In universities students, research scholars and teachers are depending more and more on the Internet for their various educational purposes. As university libraries provide Internet facility to academic community and expect them to utilize it for educational purposes, it becomes imperative to conduct a study to determine how the Internet is being used for academic activities and how the Internet has influenced the academic efficiency of the target users. In the research study an attempt has been made to find out up-to what extent the universities in Assam viz., Gauhati University, Dibrugarh University, Assam Agricultural University, Tezpur University and Assam University are providing the Internet service through its libraries viz., KKHL, LNBL, BMPL, TUCL and RL respectively and how the users are availing it. The study explores the satisfaction level of the users with the Internet facility provided by the university libraries. The methods for tackling research on the topic are mainly – Survey Method, Personal Experience and Experimentation. The tools for collecting data have been questionnaires, interview and observation. The thesis has been organized into seven main chapters along with preliminary pages, annexures and bibliography. Some recommendations have been presented in the last chapter. Information professionals should adapt themselves to this transition and should attempt to experiment and explore on their own, to identify and use the information available on the Web, to provide better service to their users.