

## CURRICULUM VITAE

### Dr. Khalid Mahmood

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Wikipedia article:

[http://en.wikipedia.org/wiki/Khalid\\_Mahmood\\_\(Professor\)](http://en.wikipedia.org/wiki/Khalid_Mahmood_(Professor))



## WORK EXPERIENCE

### Present Assignment

- Professor. Department of Information Management, University of the Punjab. Since 30-10-2005.  
*Courses taught:*  
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 (MLIS); Information Literacy Instruction (MLIS); Library, Information and Society (MLIS); Information Technology Applications (MLIS); Applied Library Automation (MLIS); Management of Libraries and Information Centers (MLIS); Advanced Management Operations (MLIS); Literature of Islam and Pakistan (MLIS)

### Previous

- 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.
- 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 and Department of Economics, University of the Punjab. Taught various courses at PhD, M.Phil. and master 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).
- 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. Senate. Member.
- University of the Punjab Lahore. Academic Council. Member.
- University of the Punjab Lahore. Board of Studies in LIS. Member.
- 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.

## COUNTRIES VISITED

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

## RESEARCH AND PUBLICATIONS

### Editorial Responsibilities

- *Pakistan Journal of Information Management and Libraries*. University of the Punjab. Chief Editor. (2009-2013)
- *Research Journal: Social Sciences*. Pakistan Research Society for Social Sciences. Associate Editor.
- *Information Development*. Sage Publications, USA. Editorial Advisory Board. Member.
- *Library Philosophy and Practice (LPP)*. University of Idaho, USA. Editorial Board. Member.
- *Webology*. University of Tehran. Editorial Advisory Board. Member.
- *Journal of Education and Human Development*. Scientific Journals International. Review Board. Member.
- *Pakistan Library & Information Science Journal*. Library Promotion Bureau. Editorial Advisory Board. Member.
- *International Journal of Information Management Sciences*. Pakistan Librarians Welfare Organization. Editorial Board. Member.

### Research Supervised

#### PhD

1. Kousar, M. Design, implementation and evaluation of an information literacy program for undergraduate engineering students. Work in progress at University of the Punjab.
2. Tariq, M. Availability and use of online information resources by university research students. Work in progress at Hamdard University, Karachi.
3. Siddique, N. (2012). An appraisal of library software used in higher education institutions of Pakistan. Doctoral thesis. University of the Punjab.
4. Naseer, M. M. (2012). Library and information science research in Pakistan: Bibliographic control, bibliometric analysis and issues. Doctoral thesis. University of the Punjab.

5. Mirza, M. S. (2012). Utility of information technology in university libraries in Pakistan. Doctoral thesis. University of the Punjab.
6. Shafique, F. (2011). Model information system for educational administrators in Pakistan. Doctoral thesis. University of the Punjab.

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

1. Hussain, A. (2014). Readiness for resource sharing of major libraries in Lahore. MPhil thesis. Minhaj University.
2. Yousaf, A. (2014). Criteria for promotion of public sector university librarians in the Punjab. MPhil thesis. Minhaj University.
3. Haroon, A. (2014). Information literacy skills of engineering students: A comparison between UET, Lahore and PU, Lahore. MPhil thesis. Minhaj University.
4. Pervin, L. (2013). Relationship between job satisfaction and organizational commitment of female college librarians. M.Phil. thesis. University of the Punjab.
5. Ullah, I. (2013). Relationship between work motivation and job satisfaction of male college librarians. M.Phil. thesis. University of the Punjab.
6. Iram, S. (2012). Reading needs, facilities, and problems of visually impaired people. MPhil thesis. University of the Punjab.
7. Kousar, M. (2011). Perceptions of faculty about information literacy skills of postgraduate engineering students: A study of NUST. MPhil thesis. University of the Punjab.
8. Malik, A. (2011). Readiness for digital reference service (DRS) in university libraries. MPhil thesis. University of the Punjab.
9. Iqbal, A. (2010). Information needs and information seeking behavior of medical researchers in Pakistan. MPhil thesis. University of the Punjab.
10. 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.
11. Awan, M. R. (2009). Relationship among leadership style, organizational culture and job commitment of university librarians. MPhil thesis. University of the Punjab.
12. Arif, M. (2008). The role of libraries in distance education: The case of Allama Iqbal Open University. MPhil thesis. University of the Punjab.
13. 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.

#### **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 & 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.

### **Chapters in Books**

8. 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.
9. 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 Papers in International Journals**

