Factor=1.992].
26. Malik, A., Bashir, F., & Mahmood, K. (2023). Antecedents and consequences of misinformation sharing behavior among adults on social media during COVID-19. *Sage Open*, 13(1), 1-14. [UK]. [Impact Factor=2.032].
27. Jbeen, A., Rehman, S. U., & Mahmood, K. (2022). Awareness, use and attitudes of students towards e-books: Differences based on gender, discipline and degree level. *Global Knowledge, Memory and Communication*, 71(6/7), 449-467. [UK]. [Impact Factor=1.8].
28. Safdar, M., Batool, S. H., & Mahmood, K. (2022). Investigating roles of technological and organizational factors towards students' knowledge sharing behavior in Pakistan. *Libri: International Journal of Libraries and Information Studies*, 72(4), 379-392. [Germany]. [Impact Factor=0.583]
29. Soroya, S. H., Mahmood, K., Soroya, M. S., Hussain, S., & Ilyas, A. (2022). Green computing intent and behavior of Pakistani academic librarians: PLS-SEM analysis. *Library Hi Tech*, 40(6), 1996-2012. [UK]. [Impact Factor=1.256].
30. Sheikh, A., Malik, A., & Mahmood, K. (2022). Research practices of LIS professionals in Pakistan: A study of attitudes, involvement and competencies. *Journal of Information Science*, 48(5), 587-599. [USA]. [Impact Factor=2.410].
31. Asad, H., Toqeer, I., & Mahmood, K. (2022). A qualitative phenomenological exploration of social mood and investors' risk tolerance in an emerging economy. *Qualitative Research in Financial Markets*, 14(1), 189-211. [UK]. [Impact Factor=1.9].
32. Ashiq, M., Jabeen, F., & Mahmood, K. (2022). Transformation of libraries during Covid-19 pandemic: A systematic review. *The Journal of Academic Librarianship*, 48(4). [USA]. [Impact Factor=1.235].
33. Safdar, M., Batool, S. H., & Mahmood, K. (2022). Fostering knowledge sharing behavior among Pakistani engineering students: role of individual and classroom related factors. *Libri: International Journal of Libraries and Information Studies*, 72(1), 39-51. [Germany]. [Impact Factor=0.583]
34. Ashraf, S., Batool, S. H., Sulehri, I., Eman, S., Rehman, A. U., & Mahmood, K. (2022). Measuring everyday health information literacy: A survey of Pakistani married working women. *Libri: International Journal of Libraries and Information Studies*, 72(2), 97-107. [Germany]. [Impact Factor=0.583]
35. Arshad, A., Mansoor, F., & Mahmood, K. (2021). Effects of students' demographic and academic characteristics on library use: A perspective from Pakistan. *Portal: Libraries and the Academy*, 21(4), 665-684. [USA]. [Impact Factor=1.037].

36. Naveed, M. A., Malik, A., & Mahmood, K. (2021). Impact of conspiracy beliefs on Covid-19 fear, and health protective behavior: A case of university students. *Library Hi Tech*, 39(3), 761-775. [UK]. [Impact Factor=1.256].
37. Mubarak, N., Arif, S., Irshad, M., Aqeel, R. M., Khalid, A., Ijaz, U. B., Mahmood, K., Jamshed, S., Zin, C. S., & Saif-ur-Rehman, N. (2021). How are we educating future physicians and pharmacists in Pakistan? A survey of the medical and pharmacy students' perception on learning and preparedness to assume future roles in antibiotic use and resistance. *Antibiotics*, 10(10), 1204. [Impact Factor=4.639].
38. Mubarak, N., Khan, A. S., Zahid, T., Ijaz, U. B., Aziz, M. M., Khan, R., Mahmood, K., Rehman, N. S., Zin, C. S. (2021). Assessment of adherence to the core elements of hospital antibiotic stewardship programs: A survey of the tertiary care hospitals in Punjab, Pakistan. *Antibiotics*, 10(906), 1-14. [Impact Factor=4.639].
39. Khalid, A., Farid, G., & Mahmood, K. (2021). Sustainable development challenges in libraries: A systematic literature review 2000 to 2020. *The Journal of Academic Librarianship*, 47(3). [USA]. [Impact Factor=1.235].
40. Hussain, T., Batool, S. H., Malik, A., Hussain, S. W., & Mahmood, K. (2021). Information sources, practices and barriers: A situated and context bound model of Pakistani electronic media reporters. *Online Information Review*, 45(5), 879-897. [UK]. [Impact Factor=1.805].
41. Islam, T., Khan, M. M., Ahmed, I., & Mahmood, K. (2021). Promoting in-role and extra-role green behavior through ethical leadership: Mediating role of green HRM and moderating role of individual green values. *International Journal of Manpower*, 42(6), 1102-1123. [UK]. [Impact Factor=0.953].
42. Siddique, N., Ullah, F., Mahmood, K., & Khan, M. A. (2021). Professional networking with emailing groups: A case of Pakistan Library Automation Group. *Journal of Librarianship and Information Science*, 53(3), 499-509. [UK]. [Impact Factor=1.992].
43. Mushtaq, S., Soroya, S., & Mahmood, K. (2021). Reading habits of Generation Z students in Pakistan: Is it the time to re-examine the school library services? *Information Development*, 37(3), 389-401. [UK]. [Impact Factor=1.440].
44. Liaqat, F., Mahmood, K., & Ali, F. (2021). Demographic and socio-economic differences in financial information literacy among university students. *Information Development*, 37(3), 376-388. [UK]. [Impact Factor=1.440].
45. Soroya, S., Iqbal, M. Y., Soroya, M. S., & Mahmood, K. (2021). Predictors of information literacy self-efficacy among medical students: PLS-SEM analysis. *Library Hi Tech*, 39(2), 670-689. [UK]. [Impact Factor=1.256].
46. Rafique, G. M., Mahmood, K., Warraich, N. F., & Rehman, S. U. (2021). Readiness for online learning during COVID-19 pandemic: A survey of Pakistani LIS students. *The Journal of Academic Librarianship*, 47(3). [USA]. [Impact Factor=1.235].
47. Sharif, A., Soroya, S. H., Ahmad, S., & Mahmood, K. (2021). Antecedents of self-disclosure on Social Networking Sites (SNSs): A study of Facebook users. *Sustainability*, 13(3), 1-21. [Switzerland]. [Impact Factor=2.576].
48. Islam, T., Ahmad, S., Kaleem, A., & Mahmood, K. (2021). Abusive supervision and knowledge sharing: Moderating roles of Islamic work ethic and learning goal orientation. *Management Decision*, 59(2), 205-222. [UK]. [Impact Factor=1.963].
49. Soroya, S. H., Farooq, A., Mahmood, K., Isoaho, J., & Zara, S. (2021). From information seeking to information avoidance: Understanding the health information behavior during a global health crisis. *Information Processing & Management*, 58(2). [USA]. [Impact Factor=4.787].
50. Islam, T., Mahmood, K., Sadiq, M., Usman, B., & Yousaf, S. U. (2020). Understanding knowledgeable workers' behavior toward COVID-19 information sharing through WhatsApp in Pakistan. *Frontiers in Psychology*. [Switzerland]. [Impact Factor=2.067].
51. Javaid, J., Soroya, S., Mahmood, K. (2020). Impact of personal and organizational factors on knowledge sharing attitude of university teachers in Pakistan. *The Electronic Library*, 38(2), 317-336. [UK]. [Impact Factor=0.886].
52. Iqbal, H. M., Mahmood, K., & Iqbal, S. A. (2018). Factors contributing towards research productivity and visibility: A case study of Pakistan. *Libri: International Journal of Libraries and Information Studies*, 68(2), 85-98. [Germany]. [Impact Factor=0.553].
53. Marei, H. F., Mahmood, K., & Almas, K. (2018). Critical size defects for bone regeneration experiments in dog mandible: Systematic review. *Implant Dentistry*, 27(1), 135-141. [USA]. [Impact Factor=1.214].
54. Khan, A., Masrek, M. N., Mahmood, K., & Qutab, S. (2017). Factors influencing the adoption of digital reference service among university librarians in Pakistan. *The Electronic Library*, 35(6), 1225-1246. [UK]. [Impact Factor=0.886].

