

# Mangalmay Institute of Engineering & Technology Greater Noida (U.P)

## Details and Snapshots of Library Software

Name of ILMS Software	–Presently Using - KOHA : Integrated Library Management System Previously Used - Alice for Windows an Automation Software
Nature of Automation (Fully or Partially)	– Fully Automated
Version of Software	– KOHA version 19.11 Alice for Windows 6.0
Year of Automation	– 2011

The Library understands the necessary of conducting academics in a professional manner that considers the needs of all the users. The library is fully automated and all the records are available on web opac so that users can search their interesting documents from his connivance and also check the status of availability of books, make reservation of books, check loaned items on their account, check fine details of particular item, etc.

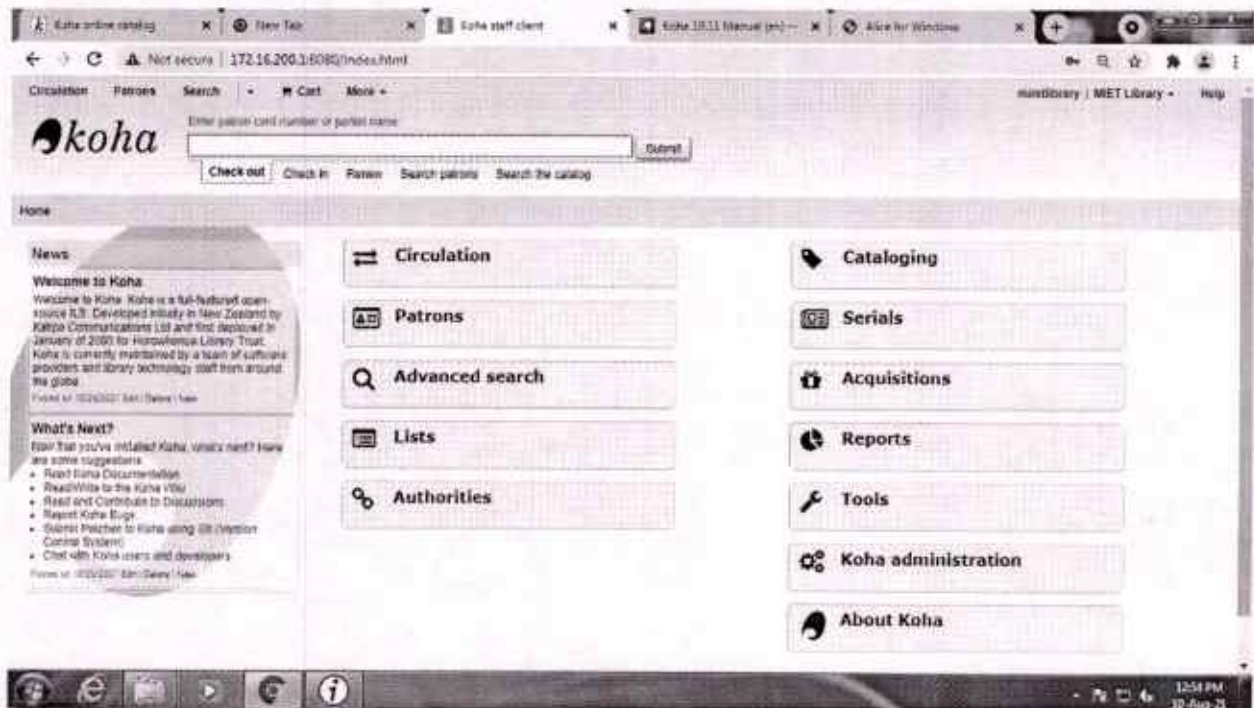
Web opac provide facility to access all the resources on single platform i.e apart from searching the documents one can search all the e- resources like e-books, e-journals, databases and question paper archives, newspaper clippings, journal's content archives, plagiarism software, etc .

### **KOHA - ILMS**

Koha ILS, the world's first open source library automation system, which was developed in 1999. One of the primary advantages of Koha is that it has been designed to work with minimum hardware resources. For example, it runs on the Linux OS (Operating System) in conjunction with the Apache Web server, uses MySQL open source database management system, and is written in Perl. Koha has been a focal point of attraction amongst global library managers since its evolution. So far, it has received many contributions as a result and all essential features have been incorporated into this including:



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- Separate staff interface
- OPAC interface for visitors
- acquisitions (normal or budget-based)
- cataloging
- circulation
- reports

Version: 19.11

### Full-featured ILS

Koha is being used worldwide in all range of libraries and have proven to be a true enterprise-class ILS with comprehensive functionalities including basic and advanced options. Koha has individual modules for circulation, cataloging, acquisitions, serials, reserves, patron management, branch relationships, and many others.