10. Shehatta, I., & Mahmood, K. (in press, 2016). Correlation among top 100 universities in the major six global rankings: Policy implications. *Scientometrics*. [USA]. [Impact Factor=2.084].
11. Mahmood, K. (in press, 2016). Do people overestimate their information literacy skills? A systematic review of empirical evidence on 'Dunning-Kruger Effect.' *Communications in Information Literacy (CIL)*, 10(2). [USA].
12. Naseer, M. M., & Mahmood, K. (2016). Ready for e-electioneering? Empirical evidence from Pakistani political parties' websites. *Internet Research*, 26(4), 901-918. [UK]. [Impact Factor=3.017].
13. Shehatta, I., & Mahmood, K. (2016). Research collaboration in Saudi Arabia 1980 - 2014: Bibliometric patterns and national policy to foster research quantity and quality. *Libri: International Journal of Libraries and Information Services*, 66(1), 13-29. [Germany]. [Impact Factor=0.339].
14. Siddique, N., & Mahmood, K. (2016). Combating problems related to library software in higher education institutions of Pakistan: An analysis of focus groups. *Malaysian Journal of Library & Information Science*, 21(1), 35-51. [Malaysia]. [Impact Factor=0.476]
15. Shah, S. R., & Mahmood, K. (2015). Research on knowledge management in Pakistan: A literature review. *Library Philosophy and Practice*, 2015, 1-10. [USA].
16. Siddique, N., & Mahmood, K. (2015). Status of library software in higher education institutions of Pakistan. *International Information & Library Review*, 47(3-4), 59-65. [USA].
17. Kousar, M., Mahmood, K. (2015). Perceptions of faculty about information literacy skills of postgraduate engineering students. *International Information & Library Review*, 47(1-2), 52-57. [USA].
18. Shafique, F., & Mahmood, K. (2015). How do educational administrators in Pakistan seek information? A survey. *Information Development*, 31(2), 101-114. [UK]. [Impact Factor=0.787].
19. Tariq, M., Mahmood, K., & Rehman, H. U. (2015). Use, purpose and usage ranking of online information resources by university research students. Paper presented at the IEEE International Symposium on emerging Trends and Technologies in Library and Information Services, Noida, India, January 6-8.
20. Kousar, M., Mahmood, K. (2014). What are they doing for information literacy skills of their students? Study of pedagogical practices of faculty. Paper presented at the European Conference on Information Literacy (ECIL2014), Dubrovnik, Croatia, October 20-23.
21. Kousar, M., Mahmood, K., & Shafique, F. (2014). Use of social media and Web 2.0 among undergraduates: Exploring the readiness of Pakistani students. Paper presented at the European Conference on Information Literacy (ECIL2014), Dubrovnik, Croatia, October 20-23.
22. Mirza, M. S., & Mahmood, K. (2014). A study of IT infrastructure in Pakistani university libraries. *Library Philosophy and Practice (LPP)*, vol. 2014. [USA].
23. Naseer, M. M., & Mahmood, K. (2014). Subject dispersion of LIS research in Pakistan. *Library & Information Science Research*, 36(2), 114-119. [USA]. [Impact Factor=1.230].
24. Yousaf, A., Mahmood, K., Soroya, M. S. (2014). Promotional avenues for public sector university librarians of Lahore: Experts' views and new proposal. *Asian Journal of Managerial Science*, 3(1), 24-29. [India].
25. Siddique, N., & Mahmood, K. (2014). Library software in Pakistan: A review of literature. *Library Review*, 63(3), 224-240. [UK].
26. Malik, A., & Mahmood, K. (2014). Readiness for digital reference service (DRS) in university libraries: A survey in the Punjab, Pakistan. *Information Development*, 30(2), 181-188. [UK]. [Impact Factor=0.787].

27. Awan, M. R., Mahmood, K., & Idrees, H. (2014). Leadership style, culture and commitment: An analytical study of university libraries in Pakistan. *Library Philosophy and Practice (LPP)*, vol. 2014. [USA].
28. Shafique, F., & Mahmood, K. (2013). Administration of education enterprise and gaps in the provision of needed information: The case of Pakistan. *The Journal of Academic Librarianship*, 39(6), 535-545. [USA]. [Impact Factor=1.150].
29. Shah, S. R., & Mahmood, K. (2013). Empirical results of academic librarians' attitudes toward knowledge management in Pakistan. *Library Management*, 34(8/9), 619-631. [UK].
30. Mahmood, K. (2013). Relationship of students' perceived information literacy skills with personal and academic variables. *Libri: International Journal of Libraries and Information Services*, 63(3), 232-239. [Germany]. [Impact Factor=0.339].
31. Malik, A., & Mahmood, K. (2013). Infrastructure needed for digital reference service (DRS) in university libraries: An exploratory survey in the Punjab, Pakistan. *Library Review*, 62(6/7), 420-428. [UK].
32. Mahmood, K., & Richardson Jr., J. V. (2013). Impact of Web 2.0 technologies on academic libraries: A survey of ARL libraries. *The Electronic Library*, 31(4), 508-520. [UK]. [Impact Factor=0.436].
33. Mirza, M. S., & Mahmood, K. (2013). Impact of IT on human resources of Pakistani university libraries. *Library Philosophy and Practice (LPP)*, vol. 2013. [USA].
34. Shah, S. R., & Mahmood, K. (2013). Knowledge-sharing behavior in dairy sector of Pakistan. *Library Philosophy and Practice (LPP)*, vol. 2013. [USA].
35. Khan, M. T., & Mahmood, K. (2013). A comparison of MLIS curricula taught in Pakistani library and information science schools with Higher Education Commission curriculum. *Library Philosophy and Practice (LPP)*, vol. 2013. [USA].
36. Awan, M. U., & Mahmood, K. (2013). Development of service quality model for academic libraries. *Quality & Quantity*, 47(2), 1093-1103. [USA]. [Impact Factor=0.867].
37. Rehman, A-U., Mahmood, K., & Bhatti, R. (2012). Free and open source software movement in LIS profession in Pakistan. *Library Philosophy and Practice (LPP)*, vol. 2012. [USA].
38. Shafique, F., & Mahmood, K. (2012). Scanning the information infrastructure of Pakistan: A step towards the development of a national educational information system. *Library Review*, 61(7), 511-525. [UK].
39. Shafique, F., Rehman, S. U., & Mahmood, K. (2012). A macro sketch of users' needs, satisfaction and library performance: A survey of university libraries in Pakistan. *Library Philosophy and Practice (LPP)*, vol. 2012, 1-10. [USA].
40. Mirza, M. S., & Mahmood, K. (2012). Electronic resources and services in Pakistani university libraries: A survey of users' satisfaction. *International Information and Library Review*, 44(3), 123-131. [USA].
41. Arif, M., & Mahmood, K. (2012). The changing role of librarians in the digital world: Adoption of Web 2.0 technologies by Pakistani librarians. *The Electronic Library*, 30(4), 469-479. [UK]. [Impact Factor=0.436].
42. Mahmood, K. (2012). LIS curriculum review using focus group interviews of employers. *Library Philosophy and Practice (LPP)*, vol. 2012. [USA].
43. Richardson, J. V., & Mahmood, K. (2012). eBook readers: User satisfaction and usability issues. *Library Hi Tech*, 30(1), 170-185. [UK]. [Impact Factor=0.798].
44. Mahmood, K., & Shafique, F. (2012). Alumni participation in LIS program review: The case of MLIS at University of the Punjab. *Library Philosophy and Practice (LPP)*, vol. 2012. [USA].
45. Shafique, F., & Mahmood, K. (2011). Availability of needed information to educational administrators in Pakistan: A survey. *Chinese Librarianship: An International Electronic Journal*, 32, 1-33. [USA].
46. Mahmood, K., & Richardson Jr., J. V. (2011). Adoption of Web 2.0 in US academic libraries: A survey of ARL library websites. *Program: Electronic Library and Information Systems*, 45(4), 365-375. [UK]. [Impact Factor=1.000].
47. Rehman, S. U., Shafique, F., & Mahmood, K. (2011). A survey of user perception and satisfaction with reference services in university libraries of Punjab. *Library Philosophy and Practice (LPP)*, vol. 2011, 1-14. [USA].
48. Butt, K., Qutab, S., & Mahmood, K. (2011). Access and use of the Internet in the libraries of Lahore, Pakistan. *Chinese Librarianship: An International Electronic Journal*, 31, 1-14. [USA].
49. Mahmood, K. (2010). Attitude towards Internet: Survey of LIS professionals in Pakistan. *Library Philosophy and Practice (LPP)*, vol. 2010, 1-10. [USA].
50. Shafique, F., & Mahmood, K. (2010). Model development as a research tool: An example of PAK-NISEA. *Library Philosophy and Practice (LPP)*, vol. 2010, 1-12. [USA].

