

#### 4.2.1 – Library is Automated (Integrated Library Management System (ILMS))

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**Villupuram District, 605 105.**



# IFET College of Engineering

(A Unit of Indo French Educational Trust)

An Autonomous Institution

Approved by AICTE, Permanently Affiliated to Anna University  
Accredited by NAAC & NBA, Registered under Section 2(f) & 12 (B) of UGC Act - 1956

Recognized Research Centre of Anna University

IFET Nagar, Gangarampalayam PO, Villupuram- 605 108.

ACCREDITED  
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ACCREDITED  
COURSES

## CRITERION IV - INFRASTRUCTURE AND LEARNING RESOURCES

### 4.2 - Library as a Learning Resource

#### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

#### DECLARATION FOR THE YEAR 2023-2024

This is to certify that the library of the institution is automated and has been using **KOHA** software with barcode technology.

The library's KOHA user manual is enclosed as proof.

LIBRARIAN

CRITERION INCHARGE

IQAC COORDINATOR

PRINCIPAL

Dr. G. MAHENDRAN, B.E., M.Tech., Ph.D.

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## About the Library

Our College Library is automated with ILMS software as detailed below.

- Name of the ILMS Software: KOHA
- Nature of Automation (fully or partially): Fully
- Version: 22.04
- Year of Automation: 2003 (KOHA-2022)

The Central Library was started in the year 1998 along with the establishment of the college and relocated to the new block named Dr.A.P.J.Abdul Kalam block in the year 2008. The library has a large variety of books and journals on all aspects of engineering and technology. The Dewey Decimal Classification (DDC) is followed for classification and arrangement of books. It is a Learning Resource Center and offer Library services to all the students, Research Scholars, Faculty members and all other staff members. The reference section, CAS (Current Awareness service), Reprographic service, Newspaper clipping and Periodicals section are the basic services provided in the library.

The Library is computerized and automated by using KOHA software integrated with Barcode Technology, which is connected to the campus wide network. It enables user community of library to access the OPAC in order to search the library resources. OPAC facility is available for retrieving books and other learning materials of the Library including CDs, Project reports and previous year question papers. The Open Access System is used to provide maximum access to the library.

One E-books server loaded with CALIBRE-eBook management software has been installed for accessing the E-books and another server with DSpace software as Institutional repository. Both can be accessed on the campus wide network.

The Multimedia Resource Centre service provided to the students that can be used to further their education. In addition to its institutional membership in DELNET (Developing Library Network, New Delhi), Springer Natures E-journals, National Digital Library of India (NDL), E-ShodhSindhu and Shodhganga, IFETCE has a wide range of accessibility.

  
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The details of the total number of books are listed below:

Departments	Books	
	Titles	Vol.
Mechanical Engineering	1131	5657
Civil Engineering	468	2341
Electrical & Electronics Engineering	851	4257
Electronics & Communication Engineering	1364	6818
Computer Science Engineering , AIDS, AIML, IT	2325	11627
Business Administration	614	3065
Humanities & Science (including General)	1074	5370
<b>Total</b>	<b>7827</b>	<b>39135</b>

Central Library	
Carpet Area (in m <sup>2</sup> )	800 (8342.875 sq.Ft)
Reading area (in m <sup>2</sup> )	344
Number of seats in reading space	200
Timings	8.00 am to 8.00 pm
Number of library staff	4
Facilities	KOHA, DELNET Consortium, IESTC, Springer, Digital Library, OPAC,
Total Volumes	39135
Total titles	7827
Technical Journals Hard copy	-
Technical journals Soft copy	1830
Scholarly Journal Titles	972+332
Availability of server/Internet	YES (100 MBPS)
Availability of digital library contents	1886

## Library Automation

The library services are fully automated using Integrated Library Management System. All the transactions are fully computerized and all the documents are bar-coded. The bar-coded ID with Scanners is used for issue and return of books.

## Web OPAC:

Web Online Public Access Catalogue (Web OPAC) has been provided to the user. The user can browse and retrieve the library resources. OPAC module works on both the intranet and Internet environment.