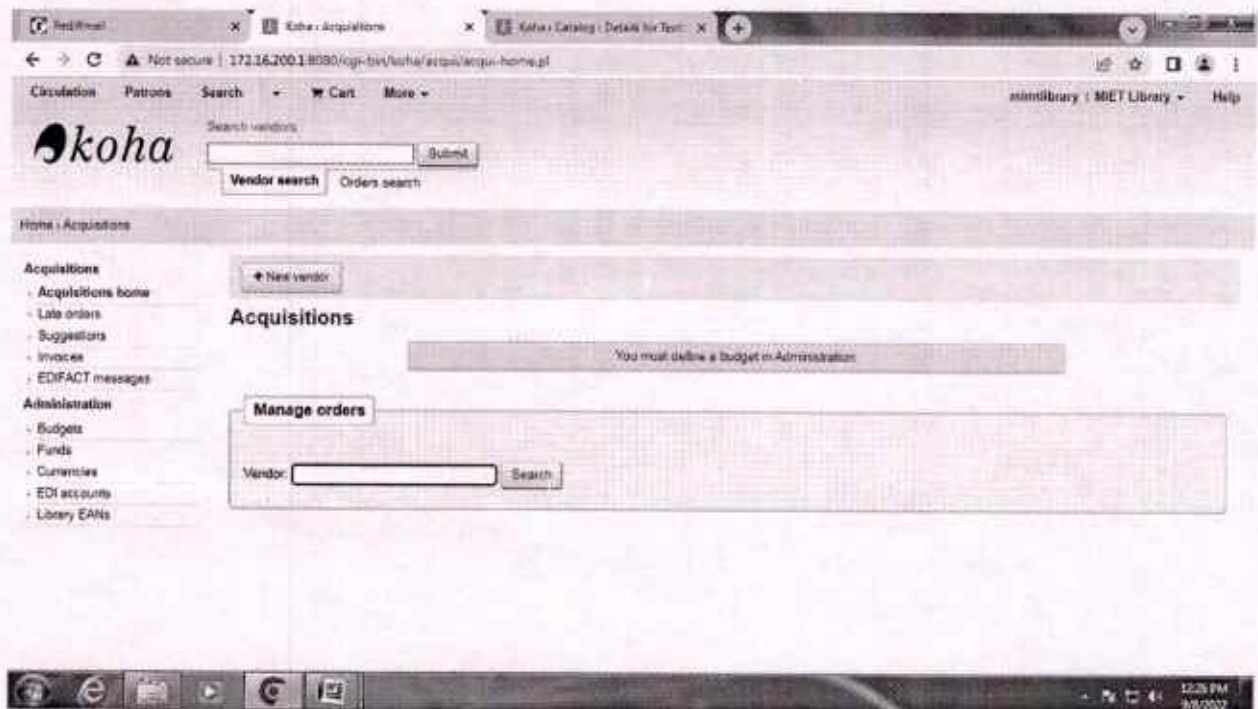
### Basic Features of ILS

#### Acquisitions

- Request process

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- Approval process
- Placement of orders to vendors
- Receive orders/register invoices
- Accession of received items
- Payment process
- Solicit and receive gifts
- Receive unsolicited gifts




