

#### **4.2.1: Institution has adopted automation of library using Integrated Library Management System (ILMS) or any other software**

The institution offers its students state of the art library facilities with an access to DELNET which caters to the needs of the faculty, students, and remote users in providing the required learning and research resources.

The College journeyed from a manual facility to an automated Integrated Library Management System (ILMS) in the year 2014 using the first generation library application **INSPROPLUS**. This version 6.0 of the software had limited functions permitting bar coding of the 10,151 books. On completion of the bar coding, a basic inventory of the library was available online. Users could perform rudimentary searches based on title of book, year of publication, key words to obtain the location of books in the library with precision. However, users had to frequent the library to check out and return books. With the partial automation of the library system, identifying and physically locating books was facilitated. It is an open source software online public access catalogue (OPAC) and Web OPAC. The first generation library software residing on the Colleges' server was upgraded to **INSPROPLUS** under the Annual Maintenance Contract (AMC). This version runs on LAN/ Internet.

Modelled as a structured database **INSPROPLUS** incorporates functionalities enabling the College Librarian to manage in-house library operations e.g. acquisition of books, journals and magazines and other materials, creation and maintenance of its catalogue database, circulation of its holding etc. Users can login and perform searches for locating catalogues and books.

As **INSPROPLUS** is a web driven application for which the College invested and upgraded its existing cabling to SENNET 35mbps, 15 mbps and SRINET 200 mbps with a unique IP address configuring to the College's LMS, thus operationalizing remote access. The automated library system can be accessed by any user machine with an internet connection. To put things into perspective, a dedicated college library email was created to facilitate access by faculty, students and external stakeholders connecting the librarian with the users.

**INSPROPLUS** is a collection of various tools, of which some of the relevant application used routinely is stated below as: **Content Supported:** textual materials (e.g., books, periodical articles, sound files, web pages, full text, CD-ROMs, training materials, Power Point presentations video clips, images etc used for learning purposes.