51. Shafique, F., & Mahmood, K. (2010). The role of educational information systems for survival in information society and the case of Pakistan. *The International Information & Library Review*, 42(3), 164-173. [USA].
52. Batool, S. H., & Mahmood, K. (2010). Entertainment, communication or academic use? A survey of Internet café users in Lahore, Pakistan. *Information Development*, 26(2), 141-147. [USA]. [Impact Factor=0.787].
53. Khan, M. A., & Mahmood, K. (2010). A study of the usefulness of Pakistan Library Automation Group's (PakLAG) services. *Library Philosophy and Practice (LPP)*, vol. 2010, 1-6. [USA].
54. Safdar, M., Mahmood, K., & Qutab, S. (2010). Internet use behavior and attitude of college students: A survey of Leadership Colleges' Network. *Library Philosophy and Practice (LPP)*, vol. 2010, 1-8. [USA].
55. Awan, M. R., & Mahmood, K. (2010). Relationship among leadership style, organizational culture and employee commitment in university libraries. *Library Management*, 31 (4/5), 253-266. [UK].
56. Mahmood, K., & Shafique, F. (2010). Changing research scenario in Pakistan and demand for research qualified LIS professionals. *Library Review*, 59(4), 291-303. [UK].
57. Idrees, H., & Mahmood, K. (2010). Classification of Islamic literature in Pakistani libraries: A survey. *Library Review*, 59(3), 149-164. [UK]. Won Highly Commended Paper Award from Emerald Publishers.
58. Tahir, M., Mahmood, K., & Shafique, F. (2010). Use of electronic information resources and facilities by humanities scholars. *The Electronic Library*, 28(1), 122-136. [UK]. [Impact Factor=0.436].
59. Arif, M., & Mahmood, K. (2009). Libraries' services at distance: A survey of Allama Iqbal Open University tutors in Pakistan. *Journal of Library & Information Services in Distance Learning*, 3(3/4), 159-172. [USA].
60. Naseer, M. M., & Mahmood, K. (2009). Use of bibliometrics in LIS research. *LIBRES: Library and Information Science Research Electronic Journal*, 19 (2). [Australia].
61. Idrees, H., & Mahmood, K. (2009). Devising a classification scheme for Islam: Opinions of LIS and Islamic studies scholars. *Library Philosophy and Practice (LPP)*, vol. 2009. [USA].
62. Qutab, S., & Mahmood, K. (2009). Library web sites in Pakistan: An analysis of content. *Program: Electronic Library and Information Systems*, 43 (4), 430-445. [UK]. [Impact Factor=1.000].
63. Mahmood, K. (2009). Gender, subject and degree differences in university students' access, use and attitudes toward information and communication technology (ICT). *International Journal of Education and Development using Information and Communication Technology*, 5(3). [West Indies].
64. Malik, A., & Mahmood, K. (2009). Web search behavior of university students: A case study at University of the Punjab. *Webology*, 6(2). [Iran].
65. Tahir, M., Mahmood, K., & Shafique, F. (2009). How humanists use libraries: A survey of arts and humanities faculty at University of the Punjab, Lahore, Pakistan. *Library Review*, 58(8), 581-592. [UK].
66. Siddique, N., & Mahmood, K. (2009). The role of mailing groups in the development of the library profession in Pakistan: The case of plagpk. *Information Development*, 25(3), 218-223. [USA]. [Impact Factor=0.787].
67. Mahmood, K., & Shafique, F. (2009). Emerging information society in Pakistan and the role of libraries. *World Libraries*, 17(2). [USA].
68. Mirza, M. S., & Mahmood, K. (2009). Web-based services in university libraries: A Pakistani perspective. *Library Philosophy and Practice (LPP)*, vol. 2009. [USA].
69. Naseer, M. M., & Mahmood, K. (2009). LIS research in Pakistan: An analysis of Pakistan Library and Information Science Journal-PLISJ (1998-2007). *Library Philosophy and Practice (LPP)*, vol. 2009, 1-10. [USA].
70. Shafique, F., & Mahmood, K. (2009). Why the offline are offline: A survey of Internet use by educated Pakistani adults. *CyberPsychology & Behavior*, 12(3), 351-354. [USA]. [Impact Factor=2.188].
71. Hussain, A., Mahmood, K., & Shafique, F. (2008). Perceptions of LIS professionals about digital libraries in Pakistan. *The Electronic Journal of Academic and Special Librarianship*, 9(1). [Canada].
72. Tahir, M., Mahmood, K., & Shafique, F. (2008). Information needs and seeking behavior of arts and humanities teachers: A survey of the University of the Punjab, Lahore, Pakistan. *Library Philosophy and Practice (LPP)*, vol. 2008, 1-11. [USA].
73. Arif, M., Mahmood, K. (2008). Off-campus post graduate students' perceptions about distance library support services: A case study of Allama Iqbal Open University Libraries Network. *Journal of Library Administration*, 48(3/4), 249-263. [USA].
74. Shafique, F., & Mahmood, K. (2008). Integrated library software: A survey of Lahore. *Library Hi Tech News*, 25(6), 6-13. [UK].