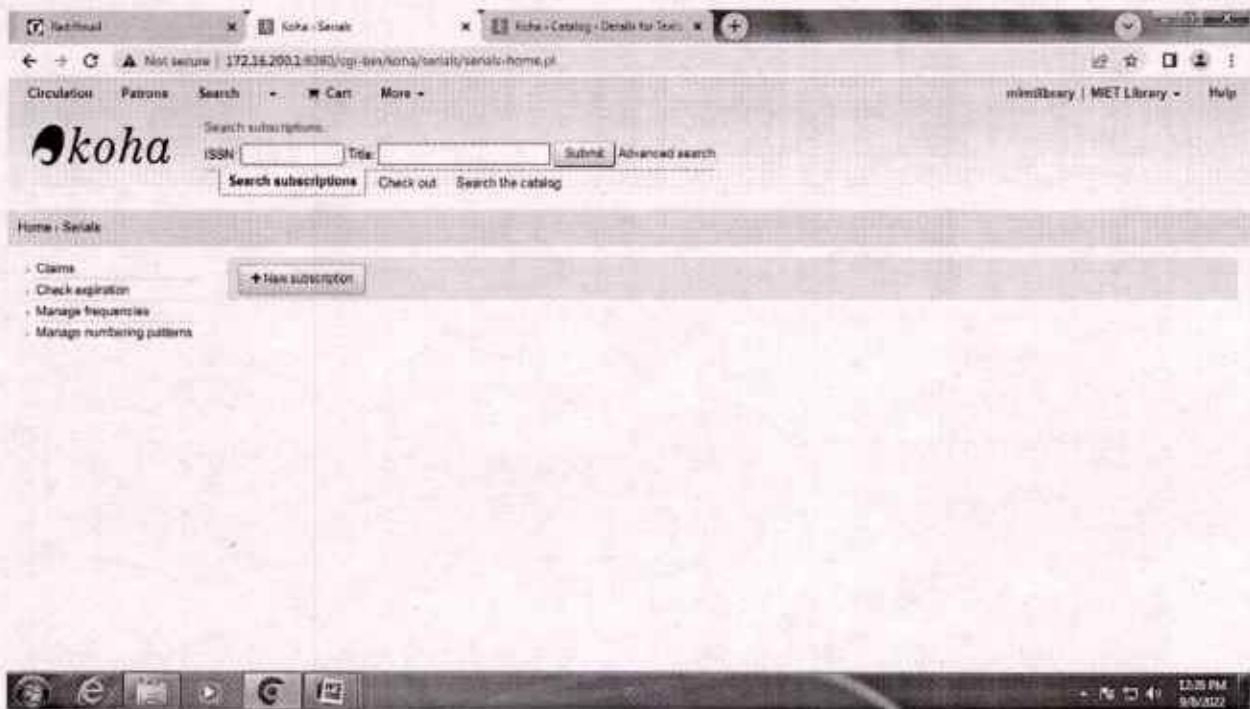
## Acquisition Module

### Serials Management

In this module we can add the subscription of journals and magazines and retrieve the issues when they received from vendors also manage missing overdue issues records of the journals and magazines and send the reminder to the vendors. Some of the features are

- Adding a serial to the subscription list
- Placing Subscription Orders
- Registration of serial issues
- Binding functionality
- Renewal of serials
- Claims of late serials