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### **Research Papers in National Journals**

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222. Sharif, A., & Mahmood, K. (2006). A citation analysis of Pakistan Economic and Social Review. *Research Journal: Social Sciences*, 1(4), 1-12. [Karachi].
223. Mahmood, K. (2004). Libraries and promotion of reading habits in the digital age. *Pakistan Library and Information Science Journal*, 35(3), 18-24. [Karachi].
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235. Mahmood, K. (1996). Scientific management: Introduction and application in libraries (Urdu). *Pakistani Librarian*, 2, 16-26. [Lahore].
236. Mahmood, K. (1996). Postgraduate library management course. *PULSAA News*, 8(1-4), 27-30. [Lahore].
237. Mahmood, K. (1996). Information technology in library schools: A case study of the University of the Punjab. *Pakistan Library Association Journal*, No. 17, 7-15. [Islamabad].
238. Mahmood, K. (1995). IFLA: A struggle for international library co-operation (Urdu). *Pakistan Library Association Journal*, No. 16, 1-18. [Islamabad].
239. Mahmood, K. (1995). CD-ROM and libraries (Urdu). *Pakistani Librarian*, 1, 44-47. [Lahore].
240. Mahmood, K. (1993). Micro CDS/ISIS: What's new in version 3.0. *Pakistan Library Bulletin*, 24(4), 17-26. [Karachi].
241. Mahmood, K. (1993). Let's save our cultural heritage: An introduction to library security system. *Pakistan Library Association Journal*, No. 14, 48-63. [Islamabad].

### **Books**

1. Hussain, A., & Mahmood, K. (2012). *Digital libraries: Perception of LIS professionals in Pakistan*. Saarbrücken, Germany: LAMBERT Academic Publishing.
2. Mahmood, K. (2011). *Impact of Web 2.0 technologies on US academic libraries: A study of ARL libraries*. Saarbrücken, Germany: LAMBERT Academic Publishing.
3. Mahmood, K. (2009). *Alternative funding model for libraries: A Pakistani perspective*. Saarbrücken, Germany: VDM Publishing. [Local edition published by Pakistan Library Automation Group, Lahore].
4. Fatima, N., & Mahmood, K., & Hashmi, N. H. (2004). *Library and information science research in Pakistani universities*. Karachi : Pakistan Bibliographical Organization.
5. Samdani, R. A., & Mahmood, K. (2003). *An on-line index of Pakistan Library Bulletin: Volume 1 to 33 (1968 to 2002)*. Karachi : Library Promotion Bureau. [Web version]
6. Samdani, R. A., & Mahmood, K. (1999). *Periodical literature in library and information science: An index of 50 years' work in Pakistan*. Karachi : Pakistan Bibliographical Working Group.
7. Mahmood, K. (1998). *Information technology in libraries: A Pakistani perspective*. Lahore: Pak Book Corporation.

### **Book Chapters**

8. Mahmood, K., & Malik, A. (2025). Master's degrees; doctoral degrees; postdoctoral education and communities. In D. Baker, & L. Ellis (Eds.), *Encyclopedia of libraries, librarianship, and information science* (vol. 3, pp. 621-625). Academic Press.
9. Kousar, M., & Mahmood, K. (2013). Information literacy skills assessment of undergraduate engineering students. In S. Kurbanoğlu et al. (Eds.), *Worldwide commonalities and challenges in information literacy research and practice* (pp. 471-477). Springer International Publishing.
10. Ullah, M., & Mahmood, K. (2012). Pakistan Library and Information Council: A proposal. In A. Tella & A. O. Issa (Eds.), *Library and information science in developing countries: Contemporary issues* (pp. 11-31). Hershey, PA: IGI Global. [USA].

## **RESEARCH/ PROFESSIONAL PROJECTS**

1. Knowledge sharing through social media: Practices and perceptions of Pakistani librarians. Ongoing project funded by University of the Punjab.
2. Development of a modern library at Punjab Local Government Academy, Lalamusa. Funded by CIDA.
3. Analysis of libraries and sources of information in Pakistan. Funded by Goethe Institute.
4. Alternative funding model for libraries in Pakistan. Funded by University of the Punjab.
5. Development of "Iqbal Thesaurus." Funded by Iqbal Academy Pakistan.
6. Library automation at UNICEF Lahore Office.
7. Library automation at Punjab Provincial Assembly.
8. Library automation at Iqbal Academy Pakistan.