Intranet: <http://selifet/cgi-bin/koha/opac.main.pl>

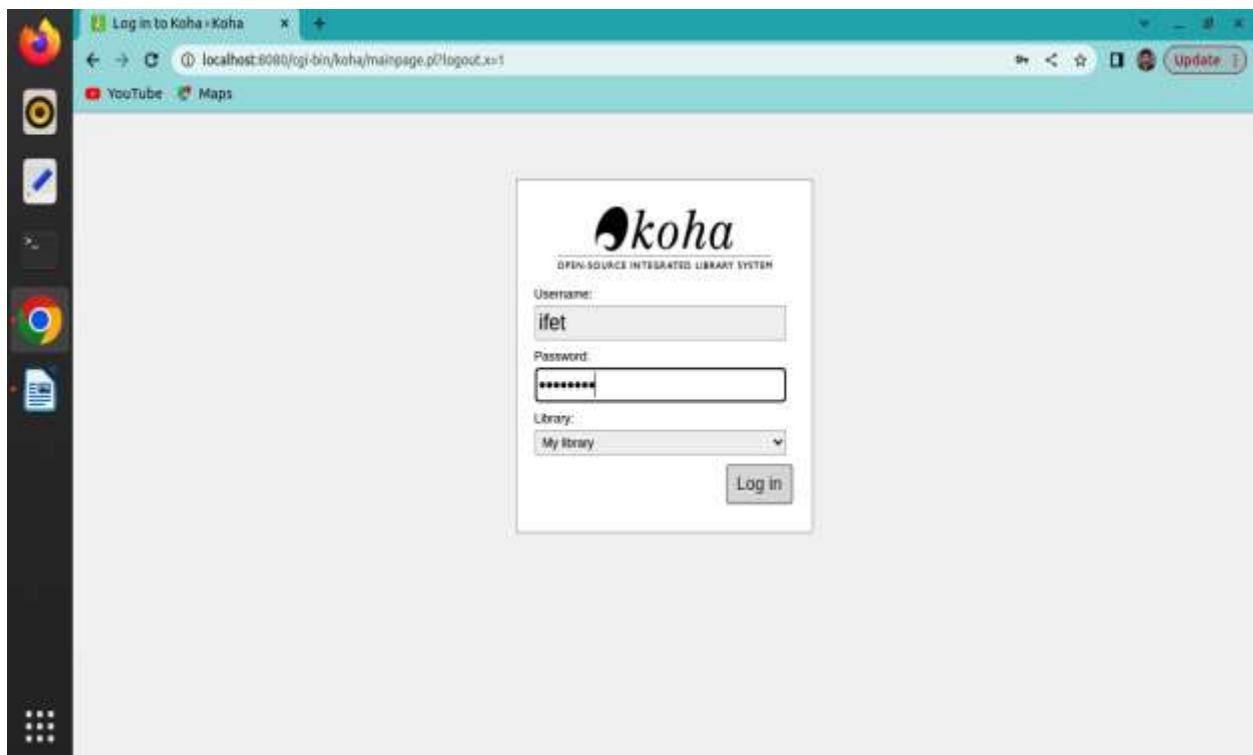
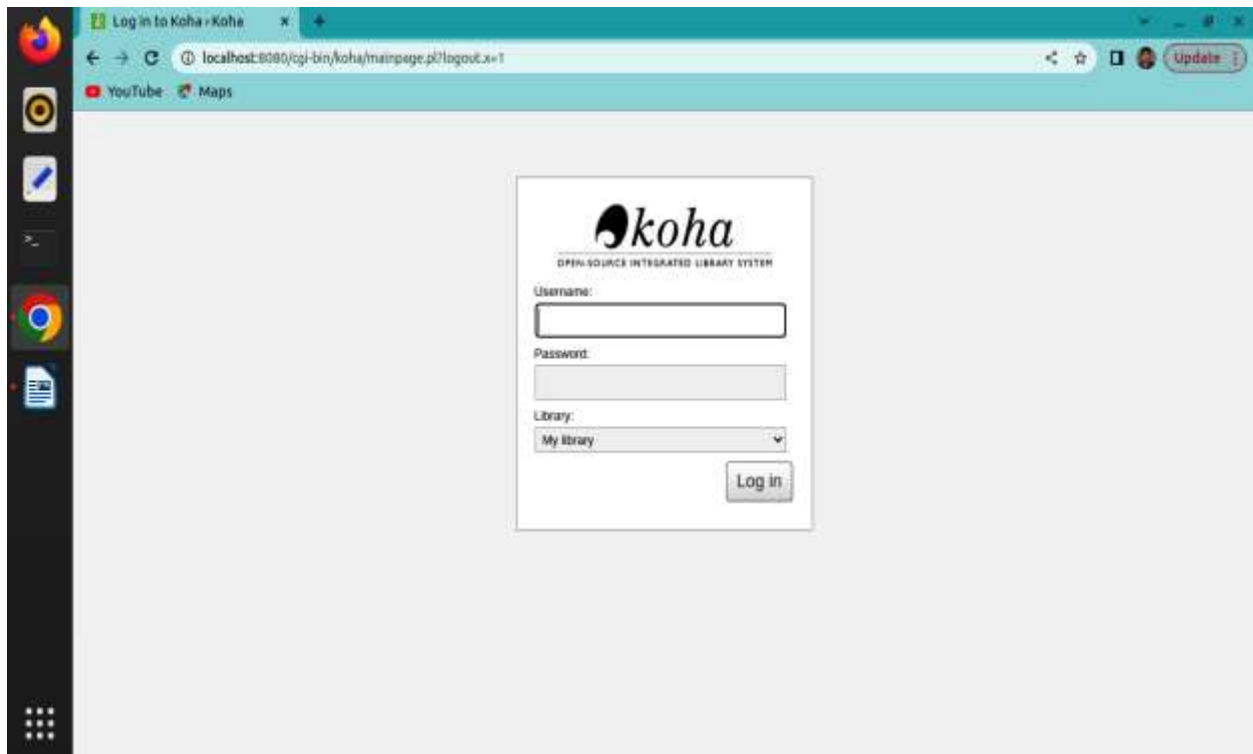
Internet:

