**E-LIBRARY**

**Abstract :-**

The project titled E-Library management software for

monitoring and controlling the transactions in a library. The project "E-Library”

is developed in C++, which mainly focuses on basic operations in a library like adding new member ,new

books, and updating new information, searching books and members and facility to borrow and return

books. E-Library is a windows application written for 32-bit Windows operating systems,

designed to help users and Library adminstrator maintain and organize library. Our software is easy to

use for both beginners and advanced users. It features a familiar and well thought-out, an commandline

user interface, combined with searching Insertion and reporting capabilities. The report generation

facility of library system helps to get a good idea of which are the books borrowed by the members,

makes users possible to generate reports' hard copy .

*The software E-Library has four main modules:-*

Insertion to Database Module - User friendly input screen

Extracting from Database module - Attractive Output Screen

Report Generation module - borrowed book list & Available book

Search Facility system - search for books and members

*PROPOSED SYSTEM:-*

Proposed system is an automated E-Library. Through

software user can add members, add books, search members, search books, update

information, edit information, borrow and return books in quick time. Our proposed system has

the following advantages:-

1.User friendly interface

2.Fast access to database

3.Less error

4.More Storage Capacity (Storage capacity depends on the systems memory)

5.Search facility

6.Quick transaction

All the manual difficulties in managing the Library have been rectified by implementing

Computerization.