## **CONFERENCES / SEMINARS / WORKSHOPS**

### **International**

1. Organized as the Chief Patron the "PLA Punjab International Conference on Post-Pandemic Era: Sustainable Development of LIS Profession," Lahore, Nov. 2-4, 2022.
2. Chaired a session in the "2nd International Virtual Conference on Transformation of Knowledge Repository into Knowledge-Economy, ICKE22" organized by Pakistan Librarians Welfare Organization (PLWO), Sept. 15-16, 2022.
3. Participated as a resource person in the International Online Workshop on "Publishing Impactful Research" organized by ASIS&T, Jun. 10, 2022.
4. Organized an International Media Conference on "Balancing the Expression: Exploring Antagonism in World Media Ecosystem" organized by University of the Punjab and Lahore Garrison University, Lahore, June 8-9, 2022.
5. Presented a keynote speech on "Role of Social Networking in Professional Development of Librarians: Cases from Developing Countries" in the 24-Hour Global Conference organized by ASIS&T, Apr. 26-27, 2022.
6. Presented a keynote speech in the International Conference on "Recent Trends in Academic Research" organized by Khushal Khan Khattak University, Karak, Mar. 15-17, 2022.
7. Presented paper in the International Conference on "Re-imagining the Silk Road: Pakistan and Kyrgyzstan in the age of connectivity" organized by Lahore Center for Peace Research, Bishkek, Kyrgyzstan, Dec. 10-11, 2020.
8. Conducted many workshops on "Information literacy skills" and "Research methods" for faculty of the University of Dammam, KSA as Head, ILRC, Sept. 2013 to Jun. 2016.
9. Participated in "iConference," Seattle, USA, Feb. 8-11, 2011.
10. Participated in "Competitiveness & Innovation: Annual Conference of Association for Library and Information Science Education (ALISE)," San Diego, USA, Jan. 4-7, 2011.
11. Completed online courses on "Human Research - Social & Behavioral Researchers & Staff" and "Social and Behavioral Responsible Conduct of Research" offered by Collaborative Institutional Training Initiative (CITI), University of Miami, USA, Aug.-Nov., 2010.
12. Presented paper in the International Seminar on "Multipurpose Community Telecenters" organized by Nepal Library Association, Kathmandu, Nepal, Jan. 15-16, 2004.
13. Participated in the Annual General Conference of International Federation of Library Associations and Institutions (IFLA), Berlin, Germany, Aug. 1-10, 2003.
14. Presented paper in the International Conference for Library & Information Science Educators in the Asia Pacific Region, Selangor, Malaysia, Jun. 11-12, 2001.
15. Presented paper in the Workshop on "Winisis: CDS/ISIS Windows Version, Manchester, UK, Jun. 18, 1996.
16. Presented paper in the Meeting of Dutch Group of CDS/ISIS Users, Hague, Netherlands, Jun. 10, 1996.

### **National**

1. Participated as a resource person in the "Research Workshop" organized by Idara Ma'arif-e-Islami, Lahore, Dec. 25, 2022.
2. Participated in the workshop on "Maritime Security and Blue Economy" organized by the Pakistan Navy War College, Lahore, Dec. 7-15, 2022.
3. Participated as the guest of honor in the "2nd National Conference on Research in Education" organized by Institute of Education & Research, University of the Punjab, Lahore, Oct. 4-5, 2022.
4. Participated as a resource person in the workshop on "How to Become an Internet Search Specialist" organized by Punjab University Librarians' Organization, Lahore, Aug. 24, 2022.
5. Participated as a resource person in the workshop on "Project Writing and Publishing" organized by Shalamar Medical & Dental College, Lahore, Aug. 23, 2022.



6. Participated as a panelist in the “Dialogue on Teacher Training” organized by the Qasim Ali Shah Foundation, Lahore, Jul. 7, 2022.
7. Participated as a resource person in the workshop on “Information Management” organized by Superior University, Lahore, Jun. 20, 2022.
8. Participated as a panelist in the 3rd National Postgraduate Research Conference on Education, organized by University of Management and Technology, Jun. 15, 2022.
9. Participated as a resource person in the workshop on “QS University Ranking System” organized by University of Poonch, Rawlakot, AJK, Jun. 6-9, 2022.
10. Participated as a resource person in the workshop on “Writing and Publishing Research Papers” Organized by Sialkot Medical College, Sialkot, Jun. 3, 2022.
11. Participated as a resource person in the online workshop on “How to Get Published” organized by Lincoln Corners Pakistan, May 26, 2022.
12. Participated as a resource person in the workshop on “QS University Subject Ranking” organized by Faculty of Oriental Learning, University of the Punjab, May 12, 2022.
13. Participated as a resource person in the National Conference on “Digital Resources and Research Writing in Health Science: Role of Medical Librarian” organized by Pakistan Medical Library Association and BMJ Publishers, Lahore, Mar. 30, 2022.
14. Participated as a resource person in Human Book Program organized by Chughtai Public Library, Lahore, Mar. 26, 2022.
15. Organized as Patron-in-chief in the conference on “Emerging Issues in Libraries and Information Management” organized by Institute of Information Management, University of the Punjab, Lahore, Mar. 24, 2022.
16. Chaired a panel discussion in the National Conference on Education organized by the University of Lahore, Lahore, Mar. 21-22, 2022.
17. Presented a presentation on “University Ranking Systems” in a workshop organized by the Quality enhancement Cell, University of the Punjab, Lahore, Mar. 3, 2022.
18. Participated as a resource person in in pre-conference workshop on “Boost Your Publications through PubMed and Google Scholar” organized by Shalamar Medical and Dental College, Lahore, Jan. 20, 2022.
19. Participated as a resource person in the workshop on “Writing research questions, hypothesis, objectives & title for a research proposal” organized by Fatima Jinnah Medical University, Lahore, Dec. 28, 2021.
20. Participated in a panel discussion on “Radicalization of youth: Challenge for Pakistani universities” organized by University of Okara, Lahore, Dec. 20, 2021.
21. Organized as the Conference Chair, an International Conference Kohacon 2021, organized by the Pakistan Koha Community, Islamabad, Dec. 13-18, 2021.
22. Delivered a lecture on “Literature review in Islamic studies” organized by the University of Management & Technology, Lahore, Dec. 13, 2021.
23. Participated as resource person in a workshop on “Data analysis using SPSS” organized by Faculty of Media and Communication Studies, University of Central Punjab, Lahore, Dec. 11, 2021.
24. Delivered a lecture in a seminar on “Challenges of QS ranking for the emerging universities: Case of Okara University” organized by the University of Okara, Okara, Dec. 8, 2021.
25. Participated as resource person in a pre-conference workshop on “Research culture in Pakistani universities: Issues and solutions” organized by Hailey College of Commerce, University of the Punjab, Lahore, Nov. 25, 2021.
26. Participated as resource person in a workshop on “Research skills” organized by the Institute of Administrative Sciences, University of the Punjab, Lahore, Nov. 23-26.
27. Delivered a lecture on “Research article writing and publishing” in a workshop organized by Institute of Islamic Studies, University of the Punjab, Lahore, Nov. 10, 2021.
28. Delivered a lecture in a pre-conference workshop on “Interdisciplinary methodological practices in social sciences” organized by Islamia University of Bahawalpur, Nov. 8, 2021.
29. Delivered 24 lectures in a series of workshops for college faculty organized by Punjab Higher Education Commission, Lahore, Jul. to Oct. 2021.
30. Delivered a lecture in a Webinar on “Making Google Scholar profile” organized by National University of Science and Technology, Islamabad, Sep. 13, 2021.
31. Delivered a lecture on “How to write a journal article” in a faculty development program organized by University of Okara, Okara, Aug. 23, 2021.
32. Delivered a lecture on “Research culture in present era” in a workshop organized by Research & Development Committee, Foreign Affairs Division, Jamaat e Islami Pakistan, Lahore, Aug. 22, 2021.