Sufficient numbers of systems are available in the Digital Library Section with Internet access facility to access the e- resources. Users can access for educational, research and development purpose. Non-book materials such as CDs, DVDs, text book tutorial CDs and periodical's CDs are also kept in the Library. NPTEL materials are also available.

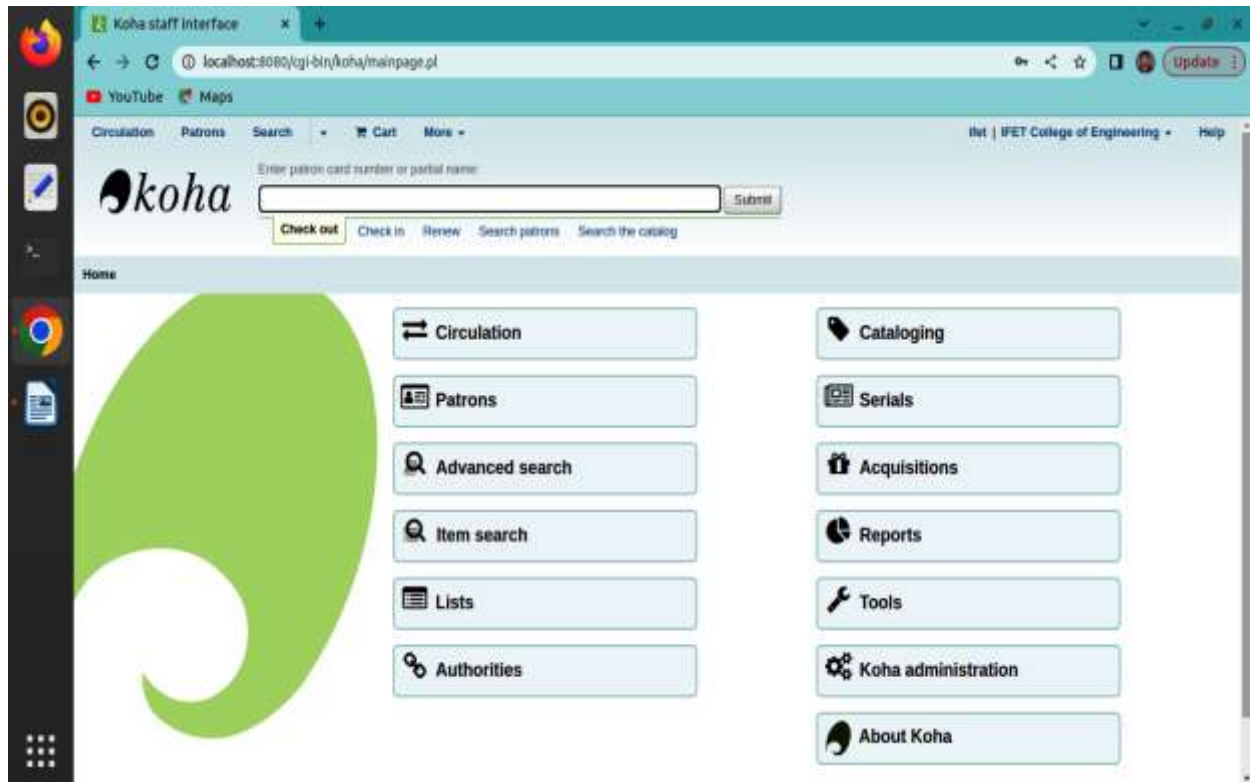
  
**Dr. G. MAHENDRAN, B.E., M.Tech., Ph.D.,**  
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## KOHA Library Management Software