75. Mahmood, K. (2008). Library web OPACs in Pakistan: An overview. *Program: Electronic Library and Information Systems*, 42 (2), 137-149. [UK]. [Impact Factor=1.000].
76. Mahmood, K., Khan, M. A., & Siddique, N. (2008). Volunteer endeavors to promote ICT in a developing country: The case of Pakistan Library Automation Group. *Information Development*, 24(2), 135-142. [USA]. [Impact Factor=0.787].
77. Shafique, F., & Mahmood, K. (2008). Indicators of the emerging information society in Pakistan. *Information Development*, 24(1), 66-78. [USA]. [Impact Factor=0.787].
78. Shafique, F., & Mahmood, K. (2007). Librarians' opinions about library software: A survey of libraries in Lahore. *The Electronic Library*, 25(6), 766-777. [UK]. [Impact Factor=0.436].
79. Mahmood, K., & Khan, M. A. (2007). ICT training for LIS professionals in Pakistan: A needs assessment. *Program: Electronic Library and Information Systems*, 41(4), 418-427. [UK]. [Impact Factor=1.000].
80. Haider, S. J., & Mahmood, K. (2007). MPhil and PhD library and information science research in Pakistan: An evaluation. *Library Review*, 56(5), 407-417. [UK].
81. Mahmood, K., Hameed, A., & Haider, S. J. (2006). Libraries in Pakistan: A systemic study. *Library Review*, 55(1), 20-34. [UK].
82. Mahmood, K., & Ilyas, M. (2005). Copyright and book piracy in Pakistan. *IFLA Journal*, 31(4), 324-332. [Netherlands].
83. Mahmood, K., Hameed, A., & Haider, S. J. (2005). Free vs. fee based library services: Survey of library leaders in Pakistan. *Malaysian Journal of Library & Information Science*, 10(2), 105-115. [Malaysia]. [Impact Factor=0.476].
84. Mahmood, K., Hameed, A., & Haider, S. J. (2005). Library fundraising in Pakistan. *Library Management*, 26(8/9), 429-438. [UK].
85. Mahmood, K., Hameed, A., & Haider, S. J. (2005). Library funding in Pakistan: A survey. *Libri: International Journal of Libraries and Information Services*, 55(2/3), 131-139. [Germany]. [Impact Factor=0.339]
86. Mahmood, K., Hameed, A., & Haider, S. J. (2005). Potential for fee-based library services in Pakistan. *The Bottom Line: Managing Library Finances*, 18(4), 172-179. [UK]. Won Highly Commended Paper Award from Emerald Publishers.
87. Mahmood, K., Hameed, A., & Haider, S. J. (2005). Fundraising in Pakistani libraries: Perceptions of library leaders. *The International Information & Library Review*, 37(2), 117-125. [Netherlands].
88. Mahmood, K. (2005). Multipurpose community telecenters for rural development in Pakistan. *The Electronic Library*, 23(2), 204-220. [UK]. [Impact Factor=0.436].
89. Afaq, N., & Mahmood, K. (2005). Use of LIS journals in developing countries: A comparative study of Malaysia and Pakistan. *Library Review*, 54(3), 192-199. [UK].
90. Sharif, A., & Mahmood, K. (2004). How economists cite literature: Citation analysis of two core Pakistani economic journals. *Collection Building*, 23(4), 172-176. [UK].
91. Mahmood, K. (2003). A comparison between needed competencies of academic librarians and LIS curricula in Pakistan. *The Electronic Library*, 21(2), 99-109. [UK]. [Impact Factor=0.436].
92. Mahmood, K. (2002). Competencies needed for future academic librarians in Pakistan. *Education for Information*, 20(1), 27-43. [Netherlands].
93. Sharif, A., & Mahmood, K. (2001). Impact of computer training on professional library activities in Pakistan. *Information Development*, 17(3), 173-177. [UK]. [Impact Factor=0.787].
94. Mahmood, K. (1999). Distance education in library and information science: An experience in Pakistan. *Library Review*, 48(5), 232-241. [UK].
95. Mahmood, K. (1999). The development of computerised library services in Pakistan: A review of the literature. *Asian Libraries*, 8(9), 307-328. [UK].
96. Mahmood, K. (1998). The development of the LAMP (Library Automation and Management Program) software for use in developing countries and its marketing in Pakistan. *Program: Electronic Library and Information Systems*, 32(1), 37-48. [UK]. [Impact Factor=1.000].
97. Mahmood, K. (1998). The technology challenge and continuing education for Pakistani librarians. *Information Development*, 14(2), 84-90. [UK]. [Impact Factor=0.787].
98. Mahmood, K. (1998). Use of Micro CDS/ISIS in Pakistan: A survey. *INSPEL*, 32(1), 23-39. [Germany].
99. Mahmood, K. (1997). Emerging trends in technical services in libraries: A training experience in Pakistan. *Information Development*, 13(2), 83-88. [UK]. [Impact Factor=0.787].
100. Mahmood, K. (1997). Information technology and library education in Pakistan: Recent developments in curriculum. *Education for Information*, 15(3), 197-205. [Netherlands].
101. Mahmood, K. (1997). Information technology education in Pakistani library schools. *Journal of Education for Library and Information Science*, 38(3), 200-210. [USA].