  
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## Serials Module

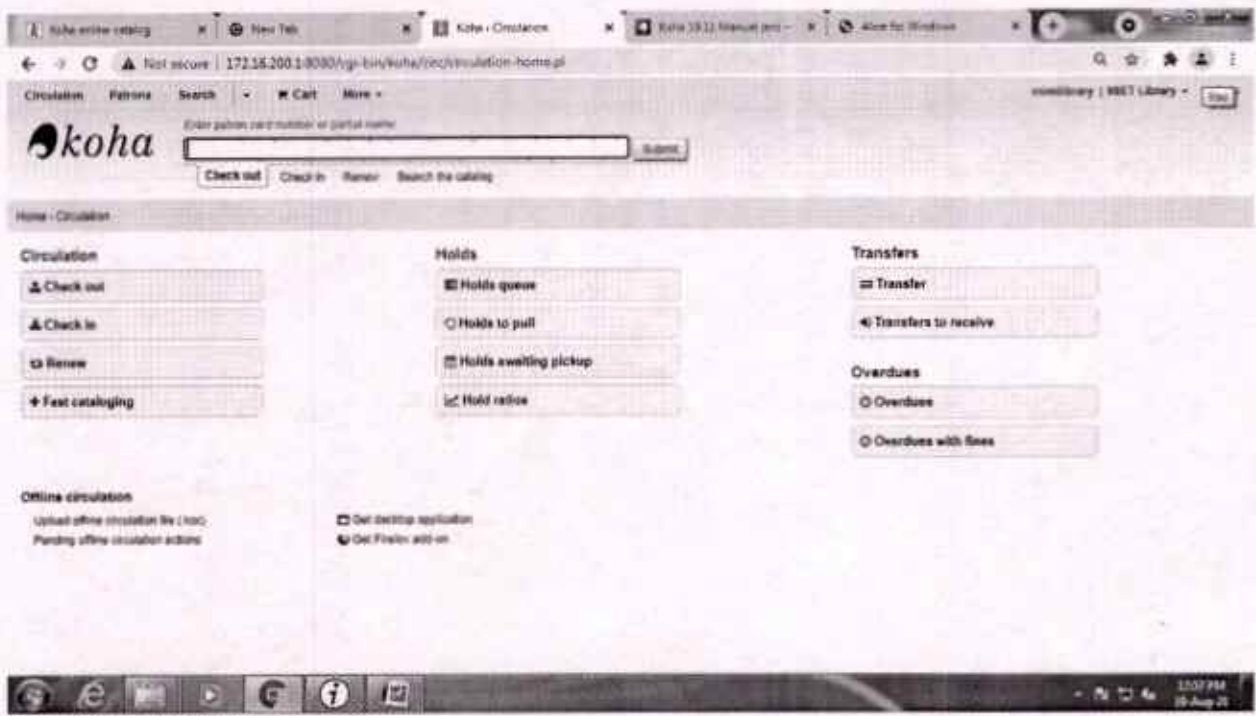
### Circulation Control

In this module we can perform activity like check out, check in and renew the books and other items and also hold and reserved the items. Fine of overdue of the items are also managed in this module. Some of the features are.

- Check-out and Check-in of books
- Book reservation/holds function
- Binding functionality
- Circulation history
- Renewal and Extension
- Overdue fines calculation

  
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Circulation Module

## Online Public Access Catalogue (OPAC)

OPAC is the premier interface for any library. Anyone who wishes to use a library's services would have the following questions, among others, even before stepping into the library.

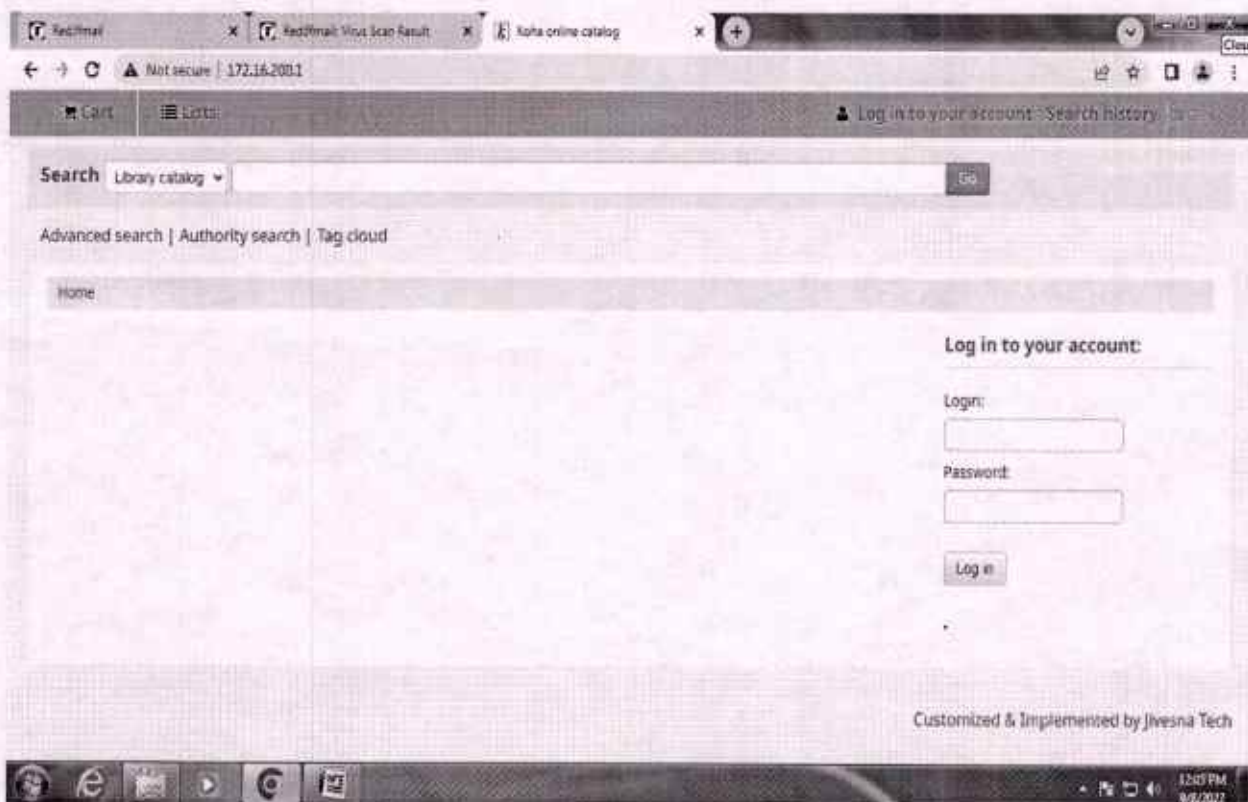
- How easy will it be to access the library's collections?
- What collections are available?
- I am an outsider, can I access the library?
- How much fees should I pay to access the library's services?
- What are the opening hours?