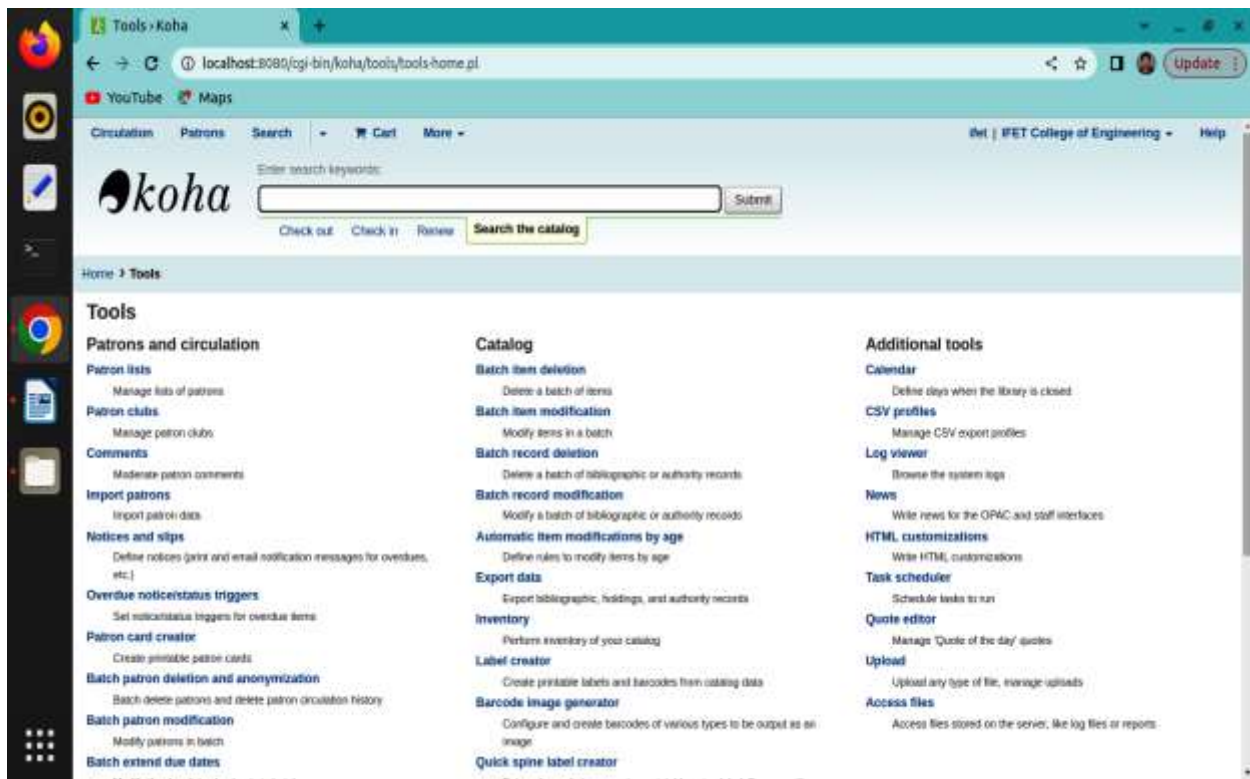
### Screenshots LMS Front Page



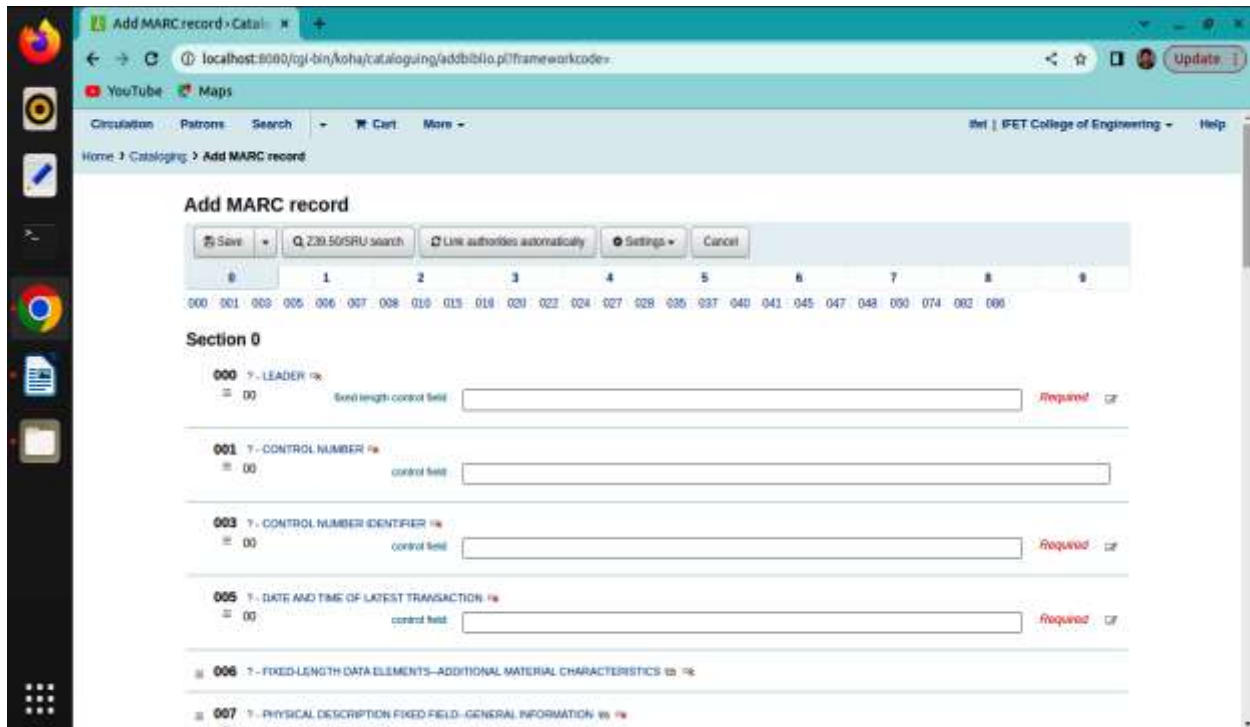




## KOHA Tools



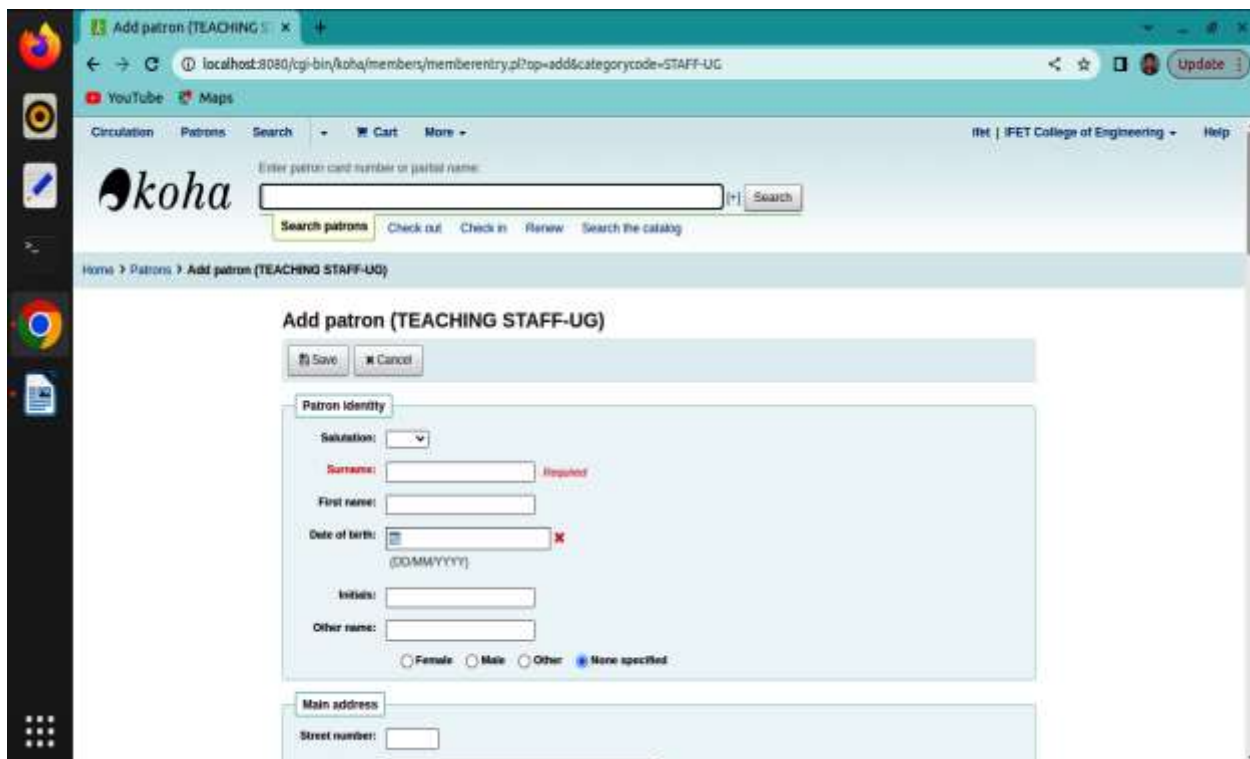
## Add New Book Entry



The screenshot shows the 'Add MARC record' form in the Koha library system. The browser address bar shows 'localhost:8080/cgi-bin/koha/cataloging/addbiblio.pl?frameworkcode=...'. The form includes a header with 'Add MARC record' and buttons for 'Save', 'Q Z39.50/SRU search', 'Link authorities automatically', 'Settings', and 'Cancel'. Below the header is a table with columns 000 through 009. The 'Section 0' section contains the following fields:

- 000 1 - LEADER**: A text field with '00' entered. A red 'Required' label is present.
- 001 1 - CONTROL NUMBER**: A text field with '00' entered.
- 003 1 - CONTROL NUMBER IDENTIFIER**: A text field with '00' entered. A red 'Required' label is present.