33. Delivered a lecture “Research paradigms” in National Conference on Higher Education, organized by Tanzeem e Asateza Pakistan, Kahnsapur, Aug. 14, 2021.
34. Delivered a lecture on “How to strengthen a culture of research and publishing in a university” organized by University of Management and Technology, Lahore, Jul. 29, 2021.
35. Delivered keynote speech in International Symposium on “Infodemic management,” organized by the Department of Library and Information Science, Islamia University of Bahawalpur, Bahawalpur, June 26, 2021.
36. Delivered a lecture on “QS subject ranking” organized by School of Communication Studies, University of the Punjab, Lahore, June 16, 2021.
37. Delivered a lecture on “Research proposal in Islamic studies” in a workshop organized by Department of Islamic Studies, Bahauddin Zakariya University, Multan, June 3, 2021.
38. Delivered three lectures on “How to prepare yourself for test and interview for the post of librarian” in a lecture series organized by Pakistan Library Association, Punjab, May 2021.
39. Delivered a lecture on “Literature review in a research proposal” in a workshop organized by Department of Sociology, Bahauddin Zakariya University, Multan, May 31, 2021.
40. Delivered a lecture on “Importance of literature review” in International Workshop organized by the Publication Society, Islamia University of Bahawalpur, Bahawalpur, May 24, 2021.
41. Delivered a lecture on “Virtues of reading” organized by University of Home Economics, Lahore, Apr. 23, 2021.
42. Delivered a lecture on “Reading for pleasure” organized by University of Okara, Okara, Apr. 23, 2021.
43. Delivered a lecture on “Readers are leaders” organized by Khushal Khan Khattak University, Karak, Apr. 22, 2021.
44. Lecture delivered on “Causes of declining reading habits” organized by Government College University, Lahore, Apr. 3, 2021.
45. Delivered a lecture on “Targeting YouTube generation: Libraries’ role beyond COVID-19” in an international Webinar, organized by ASIS&T South Asia Chapter, Mar. 26, 2021.
46. Delivered a lecture on “Citations in Harvard, MLA and Chicago styles” in faculty development program, organized by Quality Enhancement Cell, University of the Punjab, Lahore, Feb. 13, 2021.
47. Delivered a lecture on “Systematic review” in a Webinar organized by Shalimar Medical and Dental College, Lahore, Jan. 28, 2021.
48. Delivered a lecture on “How to publish your research” in a faculty training program organized by University of Jhang, Jhang, Jan. 18, 2021.
49. Chaired a session at Online National Conference on "Quality Assurance in Higher Education Institutions: Challenges and Reforms" organized by Quality Enhancement Cell, University of the Punjab, Lahore, Dec. 30, 2020.
50. Participated as a resource person in a Webinar on “How to publish your research in quality journals?” organized by University of Education, Lahore, Dec. 16, 2020.
51. Participated as a resource person in the Webinar on “How to prepare for interview” organized by Pakistan Librarians Welfare Organization, Lahore, Dec. 6, 2020.
52. Participated in the “International Conference of Business and Commerce” organized by Hailey College of Commerce, University of the Punjab, Lahore, Nov. 24-25, 2020.
53. Participated as resource person and gave two lectures in a faculty development program organized by University of Okara, Okara, Sep. 11, 2020.
54. Gave a presentation in the International Webinar on “Role of library in Covid-19 pandemic” organized by Pakistan Librarians Welfare Organization, Lahore, Jun. 13, 2020.
55. Participated in the 2nd International Conference on “Emerging Issues in Information Landscape” organized by University of Sargodha, Apr. 20-21, 2020.
56. Attended workshop on SPSS organized by Institute of Business Administration, University of the Punjab, Lahore, Mar. 7, 2020.
57. Participated as resource person in a workshop on “Research Methodology” organized by Department of Economics, University of the Punjab, Mar. 5, 2020.
58. Participated as resource person in a workshop on “Systematic Literature Review” organized by University of Sargodha, Sargodha, Feb. 3, 2020.
59. Participated as resource person in the workshop on “Systematic review” organized by Shalimar Medical & Dental College, Lahore, Jan. 27, 2020.
60. Participated as resource person in the workshop on “Research Proposal Writing” organized by University of Management & Technology, Lahore, Jan. 18, 2020.
61. Participated as resource person in the workshop on “Literature review and research publishing” organized by Department of Special Education, University of the Punjab, Lahore, Jan. 13, 2020.