Whether it is an academic, corporate, or special library, OPAC caters to all information requirements about the library, and could be used to provide answers to all the above questions, and more such ones for library users at any point in time. The Web OPAC is where the library patron and its members interact with the library. OPAC should be more informative and should provide easily accessible details of the library collection or at least divert the patron/member to the required information. Some of the features are.

  
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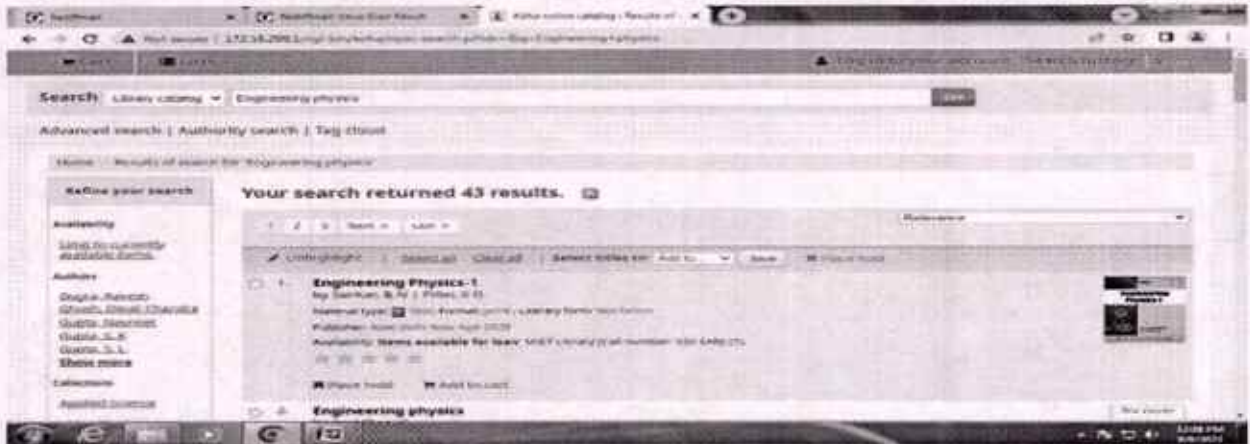
- Catalogue search
- Advanced search
- Reservation from OPAC
- Search limits
- Make purchase suggestion
- Displays
- Purchase Bag
- Downloading/saving/emailing of records

In advanced search user can search the items by author, title, subject, barcode, shelving location, ISBN, ISSN, publisher, publisher location, call number, publication date, etc also search the items types like books, CD's, journals, project report from any library available in same server.