- 005 1 - DATE AND TIME OF LATEST TRANSACTION**: A text field with '00' entered. A red 'Required' label is present.
- 006 1 - FIXED-LENGTH DATA ELEMENTS--ADDITIONAL MATERIAL CHARACTERISTICS**: A text field.
- 007 1 - PHYSICAL DESCRIPTION FIXED FIELD--GENERAL INFORMATION**: A text field.

## Member Entry



The screenshot shows the 'Add patron (TEACHING STAFF-UG)' form in the Koha library system. The browser address bar shows 'localhost:8080/cgi-bin/koha/members/memberentry.pl?op=add&categorycode=STAFF-UG'. The form includes a header with 'Add patron (TEACHING STAFF-UG)' and buttons for 'Save' and 'Cancel'. Below the header is a section for 'Patron identity' with the following fields:

- Salutation**: A dropdown menu.
- Surname**: A text field with a red 'Required' label.
- First name**: A text field.
- Date of birth**: A text field with a red 'X' icon and a red 'Required' label. The format '(DD/MM/YYYY)' is indicated below the field.
- Initials**: A text field.
- Other name**: A text field.
- Gender**: Radio buttons for 'Female', 'Male', 'Other', and 'None specified' (which is selected).

Below the 'Patron identity' section is a 'Main address' section with a 'Street number' text field.





Firefox browser window showing the Koha library system interface. The address bar shows: localhost:3080/cgi-bin/koha/members/memberentry.pl?op=add&categorycode=PG-ST. The page title is "Add patron (PG Student)".

The Koha logo is visible at the top left. Below it, there is a search bar with the placeholder text "Enter patron card number or partial name:". To the right of the search bar is a "Search" button. Below the search bar are links: "Search patrons", "Check out", "Check in", "Renew", and "Search the catalog".