102. Mahmood, K. (1997). Pakistani librarianship during 1990s: A literature review. *World Libraries*, 8(1), 42-56. [USA].
103. Mahmood, K. (1997). Subject cataloguing in Pakistani libraries. *International Cataloguing & Bibliographic Control*, 26(3), 68-70. [Germany].
104. Mahmood, K. (1997). The best library software for developing countries: More than 30 plus points of Micro CDS/ISIS. *Library Software Review*, 16(1), 12-16. [USA].
105. Khalid, H. M., Mahmood, K., & Willson, J. (1997). Cataloguing practice in university libraries: A comparison of three developing countries (Malaysia, Pakistan, Saudi Arabia). *Library Review*, 46(5), 328-338. [UK].
106. Mahmood, K. (1996). Do you need a lamp to enlighten your library: An introduction to Library Automation and Management Program (LAMP). *INFOISIS*, 2(1), 7-16. (Published in English and Spanish languages). [Argentina].
107. Mahmood, K. (1996). Library and information services in Pakistan: A review of articles published in foreign journals. *The International Information & Library Review (IILR)*, 28(4), 383-405. [UK].
108. Mahmood, K. (1996). Promoting information technology in Pakistan: the Netherlands Library Development Project. *Information Development*, 12(2), 96-100. [UK]. [Impact Factor=0.787].
109. Mahmood, K. (1996). The status of library automation in Pakistan. *Library Review*, 45(6), 36-42. [UK].
110. Mahmood, K. (1995). Library software in Pakistan. *Information Development*, 11(3), 165-167. [UK]. [Impact Factor=0.787].

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

111. Rafique, A., & Mahmood, K. (2015). Information literacy skills of engineering students: A survey. *Pakistan Library and Information Science Journal*, 46(4), 34-41. [Karachi].
112. Tariq, M., Mahmood, K., & Rehman, H. U. (2015). Access points, patterns and satisfaction level of online information resources by university research students. *Pakistan Library and Information Science Journal*, 46(1), 49-59. [Karachi].
113. Yousaf, A., Mahmood, K., Soroya, M. S. (2015). Service structure of librarians in public sector universities of the Punjab: An analysis. *Pakistan Library and Information Science Journal*, 46(1), 13-25. [Karachi].
114. Naseer, M. M., & Mahmood, K. (2014). Applicability of Lotka's law to Pakistani LIS authors. *Pakistan Library and Information Science Journal*, 45(2), 33-40. [Karachi].
115. Shafique, F., & Mahmood, K. (2013). Variable affecting the information needs and seeking behavior of educational administrators: A review. *Pakistan Journal of Library and Information Science*, 14, 26-32. [Lahore].
116. Naseer, M. M., & Mahmood, K. (2013). Bibliographic control of LIS literature in Pakistan. *Pakistan Library and Information Science Journal*, 44(1), 4-12. [Karachi].
117. Batool, S. H., & Mahmood, K. (2012). Teachers' conceptions about information literacy skills of school children. *Pakistan Journal of Library and Information Science*, 13, 1-6. [Lahore].
118. Iqbal, A., Mahmood, K., & Arif, M. (2012). Information needs and seeking behavior of medical researchers in Pakistan: A survey. *Pakistan Library and Information Science Journal*, 43(3), 18-33. [Karachi].
119. Ahmad, S., & Mahmood, K. (2011). Library and information science education in Pakistan – A decade of development – 2000-2009. *Pakistan Library and Information Science Journal*, 42(3), 3-12. [Karachi].
120. Mairaj, M. I., & Mahmood, K. (2011). Development of agricultural libraries in Pakistan. *Pakistan Library and Information Science Journal*, 42(1), 26-41. [Karachi].
121. Arif, M., & Mahmood, K. (2010). Allama Iqbal Open University Library services to teachers: A survey. *Pakistan Library and Information Science Journal*, 41(4), 10-18. [Karachi].
122. Rehman, S. U., & Mahmood, K. (2010). Status of reference and information services in university libraries of Lahore, Pakistan. *Pakistan Library and Information Science Journal*, 41(3), 2-15. [Karachi].
123. Kousar, M., & Mahmood, K. (2010). Dr. Syed Jalaludin Haider: A bio-bibliometric study. *Pakistan Journal of Library & Information Science*, 11, 32-43. [Lahore].
124. Shafique, F., & Mahmood, K. (2010). The need of information system and networks for survival into information society. *Pakistan Library and Information Science Journal*, 41(2), 11-17. [Karachi].
125. Mahmood, K., & Rehman, S.U. (2009). Contributions of Dr. Anis Khurshid to library literature: A bibliometric study. *Pakistan Journal of Library & Information Science*, 10, 43-56. [Lahore].