62. Participated as resource person in the workshop on “Systematic Literature Review” organized by University of Management & Technology, Lahore, Dec. 14, 2019.
63. Presented a book review on “Designing and conducting mixed methods research” at Punjab University Library Book Club, Lahore, Oct. 23, 2019.
64. Chaired a session at the International Conference on “Transformation of Knowledge Repository into Knowledge Economy,” organized by Minhaj University Lahore (MUL) and Pakistan Librarians Welfare Organization (PLWO), Lahore, Sep. 19-20, 2019.
65. Participated as resource person in the workshop on “How to publish your research” organized by Office of Research Innovation & Commercialization (ORIC), University of the Punjab, Lahore, Aug. 22, 2019.
66. Participated as resource person in the workshop on “Qualitative Research Essentials” organized by Department of Information Management, University of the Punjab, Lahore, Jul. 30-31, 2019.
67. Participated as resource person in the workshop on “Data Analysis Through AMOS” organized by Department of Information Management, University of the Punjab, Lahore, Jul. 24, 2019.
68. Participated as resource person in a workshop on “Skill Building of Library Leaders,” organized by University of Peshawar, Baragali Campus, Jul. 5-7, 2019.
69. Participated as resource person in the workshop on “Data analysis through SPSS” organized by Department of Information Management, University of the Punjab, Lahore, Mar. 28-29, 2019.
70. Participated as resource person in the workshop on “Systematic review” organized by Shalamar Medical & Dental College, Lahore, Feb. 1, 2019.
71. Participated as resource person in a workshop on “Academic librarians of future” organized by Riphah International University, Islamabad, Jan. 18, 2019.
72. Delivered a lecture on “Literature review” at a research workshop organized by Department of Economics, University of the Punjab, Lahore, Jan. 1, 2019.
73. Organized as co-chair the 2nd International Conference on Information Management & Libraries (ICIML2), organized by Department of Information Management, University of the Punjab, Lahore, Oct. 10-12, 2018.
74. Participated as resource person in the Faculty Development Workshop organized by University of Central Punjab, Lahore, Sep. 11, 2018.
75. Participated as resource person in the Faculty Development Workshop organized by University of the Punjab, Lahore, Sep. 6, 2018.
76. Participated as resource person in a workshop on “Koha: Integrated library system,” organized by Department of Information Management, University of the Punjab, Lahore, Aug. 30-31, 2018.
77. Participated as the Chief Guest in an International Conference organized by Pakistan Library Club, Karachi, Aug. 2-4, 2018.
78. Participated as resource person in a workshop on “SPSS software,” organized by University of Peshawar, Baragali Campus, Jul. 20, 2018.
79. Participated as resource person in a workshop on “Knowledge management at Riphah libraries: Procedures, practices and change management,” organized by Riphah International University, Islamabad, Jul. 19, 2018.
80. Participated as resource person in a workshop on “Global vision for libraries,” organized by National Library of Pakistan, Islamabad, Jul. 9, 2018.
81. Participated as resource person in a workshop on “Resource sharing, networking and consortium,” organized by COMSATS University Islamabad Lahore Campus and Pakistan Scientific and Technological Information Center (PASTIC), Jun. 28, 2018.
82. Participated as resource person in a workshop on “Library automation and system management,” organized by Punjab Higher Education Commission, Lahore, Apr. 26, 2018.
83. Participated as resource person in a workshop on “SPSS software,” organized by Lahore Medical & Dental College, Apr. 9, 2018.
84. Participated as resource person in a workshop on “Quantitative research process,” organized by University of Management & Technology, Apr. 10, 2018.
85. Participated as resource person in a workshop on “Integrated library systems and open repositories: Challenges for library professionals,” organized by University of Education, Lahore, Mar. 26, 2018.
86. Participated as resource person in a workshop on “SPSS software,” organized by Lahore Medical & Dental College, Feb. 12, 2018.
87. Participated as resource person in a workshop on “Qualitative data analysis” organized by Institute of Research Promotion, Lahore, Feb. 8-9, 2018.
88. Delivered a lecture in a workshop on “Literature search, citation management and how to write and publish a research paper” organized by Shalamar Medical & Dental College, Lahore, Feb. 1, 2018.

89. Participated as resource person in a workshop on “Systematic literature review” organized by University of Gujrat, Dec. 15, 2017.
90. Organized and delivered a lecture in a workshop on “The science & art of literature review in research,” organized by Department of Information Management, University of the Punjab, Lahore, Dec. 13-14, 2017.
91. Participated as resource person in a workshop on “Writing research proposal” organized by University of Central Punjab, Lahore, Nov. 23, 2017.
92. Participated as resource person in a seminar on “How to hunt a good job” organized by Pakistan Librarians Welfare Organization, Lahore, Nov. 11, 2017.
93. Participated as resource person in a workshop on “Literature review” organized by Bahauddin Zakarya University, Multan, Nov. 8, 2017.
94. Participated as resource person in a workshop on “Research proposal and thesis writing” organized by Institute of Research Promotion, Lahore, Nov. 23-24, 2017.
95. Delivered a lecture on “Information management” at a colloquium organized by Lahore College for Women University, Lahore, Oct. 27, 2017.
96. Chaired a session at International Conference on Inclusive Education, organized by University of Management & Technology, Lahore, Oct. 24-25, 2017.
97. Delivered a lecture in a seminar on “Book and development” organized by Read & Write Pakistan and University of Health Sciences, Lahore, Oct. 7, 2017.
98. Delivered two lectures on “Measuring and scaling quantitative data” and “Writing an effective research proposal” organized by Kinnaird College, Lahore, Sept. 22, 2017.
99. Delivered two lectures on “Searching and finding literature in health sciences” and “Literature review in medical research” organized by Institute of Public Health, Lahore, Sept. 16, 2017.
100. Delivered a lecture on “How to publish your research” in a faculty training program organized by University of Central Punjab, Lahore, Sept. 14, 2017.
101. Delivered a lecture on “Literature review in research proposal” in a workshop organized by Department of Information Management, University of the Punjab and Punjab Higher Education Commission, Lahore, Sept. 12, 2017.
102. Participated as resource person in the faculty training program organized by University of Education, Lahore, Aug. 22-28, 2017. Delivered five lectures on research methods.
103. Participated as resource person in the online workshop on “Mixed Methods Research” organized by Institute of Research Promotion, Lahore, May 18-19, 2017.
104. Presented a seminar on “Selecting and Developing Scales” organized by University of Education, Lahore, Apr., 13, 2017.
105. Participated as resource person in the workshop on “Easy Systematic Literature Review” organized by Institute of Research Promotion and University of Management & Technology, Lahore, Mar. 16-17, 2017.
106. Presented a seminar on “Role of Information Professionals in Promoting Research Culture in Universities” organized by Riphah International University, Islamabad, Mar., 10, 2017.
107. Presented a seminar on “Systematic Literature Review” organized by Pakistan Librarians Welfare Organization and University of Health Sciences, Lahore, Jan. 28, 2017.
108. Presented a seminar on “Using Literature Systematically as a Research Tool” organized by Allama Iqbal Open University, Islamabad, Jan. 17, 2017.
109. Presented a seminar on “Systematic Literature Review: a Research Tool” organized by Pakistan Librarians Welfare Organization and National Library of Pakistan, Islamabad, Jan. 16, 2017.
110. Participated as resource person in the workshop on “Research Methodologies with Special Focus on Statistical Tools and Data Analysis” organized by School of Media & Communication Studies, University of Central Punjab, Lahore, Jan. 2-6, 2017.
111. Presented a seminar on “How to Publish Your Research” organized by University of Education, Lahore, Dec. 31, 2016.
112. Chaired a session in “Conference on Odyssey from C-tablets to E-tablets and Beyond,” organized by Pakistan Library Association, Islamabad, Sept. 5-6, 2016.
113. Participated as resource person in the workshop on “Be a Skilled Researcher” organized by COMSATS Institute of Information Technology, Lahore, Aug. 11, 2016.
114. Presented a seminar on “How to Write and Publish a Research Paper” organized by Department of Special Education, University of the Punjab, Lahore, Aug. 20, 2015.
115. Presented a seminar on “Effective Literature Review in Research” organized by Punjab Economic Research Institute, Lahore, Aug. 19, 2015.
116. Presented a seminar on “How to Write a Research Article” organized by University Health Sciences, Lahore, Aug. 17, 2015.