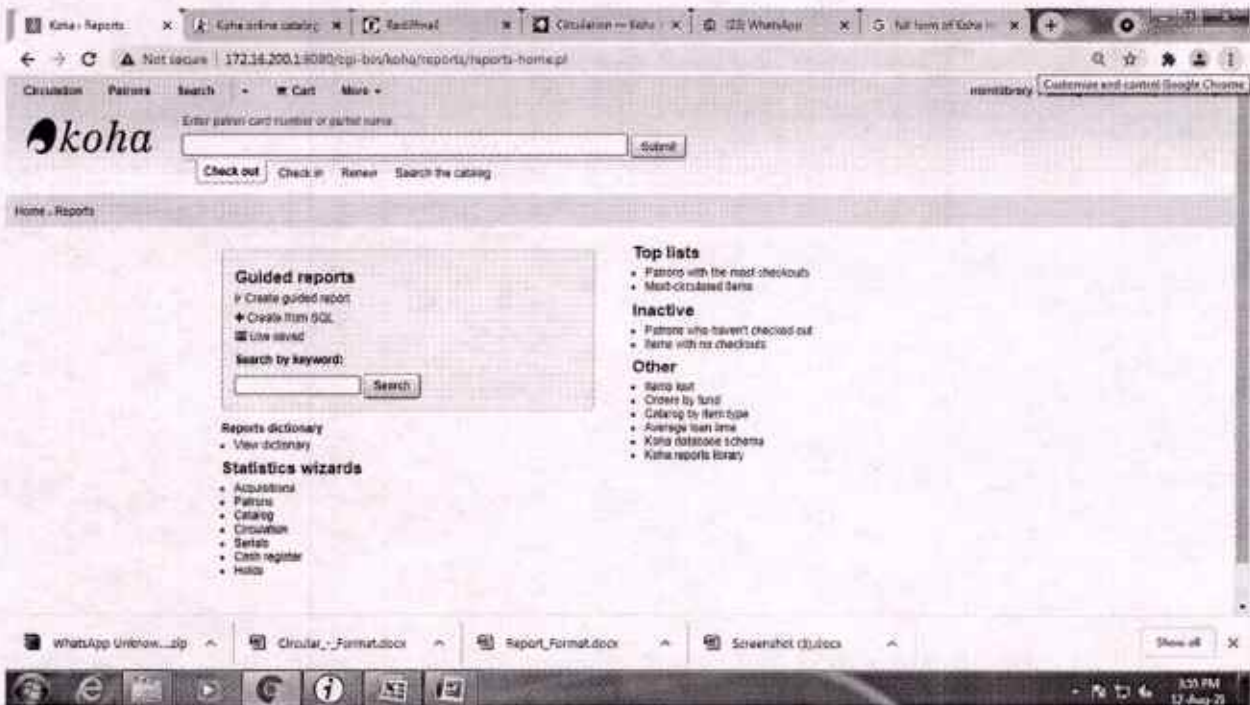
  
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## Customized OPAC



## Reports

Different types of reports can be generated from various approaches.



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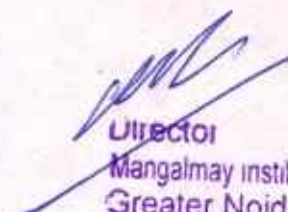
The screenshot shows the Koha library system interface. The main content area displays the 'Accession register prefixwise' report. The report title is 'Accession register prefixwise' and it shows 'Total number of results: 15016 (20 shown)'. The report is a table with the following columns: Author, Title, Edition, Place, ACC\_NO, Year, Pages, Volume, Price, Publisher, ACC\_DATE, Vendor, Classnumber, Booknumber, Bill no., and BRD. The table contains five rows of data for books by Stephen McGoughlin.

Author	Title	Edition	Place	ACC_NO	Year	Pages	Volume	Price	Publisher	ACC_DATE	Vendor	Classnumber	Booknumber	Bill no.	BRD
McGoughlin, Stephen	Multimedia : on the web		New Delhi	E00001	1997	XI:193p.		250.00	Pre Learning	2011-04-22	A. S. Distributors	006.7	MCG	2001	21/04
McGoughlin, Stephen	Multimedia : on the web		New Delhi	E00002	1997	XI:193p.		250.00	Pre Learning	2011-04-22	A. S. Distributors	006.7	MCG	2001	21/04
McGoughlin, Stephen	Multimedia : on the web		New Delhi	E00003	1997	XI:193p.		250.00	Pre Learning	2011-04-22	A. S. Distributors	006.7	MCG	2001	21/04
McGoughlin, Stephen	Multimedia : on the web		New Delhi	E00004	1997	XI:193p.		250.00	Pre Learning	2011-04-22	A. S. Distributors	006.7	MCG	2001	21/04
McGoughlin, Stephen	Multimedia : on the web		New Delhi	E00005	1997	XI:193p.		250.00	Pre Learning	2011-04-22	A. S. Distributors	006.7	MCG	2001	21/04