126. Rehman, S.U., Mahmood, K., Arif, M., & Rafiq, M. (2009). Are users satisfied with library services? The case of Punjab University Library. *Pakistan Library and Information Science Journal*, 40(1), 22-28. [Karachi].
127. Shafique, F., & Mahmood, K. (2008). Need for revising the role of university libraries in HEC university ranking criteria. *Pakistan Library and Information Science Journal*, 39(4), 23-34. [Karachi].
128. Bashir, S., Mahmood, K., & Shafique, F. (2008). Internet use among university students: A survey in University of the Punjab, Lahore, Pakistan. *Pakistan Journal of Library & Information Science*, 9, 49-65. [Lahore].
129. Mahmood, K. (2008). ICT based services in public libraries of Pakistan. *Pakistan Library and Information Science Journal*, 39(2), 9-15. [Karachi].
130. Haider, S. J., & Mahmood, K. (2006). Post - master LIS education at Punjab University (Lahore). *Pakistan Library and Information Science Journal*, 37(3), 3-8. [Karachi].
131. Mahmood, K., Hameed, A., & Haider, S. J. (2006). Alternative funding model for libraries in Pakistan. *Research Journal University of Balochistan*, 4(1), 127-136. [Quetta].
132. Mahmood, K., Hameed, A., & Haider, S. J. (2006). Funding dilemma in Pakistani libraries: Causes, effects, responses. *Pakistan Journal of Library & Information Science*, 7, 33-56. [Lahore].
133. Mahmood, K., Hameed, A., & Haider, S. J. (2006). How library leaders perceive about funding dilemma in Pakistani libraries. *Pakistan Library & Information Science Journal*, 37(2), 4-13. [Karachi].
134. Sharif, A., & Mahmood, K. (2006). A citation analysis of Pakistan Economic and Social Review. *Research Journal: Social Sciences*, 1(4), 1-12. [Karachi].
135. Mahmood, K. (2004). Libraries and promotion of reading habits in the digital age. *Pakistan Library and Information Science Journal*, 35(3), 18-24. [Karachi].
136. Mahmood, K. (2003). Job motivation in Pakistani Librarians: Problems and Suggestions (Urdu). *Pakistan Library Bulletin*, 34(1), 1-9. [Karachi].
137. Mahmood, K. (2000). Financing government sector libraries in Pakistan: A literature review. *Pakistan Journal of Library & Information Science*, 6, 35-46. [Lahore].
138. Mahmood, K., & Yaseen, R. (1998). Electronic mail and libraries (Urdu). *Pakistani Librarian*, 4, 8-19. [Lahore].
139. Mahmood, K. (1998). Information sources on Pakistani librarianship. *Pakistan Library Bulletin*, 29(3-4), 25-38. [Karachi].
140. Mahmood, K., Mahmood, A., & Akram, A. (1997). Subject index to PULSAA News (vol.1 to vol. 8). *PULSAA News*, 9(1-4), 33-53, 64-75. [Lahore].
141. Mahmood, K. (1997). Urdu subject heading lists: A survey of the efforts of fifty years (Urdu). *Pakistan Library Bulletin*, 28(4), 1-10. [Karachi].
142. Mahmood, K. (1997). PLA Computer Training Centre, Lahore: Three years of success. *Pakistan Library Association Journal*, No. 19-20, 58-69. [Islamabad].
143. Mahmood, K. (1997). Online public access catalogue (OPAC) at Department of Library Science. *Pakistani Librarian*, 3, 39-47. [Lahore].
144. Mahmood, K. (1996). Why should we use CDS/ISIS in Libraries? *Pakistan Library Bulletin*, 27(3-4), 1-7. [Karachi].
145. Mahmood, K. (1996). Why is automation necessary for libraries? (Urdu). *Talimi Zawiye: Quarterly Journal of Pakistan Education Foundation*, 6(4), 105-111. [Lahore].
146. Mahmood, K. (1996). Subject index to Pakistan Library Association Journal: 1960-1995. *Pakistan Library Association Journal*, No. 18, 77-105. [Islamabad].
147. Mahmood, K. (1996). Scientific management: Introduction and application in libraries (Urdu). *Pakistani Librarian*, 2, 16-26. [Lahore].
148. Mahmood, K. (1996). Postgraduate library management course. *PULSAA News*, 8(1-4), 27-30. [Lahore].
149. 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].
150. Mahmood, K. (1995). IFLA: A struggle for international library co-operation (Urdu). *Pakistan Library Association Journal*, No. 16, 1-18. [Islamabad].
151. Mahmood, K. (1995). CD-ROM and libraries (Urdu). *Pakistani Librarian*, 1, 44-47. [Lahore].
152. Mahmood, K. (1993). Micro CDS/ISIS: What's new in version 3.0. *Pakistan Library Bulletin*, 24(4), 17-26. [Karachi].
153. Mahmood, K. (1993). Let's save our cultural heritage: An introduction to library security system. *Pakistan Library Association Journal*, No. 14, 48-63. [Islamabad].

### **Research Papers Submitted to Journals/Conferences**

154. Shehata, I., & Mahmood, K. Research collaboration of Egyptian scientists in health sciences: Bibliometric patterns 1980 – 2014. Submitted to *MJLIS*.
155. Mahmood, K. Correlation between perception-based journal rankings and the Journal Impact Factor (JIF): A systematic review and meta-analysis. Submitted to *Serials Review*.
156. Mahmood, K. Reliability and validity of self-efficacy scales assessing students' information literacy skills: A systematic review. Submitted to *The Electronic Library*.
157. Khan, A., Masrek, M. N., Mahmood, K., & Qutab, S. Factors affecting the adoption of digital reference services by Pakistani academic librarians. Submitted to *The Electronic Library*.
158. Qutab, S., Al-Bukhari, R. M., Mahmood, K., Khan, M. A., & Shafiullah, F. National level determinants of research productivity: An analysis of the Muslim world. Submitted to *MJLIS*.
159. Shah, S. R., Mahmood, K., & Hameed, A. Review of Google Scholar, Web of Science, and Scopus search results: The case of inclusive education research. Submitted to *International Journal of Inclusive Education*.
160. Shah, S. R., & Mahmood, K. Contributing factors in knowledge sharing for performance of university students in teacher training programs. Submitted to *Libri*.
161. Shah, S. R., & Mahmood, K. Validation of journal impact metrics of Web of Science and Scopus.
162. Mahmood, K. A systematic review of evidence on psychometric properties of information literacy tests. Submitted to *Performance Measurement and Metrics*.
163. Mahmood, K., & Almas, K. SCImago Journal Rank indicator could be an alternative to Journal Impact Factor for dental journals. Submitted to *Serials Review*.
164. Khan, A., Masrek, M. N., & Mahmood, K. Investigating influence of personal innovativeness on users' satisfaction with digital library through evaluating its quality and usability. Submitted to *Aslib Journal of Information Management*.

