

4.2. LIBRARY AS A LEARNING RESOURCE

4.2.1 Library is Automated Using Integrated Library Management System (ILMS)

Response:

The Central Library at TKR College of Engineering & Technology, is well established and fully automated and has a rich collection of 94,760 volumes with 12,086 Titles that cater to the need of Engineering & Technology, Management and research scholars.

The Library is operated on an open access system and kept open from 09:00AM to 06:00PM on all working days. The total built up area is 1740 sqmtrs. It is a duplex model with a seating capacity for 300 members. The Library uses Dewey Decimal classification System (DDC). The Library facilitates readers to access resources using the Library & Information Center.

The Library staff provide user awareness programs like Orientation and exhibition on library services.

The library provides e-learning programs on different databases, like EBSCO-IEEE, INFLIBNET, N-LIST, NDL, SWAYAM PBRABHA and SWAYAM – MOOC's..

The library is a key learning center of the college and plays a vital role in enhancing the teaching, learning, research, ambience and development of the college.

In addition, the Library subscribes for National, International and online Journals, General and Technical Magazines and Newspapers. The digital Library is equipped with 30 multimedia systems with high speed Internet and Wi-Fi.

Digital resources and e-Learning:

- 1. IEEE** : IEEE membership as in not only helps in networking but also gets you a step closer to research papers. By encouraging students and staff to inspire a global community to innovate for a better tomorrow through highly cited publications, conferences, technology standards, and professional and educational activities in engineering, computing, and technology information.
- 2. DELNET** : The Central Library is also a member of DELNET(Developing Library Network) a major resource sharing library network in India which gives access to e-Books, e-Journals both national and International.

- 3. INFLIBNET & N-LIST :** The Information and Library Network is a computer communication network for linking libraries and information centres in universities, deemed to be universities, colleges, UGC information centres, Institutions of national importance and R & D. It helps in avoiding duplication of efforts. "National Library and Information services Infrastructure for Scholarly Content". The programme was funded by the MHRD under NME-ICT to extend access to selected e-resources to colleges covered under Section 12B of the UGC Act.
- 4. NDL:** The Central Library is also a member of NDL (National Digital Library) which has a collection of more than 6lakh e-books being used regularly by students and staff.
- 5. SWAYAM-MOOC's :** It is a online Free E-Learning Platform Portal to different level of education mainly useful to Under-Graduate, Post Graduate, Engineering and Other Professional Courses.

Library Automation (ILMS) :

The college Library & Information Centre is enabled with **NEW GENLIB** (New Generation Software for Library & Information Networking) Library Management Software with License (LMS)

The Central Library has taken the NGL 2.1 version software in 2008. It was upgraded twice, once in 2010 from NGL 2.1 to NGL 2.4 Version 2014. The next time it was upgraded in 2021 from NGL 2.4 to NGL 3.2.

New Gen lib Software was designed and developed by Veerus IT solutions. The College Libraries are use this software which is user friendly and works under the client server environment. The software is best suitable for processing bibliographic Information of documents, network sharing and circulation system.

Some of the Features of NEW GENLIB Software are :

- ❖ It helps in Metadata content Management systems.
- ❖ The open source now available under the GNU GPL(General Public License)
- ❖ It has functions that enable a Library to manage its housekeeping operations like book acquisitions, circulations of its holdings, material creation and maintenance of its catalogue databases.
- ❖ It uses well known standards such as CCF, AACR II, MARC 21, ULU code, XML and Dublin core Metadata.
- ❖ It generates barcodes along with call numbers.
- ❖ It helps in formulating Statistics in various Formats.
- ❖ It helps to access searchable online public access catalogue.(OPAC)

Utility of Digital Library and OPAC by Students, Staff and Research Scholars

- **Digital Library** : In the Library & Information Centre, the Digital Library was established with 60 computers with high speed Internet connection, Wi-Fi enabled. All the Non-Book Materials (E-Resources) online journals, Scanned Documents can be stored in the Digital format . Anyone can access any Information about the online process in the Digital Library.
- **OPAC** : OPAC(Online Public Access Catalog) with this catalogue one can search the Library Database (Stock) to know the status of the Library Books.

Special initiatives of the Library

- Provides Articles by experts in News papers.
- Provides Placement information.
- Displays different programmes and achievements from various departments.
- Conducts Periodic exhibition of new books and journals inside the library
- Publishes and maintains “Punascharana” yearly guide. It covers news, clippings, articles, notifications and Advertisements.
- Conducts yearly library orientation for freshers.

Impact of Library :

- Use of library Automation has increased efficiency of library services and functions.
- Improved Staff efficiency to provide extended user services.
- Automated and digitalized library services is promoting self learning resources through self study in students.