117. Participated as resource person in the workshop on “Quantitative Data Analysis in SPSS” organized by Quaid-e-Azam Library and Pakistan Librarians Welfare Organization, Lahore, Aug. 15, 2015.
118. Presented a seminar on “How to Write a Journal Article” organized by Information Technology University, Lahore, Aug. 13, 2015.
119. Presented a seminar on “Developing Effective Research Proposal” organized by University of Management & Technology, Lahore, Aug. 12, 2015.
120. Participated as resource person in the workshop on “Publishing Your Research” organized by University of Management & Technology, Lahore, Oct. 13, 2014.
121. Presented a seminar on “Innovations in Saudi university libraries: An insider’s view” organized by Pakistan Library Automation Group, Pakistan Librarians Welfare Organization and Quaid-e-Azam Library, Lahore, Jun. 25, 2014.
122. Participated as resource person in a workshop on “Writing a research proposal” organized by Institute of Communication Studies, University of the Punjab, Lahore, Sep. 9-10, 2013.
123. Presented two papers and chaired two sessions at 8th National LIS Conference on “Emerging Trends in Library and Information Science” organized by Department of Library and Information Science, University of Peshawar, Baragali, Jul. 5-7, 2013.
124. Participated as resource person in QEC Research Boot Camp organized by the University of Lahore in collaboration with Institute of Research Promotion, Lahore, Jul. 1-4, 2013.
125. Participated as resource person in an international online workshop on “Literature Searching, Developing Literature Review and Data Analysis for Researchers” organized by Research Center for Training & Development, Lahore, Jun. 26-27, 2013.
126. Participated as resource person in an international online workshop on “Mixed Methods Research” organized by Institute of Research Promotion, Lahore, May 3-4, 2013.
127. Participated as resource person in a workshop on “Mastering Web Searching Skill and Research Ethics (Plagiarism)” organized by Punjab University Library and Information Science Alumni Association (PULISAA) and Hailey College of Commerce, Lahore, Feb. 9, 2013.
128. Participated as resource person in a workshop on “Research Methodology – APA Style” organized by Center for South Asian Studies and Department of Political Science, University of the Punjab, Lahore, Jan. 28, 2013.
129. Participated as resource person in a national workshop on “Literature Review – Made Easy” organized by Institute of Research Promotion and University of Management & Technology, Lahore, Dec. 14-15, 2012.
130. Participated as resource person in an international online workshop on “Literature Review – Made Easy” organized by Institute of Research Promotion, Lahore, Dec. 7-8, 2012.
131. Delivered key note address at the national conference on “Career Development of LIS Professionals and Overall Improvement of Libraries in Pakistan” organized by Pakistan Library Association (Federal Branch) and Department of Libraries, Islamabad, Nov. 12-14, 2012.
132. Participated as resource person in a workshop on “Managing Qualitative Research” organized by Institute of Research Promotion and University of Management & Technology, Lahore, Oct. 12-13, 2012.
133. Participated as resource person in an international online workshop on “Managing Qualitative Research” organized by Institute of Research Promotion, Lahore, Oct. 5-6, 2012.
134. Participated as resource person in a workshop on “Research Ethics, EndNote and Turnitin” organized by Department of Library and Information Science, University of the Punjab, Lahore, Oct. 2-3, 2012.
135. Participated as resource person in a workshop on “Research Ethics, EndNote and Turnitin” organized by Department of Library and Information Science, University of the Punjab, Lahore, Sep. 25-26, 2012.
136. Participated as resource person in a seminar on “Writing a Research Proposal” organized by Department of Library and Information Science, University of the Punjab, Lahore, Sep. 12, 2012.
137. Presented a paper and chaired three sessions at 7th National LIS Conference on “Information Resources and Services in the 21st Century” organized by Department of Library and Information Science and Central Library, University of Peshawar, Baragali, Jul. 17-19, 2012.
138. Delivered a lecture on “LIS Research in Pakistan: Problems and Prospects” organized by Islamia University Library and Information Science Alumni Association (IULISAA), Islamabad, Jun. 13, 2012.
139. Participated as resource person in an international online workshop on “Publishing Your Research” organized by Institute of Research Promotion, Lahore, May 26, 2012.
140. Participated as resource person in an international online workshop on “Mastering Scale Development and Reliability and Validity of Scale” organized by Research Center for Training & Development, Lahore, May 19, 2012.