### **PROJECTS COMPLETED**

1. Development of a modern library at Punjab Local Government Academy, Lalamusa. Funded by CIDA.
2. Analysis of libraries and sources of information in Pakistan. Funded by Goethe Institute.
3. Alternative funding model for libraries in Pakistan. Funded by University of the Punjab.
4. Development of "Iqbal Thesaurus." Funded by Iqbal Academy Pakistan.
5. Library automation at UNICEF Lahore Office.
6. Library automation at Punjab Provincial Assembly.
7. Library automation at Iqbal Academy Pakistan.

### **CONFERENCES / SEMINARS / WORKSHOPS**

#### **International**

1. Participated in "iConference," Seattle, USA, Feb. 8-11, 2011.
2. Participated in "Competitiveness & Innovation: Annual Conference of Association for Library and Information Science Education (ALISE)," San Diego, USA, Jan. 4-7, 2011.
3. 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.
4. Presented paper in the International Seminar on "Multipurpose Community Telecenters" organized by Nepal Library Association, Kathmandu, Nepal, Jan. 15-16, 2004.
5. Participated in the Annual General Conference of International Federation of Library Associations and Institutions (IFLA), Berlin, Germany, Aug. 1-10, 2003.
6. Presented paper in the International Conference for Library & Information Science Educators in the Asia Pacific Region, Selangor, Malaysia, Jun. 11-12, 2001.
7. Presented paper in the Workshop on "Winisis: CDS/ISIS Windows Version, Manchester, UK, Jun. 18, 1996.
8. Presented paper in the Meeting of Dutch Group of CDS/ISIS Users, Hague, Netherlands, Jun. 10, 1996.

#### **National**

1. Participated as resource person in the workshop on "Publishing Your Research" organized by University of Management & Technology, Lahore, Oct. 13, 2014.
2. 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.
3. 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.

4. 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.
5. 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.
6. 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.
7. Participated as resource person in an international online workshop on “Mixed Methods Research” organized by Institute of Research Promotion, Lahore, May 3-4, 2013.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. Participated as resource person in an international online workshop on “Managing Qualitative Research” organized by Institute of Research Promotion, Lahore, Oct. 5-6, 2012.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. Participated as resource person in an international online workshop on “Publishing Your Research” organized by Institute of Research Promotion, Lahore, May 26, 2012.
21. 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.
22. Participated as resource person in an international online workshop on “Mastering Survey Methodology” organized by Research Center for Training & Development, Lahore, April 28, 2012.
23. 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.
24. 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.
25. 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.
26. 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.

27. Participated in the workshop on “Digital Assets Management” organized by Department of Library and Information Science, University of the Punjab, Lahore, Jan. 18, 2012.
28. 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.
29. 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.
30. 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.
31. 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.
32. Participated as resource person in the workshop on “PakLAG KOHA with DSpace” organized by Pakistan Library Automation Group, Islamabad, Jun. 27-29, 2011.
33. 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.
34. 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.
35. 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.
36. 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.
37. Delivered a lecture at the seminar on “Status of librarianship in the United States” organized by Pakistan Library Association, Lahore, Mar. 26, 2011.
38. Participated as resource person in the workshop on “ICT Training Needs for Librarians” organized by PULISAA, Lahore, May 8, 2010.
39. 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.
40. Delivered special lectures on “Writing Thesis/Term Paper” organized by Department of Economics, University of the Punjab, Lahore, April 26-27, 2010.
41. 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.
42. 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.
43. Participated in the Seminar on “Emerging Challenges for Professional Competence” organized by PULISAA, Lahore, Feb. 2, 2010.
44. Participated as resource person in the workshop on “Publishing your Research” organized by COMSATS and Institute of Research Promotion, Lahore, Jan. 28-29, 2010.
45. Participated as resource person in the workshop on “Developing Literature Review” organized by COMSATS and Institute of Research Promotion, Lahore, Jan. 1, 2010.
46. Participated in the workshop on “National Reading Survey” organized by National Book Foundation, Islamabad, Sept. 3, 2009.
47. 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.
48. 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.
49. Presented paper and chaired a session at “6th Pakistan Library Science Conference,” University of Peshawar, Baragali, Jun. 28-July 2, 2009.
50. 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.
51. Delivered a special lecture on “EndNote software” to PhD scholars at Institute of Education & Research, University of the Punjab, Lahore, Jun. 19, 2009.