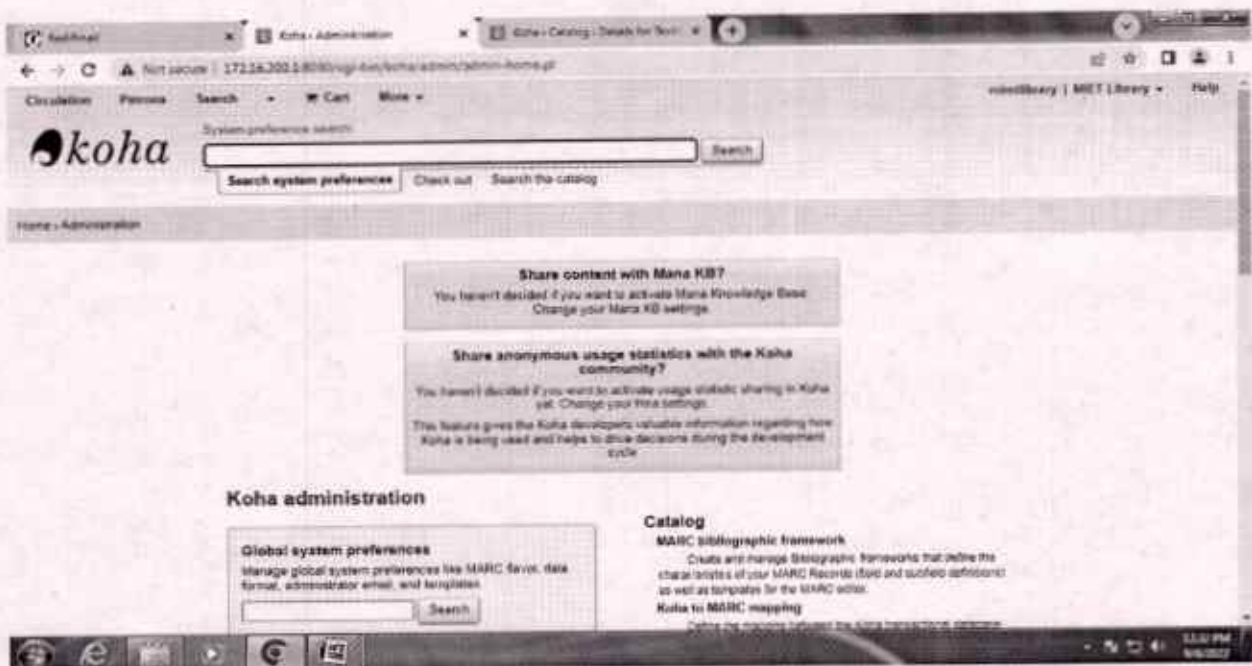
## Report Modul

### Administration and system setup

- Global system preferences
- General setup parameters
- Module specific setup
- Creating patron records
- Allow staffs to see limited modules
- Generating report for different modules
- Tools to manage features

  
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### Administration Module

#### Technical processing and database development

- Standards supported
- Import of MARC-21 records
- Editing records using the: MARC-21 template
- Editing Authority Files
- Advance Searching the Catalogue

#### Dual Database Design

Koha uses a dual database design that utilizes the strengths of the two major industry-standard database types, namely text-based database and RDBMS. This particular design feature ensures that Koha is scalable enough to meet the transaction load of any library, no matter what the size of the library is.

#### Library Standards Compliant

Koha has been built using established library standards and protocols that ensure smooth interoperability between Koha and other systems technologies, while supporting the existing workflows and tools.

#### Web-based Interfaces

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Koha's OPAC, circulation management and self-checkout interfaces are based on standards-compliant of World Wide Web technologies such as XHTML, CSS and Javascript, thus making Koha a truly platform- independent solution.


### Key Features

Koha is a comprehensive system that will intelligently run your library - large or small, real or virtual. Koha has most of the features expected in an ILS. This includes:

- A full featured modern integrated library system (ILS)
- Award winning and open source no license fee, ever!
- Linux, Unix, Windows and Mac OS platform
- Web-Based
- Copy cataloguing and z39.50
- MARC21 and UNIMARC for professional cataloguers
- Tailored catalogue module for special libraries
- Use as a document manager or digital library
- Manage online and off line resources with the same tool
- RSS feed of new acquisitions
- E-mail and/or txt patron's over dues and other notices
- Print your own barcodes
- Serials management module
- Full catalogue, circulation and acquisitions system for library stock management
- Web based OPAC system (allows the public to search the catalogue in the library and at home)
- Simple, clear search interface for all users
- Simple and comprehensive acquisition options

Koha enables multi-tasking which includes updates of circulation, cataloguing and simultaneous issues of library material.

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