Executive Summary

The growth in scientific literature coupled with the developments in computer storage and communication technologies resulted in the emergence of bibliographic and full-text databases. The present study addressed the development of an Indian literature database on Communication Disorders using open-source applications. The scientific literature on communication disorders published in the country in the form of journal articles, books, book chapters and conference papers were collected using various methods. The bibliographic details of these publications were entered into the database by organizing the content into audiology and speech-language pathology, the two sub-domains of communication disorders. The database was built on DSpace, the world’s most heavily used open-source software for developing institutional and subject repositories. the database was selected by evaluating the features of the three most widely used open source applications, DSpace, EPrints and Fedora and DSpace was chosen finally. The system was set up on Apache Web server with Ubuntu Linux operating system and MySQL database. The database will facilitate global visibility and greater access to Indian scientific publications on Communication Disorders and increase the citation of the scientific publications.