52. Participated as resources person in “Workshop on Research Execution” organized by Institute of Communication Studies, University of the Punjab, Lahore, Jun. 17-18, 2009.
53. Delivered a special lecture on “Using APA style” to PhD scholars at Institute of Education & Research, University of the Punjab, Lahore, Jun. 5, 2009.
54. Participated in “Symposium on Redesigning LIS Education Programs: Possibilities and Prospects” organized by PLA (Federal Branch), Islamabad, May 13, 2009.
55. 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.
56. 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.
57. 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.
58. 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
59. Participated in the Seminar on “Library Technologies: a Way Ahead” organized by Pakistan Library Association and 3M Pakistan, Lahore, Aug. 1, 2008.
60. Participated in the “2<sup>nd</sup> National Workshop on Koha-ILS” organized by PakLAG, Islamabad, Jul. 5-6, 2008.
61. Delivered a special lecture on “Information Literacy in Libraries” organized by Special Libraries Association (SLA) Asian Chapter Pakistan, May 26, 2008.
62. Conducted the workshop “How to Build a Digital Library with Greenstone Software” organized by the University of the Punjab, Lahore, Dec. 10, 2007.
63. Presented paper in the workshop on “360° of Research” organized by Institute of Research Promotion, Lahore, Nov. 29 – Dec. 1, 2007.
64. 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.
65. 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.
66. Conducted the workshop “Automated Technical Services in Libraries” organized by the University of the Punjab, Lahore, Mar. 16-17, 2007.
67. Conducted the workshop “Marketing of Library and Information Services” organized by the University of the Punjab, Lahore, Feb. 28, 2007.
68. Presented paper in the workshop “ICT Skills for Library Professionals” organized by International Islamic Medical College, Rawalpindi, Dec. 5-6, 2006.
69. Conducted and presented paper in the workshop “Electronic Library Tools” organized by the University of the Punjab, Lahore, Sep. 20-21, 2006.
70. Participated in a panel discussion on “LIS Education in Pakistan” organized by the Department of LIS, University of Karachi, Sep. 18-19, 2006.
71. Presented paper in “Multilingual Library & Information Management System (MLIMS) Training Workshop” organized by the Punjab University Library, Lahore, May 30 – June 2, 2006.
72. Presented paper in the seminar on “Improvement of Standards of Libraries in Pakistan” organized by the Quaid-e-Azam Library, Lahore, May 8, 2006.
73. Conducted the seminar on “Knowledge Management” organized by Punjab University, November 10, 2005.
74. 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.
75. Conducted and presented paper in “Advanced Library Automation Workshop 2” organized by Punjab University and Pakistan Library Automation Group, July 15-16, 2005.
76. Conducted and presented paper in “Advanced Library Automation Workshop 1” organized by Punjab University and Pakistan Library Automation Group, July 8-9, 2005.
77. Presented paper in the course on “New Trends in Special Education” organized by the Higher Education Commission at PU, Lahore, Jun. 13-18, 2005.
78. Presented paper in the seminar on “World Book and Copyright Day” organized by the American Center, Lahore, Apr. 23, 2005.
79. 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.
80. Presented paper in the training workshop on “Information Communication Technology Skills” organized by the Punjab University Library, Feb. 22 – Mar. 18, 2005.

81. 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.
82. 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
83. 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.
84. 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.
85. Presented paper in the Seminar on “Library Services in Pakistan” organized by the American Center, Lahore, Apr. 21, 2004.
86. Presented paper in the “Citation and Reference Writing Workshop” organized by the Department of Mass Communication, PU, Apr. 19, 2004.
87. Presented paper in the Seminar on “Librarianship in Europe” organized by Quaid-e-Azam Library, Lahore, Oct. 16, 2003.
88. 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.
89. Participated in the “Information Technology Workshop” organized by the Human Resource Development Center, PU, Aug. 13 – Sep. 3, 2002.
90. Participated in the Workshop on “Direct Observation as Clinical and Research Method” organized by the Department of Special Education, PU, Apr. 23-24, 2002.
91. Conducted the Workshop on “A Review of Contemporary Research Paradigms” organized by International Institute of Islamic Thought (IIIT), Lahore, Feb. 14-21, 2002.
92. Participated in the Workshop on “Automation and Planning of Academic/Research Libraries” organized by Ministry of Education, Islamabad, Feb. 12-21, 2001.
93. 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.
94. 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.
95. Presented paper in the Seminar on “Libraries and Librarianship in Pakistan” organized by Defence Club, Lahore, Feb. 16, 2000.
96. Presented paper in the Seminar on “The Present and Future of LAMP Software in Pakistan” organized by Pakistan Library Association, Karachi, Apr. 8, 2000.
97. Presented paper in the Workshop on “Preparation for Doctoral Research” organized by Guidance Centre for Higher Education, Lahore, Dec. 6-8, 1999.
98. Participated in the Workshop on “ICT Applications for Library & Information Management” organized by Pakistan Science Foundation, Islamabad, Nov. 23-26, 1998.
99. Presented paper in the 16<sup>th</sup> Pakistan Library Association Conference, Islamabad, Nov. 1997.
100. Conducted and presented paper in a Workshop on “Technical Services in Libraries” organized by the Department of Library & Information Science, PU, 1997.
101. Presented paper in the Workshop on “Public library management” organized by Directorate of Public Libraries, Lahore, 1997.
102. Presented paper in the Workshop on “LAMP Software” organized by Pakistan Library Association, Islamabad, 1995.
103. Conducted and presented paper in the Workshop on “Automated Technical Services in Libraries” organized by NLDP, Bahawalpur, May 27-Jun. 8, 1995.
104. Conducted and presented paper in the Workshop on “Automated Technical Services in Libraries” organized by NLDP, Lahore, Jul. 1-13, 1995.
105. Conducted and presented paper in the Workshop on “Advance CDS/ISIS” organized by Pakistan Library Association, Lahore, Apr. 2-13, 1995.
106. Participated in the Workshop on “Advance Cataloging, Classification and Subject Indexing” organized by State Library of New South Wales, Rawalpindi, Mar. 18-30, 1995.
107. Participated in the Workshop on “Database Production and Networking” organized by the National Library of Pakistan, Islamabad, Aug. 27-31, 1995.
108. Conducted and presented paper in the 15<sup>th</sup> Pakistan Library Association Conference, Lahore, Dec. 27-29, 1994.
109. Participated in the Workshop on “Management Information System” organized by Pakistan Institute of Management, Lahore, Oct. 29 – Nov. 1, 1994.

110. Participated in the Workshop on “Planning and Implementation of Automated Library Systems” organized by US Information Services, Lahore, Oct. 2-28, 1993.
111. Participated in the Seminar on “Preservation of Library Materials” organized by the Quaid-e-Azam Library, Lahore, Feb. 21, 1993.
112. Participated in the Seminar on “Improvement of Services in University Libraries” organized by PULO, Lahore, Dec. 14-15, 1992.
113. Participated in the Seminar on “Role of Information in Development” organized by Pakistan Library Association, Lahore, Aug. 22-23, 1992.
114. Participated in the Seminar on “Reference Services – Principles and Practice” organized by Pakistan Library Association, Lahore, Feb. 26, 1992.
115. Participated in the Seminar on “Problems of the Libraries” organized by PULSAA, Lahore, Feb. 18, 1992.
116. Participated in the 14<sup>th</sup> Pakistan Library Association Conference, Karachi, Mar. 7-9, 1991.

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