141. Participated as resource person in an international online workshop on “Mastering Survey Methodology” organized by Research Center for Training & Development, Lahore, April 28, 2012.
142. Participated as resource person in the workshop on “Developing Master Trainers for HEC-National Digital Library” organized by Department of Library and Information Science, University of the Punjab, Lahore, Apr. 4-5, 2012.
143. Participated as resource person in the workshop on “Publishing Your Research” organized by University of Management & Technology and Institute of Research Promotion, Lahore, Mar. 31, 2012.
144. Participated as resource person in an international online workshop on “Mastering Dissertation/Thesis/Paper Writing” organized by Research Center for Training & Development, Lahore, Mar. 24, 2012.
145. Participated as resource person in the “National Workshop on Library Automation Package Koha” organized by Pakistan Scientific & Technological Information Centre (PASTIC), Islamabad, Feb. 20-24, 2012.
146. Participated in the workshop on “Digital Assets Management” organized by Department of Library and Information Science, University of the Punjab, Lahore, Jan. 18, 2012.
147. Participated as resource person in the workshop on “Managing Information” organized by Faculty of Behavioral & Social Sciences, University of the Punjab, Lahore, Jan. 13-14, 2012.
148. Participated as resource person in the workshop on “Developing Academic Librarians as Knowledge Workers” organized by Department of Library and Information Science, University of the Punjab, Lahore, July 26-28, 2011.
149. Organized and participated as resource person in the workshop on “Managing References Electronically: EndNote software” arranged by Department of Library and Information Science, University of the Punjab, Lahore, July 19, 2011.
150. Organized and delivered a lecture in the seminar on “National Agenda for Research in Library and Information Science” arranged by Department of Library and Information Science, University of the Punjab, Lahore, July 9, 2011.
151. Participated as resource person in the workshop on “PakLAG KOHA with DSpace” organized by Pakistan Library Automation Group, Islamabad, Jun. 27-29, 2011.
152. Participated as resource person in the seminar on “Information Literacy in Academic Libraries” organized by Pakistan Library Automation Group and Department of Library and Information Science, University of the Punjab, Lahore, May 27, 2011.
153. Delivered a lecture at the seminar on “World Book & Copyright Day” organized by Pakistan Library Association, Pakistan Librarians Welfare Organization and Allama Iqbal Open University, Lahore, Apr. 23, 2011.
154. Participated as resource person in the workshop on “Publishing Your Research” organized by Beaconhouse National University and Institute of Research Promotion, Lahore, Apr. 2, 2011.
155. Delivered a lecture on “Myths and realities of LIS profession in the United States” organized by Air University and Pakistan Library Automation Group, Islamabad, Mar. 29, 2011.
156. Delivered a lecture at the seminar on “Status of librarianship in the United States” organized by Pakistan Library Association, Lahore, Mar. 26, 2011.
157. Participated as resource person in the workshop on “ICT Training Needs for Librarians” organized by PULISAA, Lahore, May 8, 2010.
158. Participated as resource person in the workshop on “Optimizing Use of Online Resources” organized by COMSATS and Institute of Research Promotion, Lahore, May 7, 2010.
159. Delivered special lectures on “Writing Thesis/Term Paper” organized by Department of Economics, University of the Punjab, Lahore, April 26-27, 2010.
160. Participated as resource person in the workshop on “Planning to Publishing: Integrated Academic Research” organized by Sukkur Institute of Business Administration (IBA) and Institute of Research Promotion, Sukkur, Apr. 19-20, 2010.
161. Participated as resource person in the workshop on “Writing Research Paper” organized by Applied Economics Research Center (AERC), University of Karachi and Institute of Research Promotion, Karachi, Apr. 16-17, 2010.
162. Participated in the Seminar on “Emerging Challenges for Professional Competence” organized by PULISAA, Lahore, Feb. 2, 2010.
163. Participated as resource person in the workshop on “Publishing your Research” organized by COMSATS and Institute of Research Promotion, Lahore, Jan. 28-29, 2010.
164. Participated as resource person in the workshop on “Developing Literature Review” organized by COMSATS and Institute of Research Promotion, Lahore, Jan. 1, 2010.
165. Participated in the workshop on “National Reading Survey” organized by National Book Foundation, Islamabad, Sept. 3, 2009.

166. Participated as resource person in the workshop on “Searching, Recording and Reviewing Literature for Research Writing” organized by Department of Library and Information Science and Institute of Business Administration, University of the Punjab, Lahore, Aug. 5-6, 2009.
167. Presented a paper on “IRP Research Support Programs” at the seminar on “Emerging Trends in Digital World” organized by the University of Management & Technology and Institute of Research Promotion, Lahore, Jul. 18, 2009.
168. Presented paper and chaired a session at “6th Pakistan Library Science Conference,” University of Peshawar, Baragali, Jun. 28-July 2, 2009.
169. Delivered a special lecture on “Librarianship of modern era: Challenges and opportunities” at Department of Library and Information Science, University of Balochistan, Quetta, Jun. 25, 2009.
170. Delivered a special lecture on “EndNote software” to PhD scholars at Institute of Education & Research, University of the Punjab, Lahore, Jun. 19, 2009.
171. Participated as resources person in “Workshop on Research Execution” organized by Institute of Communication Studies, University of the Punjab, Lahore, Jun. 17-18, 2009.
172. Delivered a special lecture on “Using APA style” to PhD scholars at Institute of Education & Research, University of the Punjab, Lahore, Jun. 5, 2009.
173. Participated in “Symposium on Redesigning LIS Education Programs: Possibilities and Prospects” organized by PLA (Federal Branch), Islamabad, May 13, 2009.
174. Presented 9 papers as co-author and chaired a session at “18th Pakistan Library Association Conference on Role of Libraries in Creating a Knowledge Society” Islamabad, May 11-12, 2009.
175. Participated as resources person in “Workshop on Technology Tools for Library Operations, Information Storage and Retrieval” organized by Mehran University of Engineering and Technology, Jamshoro, Sindh, Apr. 13-23, 2009.
176. Organized and delivered a lecture in “3<sup>rd</sup> National Workshop on Koha-ILS” organized by PakLAG and Dept. of LIS, University of the Punjab, Lahore, Aug. 30-31, 2008.
177. Participated as chief guest in the Seminar on “Library Management Software in Pakistan: Options, Issues and Challenges” organized by Pakistan Library Association, Lahore, Aug. 27, 2008
178. Participated in the Seminar on “Library Technologies: a Way Ahead” organized by Pakistan Library Association and 3M Pakistan, Lahore, Aug. 1, 2008.
179. Participated in the “2<sup>nd</sup> National Workshop on Koha-ILS” organized by PakLAG, Islamabad, Jul. 5-6, 2008.
180. Delivered a special lecture on “Information Literacy in Libraries” organized by Special Libraries Association (SLA) Asian Chapter Pakistan, May 26, 2008.
181. Conducted the workshop “How to Build a Digital Library with Greenstone Software” organized by the University of the Punjab, Lahore, Dec. 10, 2007.
182. Presented paper in the workshop on “360° of Research” organized by Institute of Research Promotion, Lahore, Nov. 29 – Dec. 1, 2007.
183. Conducted PLA Golden Jubilee International Conference on “Emerging Paradigm in Librarianship: a Call for Innovation” organized by Pakistan Library Association (Punjab Branch), Lahore, Nov. 28-29, 2007.
184. Chaired two sessions at “17<sup>th</sup> All Pakistan Library Conference on the Role of Libraries in 21<sup>st</sup> Century” organized by the Pakistan Library Association, Islamabad, Mar. 26-28, 2007.
185. Conducted the workshop “Automated Technical Services in Libraries” organized by the University of the Punjab, Lahore, Mar. 16-17, 2007.
186. Conducted the workshop “Marketing of Library and Information Services” organized by the University of the Punjab, Lahore, Feb. 28, 2007.
187. Presented paper in the workshop “ICT Skills for Library Professionals” organized by International Islamic Medical College, Rawalpindi, Dec. 5-6, 2006.
188. Conducted and presented paper in the workshop “Electronic Library Tools” organized by the University of the Punjab, Lahore, Sep. 20-21, 2006.
189. Participated in a panel discussion on “LIS Education in Pakistan” organized by the Department of LIS, University of Karachi, Sep. 18-19, 2006.
190. Presented paper in “Multilingual Library & Information Management System (MLIMS) Training Workshop” organized by the Punjab University Library, Lahore, May 30 – June 2, 2006.
191. Presented paper in the seminar on “Improvement of Standards of Libraries in Pakistan” organized by the Quaid-e-Azam Library, Lahore, May 8, 2006.
192. Conducted the seminar on “Knowledge Management” organized by Punjab University, November 10, 2005.
193. Conducted and presented paper in the course on “Online Information Retrieval” organized by the Higher Education Commission at PU, Lahore, Aug. 29 – Sep. 3, 2005.

