With the introduction of Information and Communication Technology (ICT) library services have changed to a great extent. It has reached far ahead from the traditional circulation services to present information services. Information services are strengthened due to advancement in Internet, e-resources and computer software. Almost all library functions, i.e., acquisition, processing, maintenance and dissemination have been affected by technological changes. In this way one can say that the penetration of ICT in the profession of library and information science is deep rooting. It can be easily seen that the ICT based automated libraries are also growing with traditional libraries. But with this strength several complications and challenges are also arising as the gap between the traditional libraries and modern ICT based libraries is widening giving rise to a new concept, namely, ‘digital divide’. This term is widely used in describing the difference between libraries which have and which do not have access to the Info-technologies due to technical expertise or financial resources. Although the latter is the major cause in the present arena, but it is only access to technology that can provide a solution to this problem.

Thus, this research will study Open Source Software and Open Access resources available on the Web. This research will be an effort to change the mind of those who believe that Internet based services can be available only to the affluent libraries. This proposed research work will be an intervention between the modern ICT based libraries and the traditional libraries which are lagging behind due to financial condition
or due to the lack of information about the Open Source Software and Open Access resources.

This research would help the libraries with no finance or with limited finance which are not able to buy expensive commercial library management software, digitization software and scholarly databases. It will help them to be aware about the open source software and open access literature that can be helpful to get their work done in place of commercial software. Additionally, this research will help them to come out of the dilemma of selection of a proper ILS and other open source software from a number of open source software available on the Web. The database of English language scholarly journals, which is presented in the Appendix of this study, will strengthen any type of library in respect of its digital collection.