194. Conducted and presented paper in “Advanced Library Automation Workshop 2” organized by Punjab University and Pakistan Library Automation Group, July 15-16, 2005.
195. Conducted and presented paper in “Advanced Library Automation Workshop 1” organized by Punjab University and Pakistan Library Automation Group, July 8-9, 2005.
196. Presented paper in the course on “New Trends in Special Education” organized by the Higher Education Commission at PU, Lahore, Jun. 13-18, 2005.
197. Presented paper in the seminar on “World Book and Copyright Day” organized by the American Center, Lahore, Apr. 23, 2005.
198. Presented paper in the national seminar on “Libraries in the 21<sup>st</sup> Century” organized by US Embassy and the National Library of Pakistan, Islamabad, Apr. 19, 2005.
199. Presented paper in the training workshop on “Information Communication Technology Skills” organized by the Punjab University Library, Feb. 22 – Mar. 18, 2005.
200. Conducted and presented paper in the training workshop on “Library Automation of S & T Organizations” organized by Pakistan Scientific and Technological Information Center (PASTIC) and the Punjab University, Dec. 13-16, 2004.
201. Presented paper in the seminar on “Practical Model for Resource Sharing in the Libraries of Lahore” organized by Quaid-e-Azam Library, Lahore, Aug. 24, 2004
202. Conducted and presented paper in the Second Workshop on “Using Style Manual in Research Report” organized by the Department of Library & Information Science and Department of Special Education, PU, May 11, 2004.
203. Conducted and presented paper in the First Workshop on “Using Style Manual in Research Report” organized by the Department of Library & Information Science and Department of Special Education, PU, May 6, 2004.
204. Presented paper in the Seminar on “Library Services in Pakistan” organized by the American Center, Lahore, Apr. 21, 2004.
205. Presented paper in the “Citation and Reference Writing Workshop” organized by the Department of Mass Communication, PU, Apr. 19, 2004.
206. Presented paper in the Seminar on “Librarianship in Europe” organized by Quaid-e-Azam Library, Lahore, Oct. 16, 2003.
207. Presented paper in the Seminar on “Libraries and Promotion of Reading Habits in the Digital Age” organized by Pakistan Library Association and UNESCO, Islamabad, Apr. 24, 2003.
208. Participated in the “Information Technology Workshop” organized by the Human Resource Development Center, PU, Aug. 13 – Sep. 3, 2002.
209. Participated in the Workshop on “Direct Observation as Clinical and Research Method” organized by the Department of Special Education, PU, Apr. 23-24, 2002.
210. Conducted the Workshop on “A Review of Contemporary Research Paradigms” organized by International Institute of Islamic Thought (IIIT), Lahore, Feb. 14-21, 2002.
211. Participated in the Workshop on “Automation and Planning of Academic/Research Libraries” organized by Ministry of Education, Islamabad, Feb. 12-21, 2001.
212. Conducted and presented paper in the Workshop on “Computerized Cataloging with CDS/ISIS for Windows” organized by the Department of Library & Information Science, PU, Aug. 5-10, 2000.
213. Conducted and presented paper in the Workshop on “International Standards for Automated Cataloging” organized by the Department of Library & Information Science, PU, Mar. 24, 2000.
214. Presented paper in the Seminar on “Libraries and Librarianship in Pakistan” organized by Defence Club, Lahore, Feb. 16, 2000.
215. Presented paper in the Seminar on “The Present and Future of LAMP Software in Pakistan” organized by Pakistan Library Association, Karachi, Apr. 8, 2000.
216. Presented paper in the Workshop on “Preparation for Doctoral Research” organized by Guidance Centre for Higher Education, Lahore, Dec. 6-8, 1999.
217. Participated in the Workshop on “ICT Applications for Library & Information Management” organized by Pakistan Science Foundation, Islamabad, Nov. 23-26, 1998.
218. Presented paper in the 16<sup>th</sup> Pakistan Library Association Conference, Islamabad, Nov. 1997.
219. Conducted and presented paper in a Workshop on “Technical Services in Libraries” organized by the Department of Library & Information Science, PU, 1997.
220. Presented paper in the Workshop on “Public library management” organized by Directorate of Public Libraries, Lahore, 1997.
221. Presented paper in the Workshop on “LAMP Software” organized by Pakistan Library Association, Islamabad, 1995.
222. Conducted and presented paper in the Workshop on “Automated Technical Services in Libraries” organized by NLDP, Bahawalpur, May 27-Jun. 8, 1995.



223. Conducted and presented paper in the Workshop on “Automated Technical Services in Libraries” organized by NLDP, Lahore, Jul. 1-13, 1995.
224. Conducted and presented paper in the Workshop on “Advance CDS/ISIS” organized by Pakistan Library Association, Lahore, Apr. 2-13, 1995.
225. Participated in the Workshop on “Advance Cataloging, Classification and Subject Indexing” organized by State Library of New South Wales, Rawalpindi, Mar. 18-30, 1995.
226. Participated in the Workshop on “Database Production and Networking” organized by the National Library of Pakistan, Islamabad, Aug. 27-31, 1995.
227. Conducted and presented paper in the 15<sup>th</sup> Pakistan Library Association Conference, Lahore, Dec. 27-29, 1994.
228. Participated in the Workshop on “Management Information System” organized by Pakistan Institute of Management, Lahore, Oct. 29 – Nov. 1, 1994.
229. Participated in the Workshop on “Planning and Implementation of Automated Library Systems” organized by US Information Services, Lahore, Oct. 2-28, 1993.
230. Participated in the Seminar on “Preservation of Library Materials” organized by the Quaid-e-Azam Library, Lahore, Feb. 21, 1993.
231. Participated in the Seminar on “Improvement of Services in University Libraries” organized by PULO, Lahore, Dec. 14-15, 1992.
232. Participated in the Seminar on “Role of Information in Development” organized by Pakistan Library Association, Lahore, Aug. 22-23, 1992.
233. Participated in the Seminar on “Reference Services – Principles and Practice” organized by Pakistan Library Association, Lahore, Feb. 26, 1992.
234. Participated in the Seminar on “Problems of the Libraries” organized by PULSAA, Lahore, Feb. 18, 1992.
235. Participated in the 14<sup>th</sup> Pakistan Library Association Conference, Karachi, Mar. 7-9, 1991.

Updated: December 28, 2024