The main heading is "Add patron (PG Student)". Below this heading are "Save" and "Cancel" buttons. The form is divided into sections:

- Patron identity**
  - Selutation:
  - Surname:  (Required)
  - First name:
  - Date of birth:  (DDMM/YYYY) (with a red 'X' icon)
  - Initials:
  - Other name:
  - Gender: ☐ Female ☐ Male ☐ Other ☒ None specified
- Main address**
  - Street number:

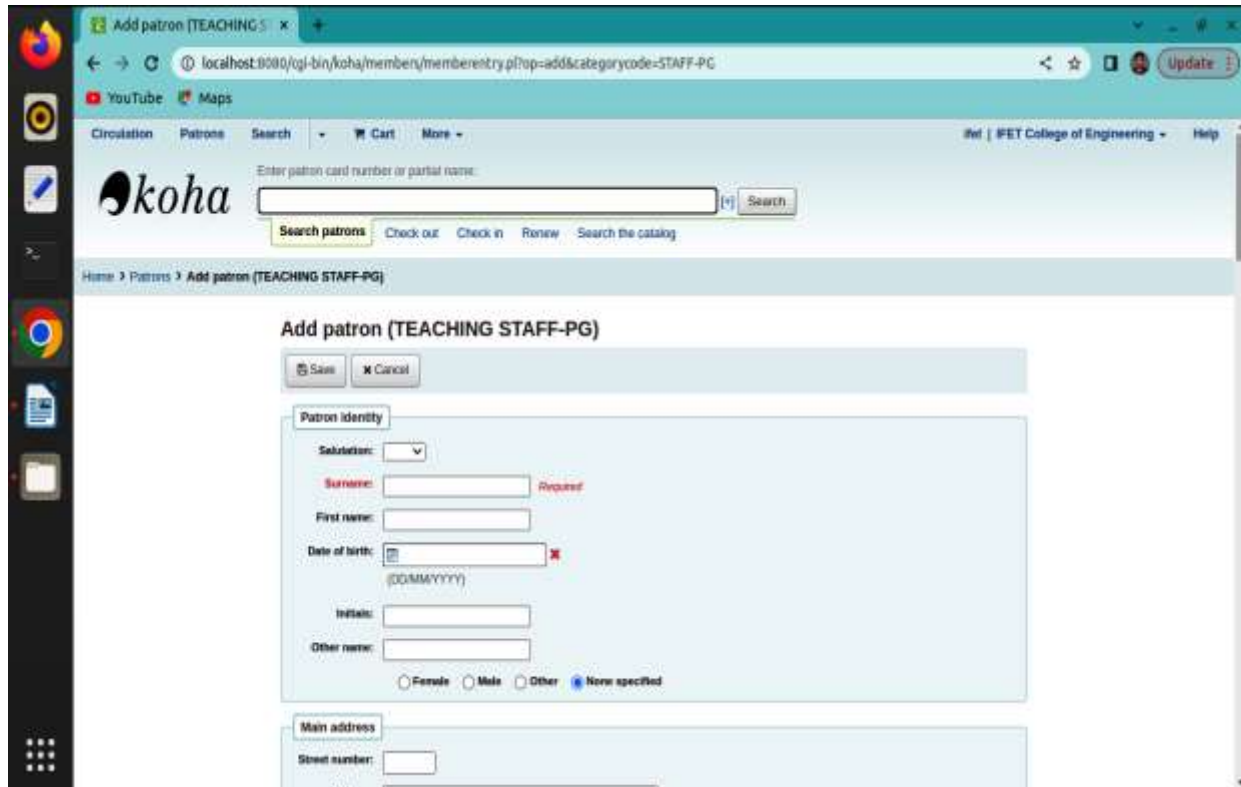
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  - Selutation:
  - Surname:  (Required)
  - First name:
  - Date of birth:  (DDMM/YYYY) (with a red 'X' icon)
  - Initials:
  - Other name:
  - Gender: ☐ Female ☐ Male ☐ Other ☒ None specified
- Main address**
  - Street number:





The screenshot shows the 'Add patron (TEACHING STAFF-PG)' form in the Koha library system. The form is titled 'Add patron (TEACHING STAFF-PG)' and includes a 'Save' button and a 'Cancel' button. The form is divided into two main sections: 'Patron identity' and 'Main address'.

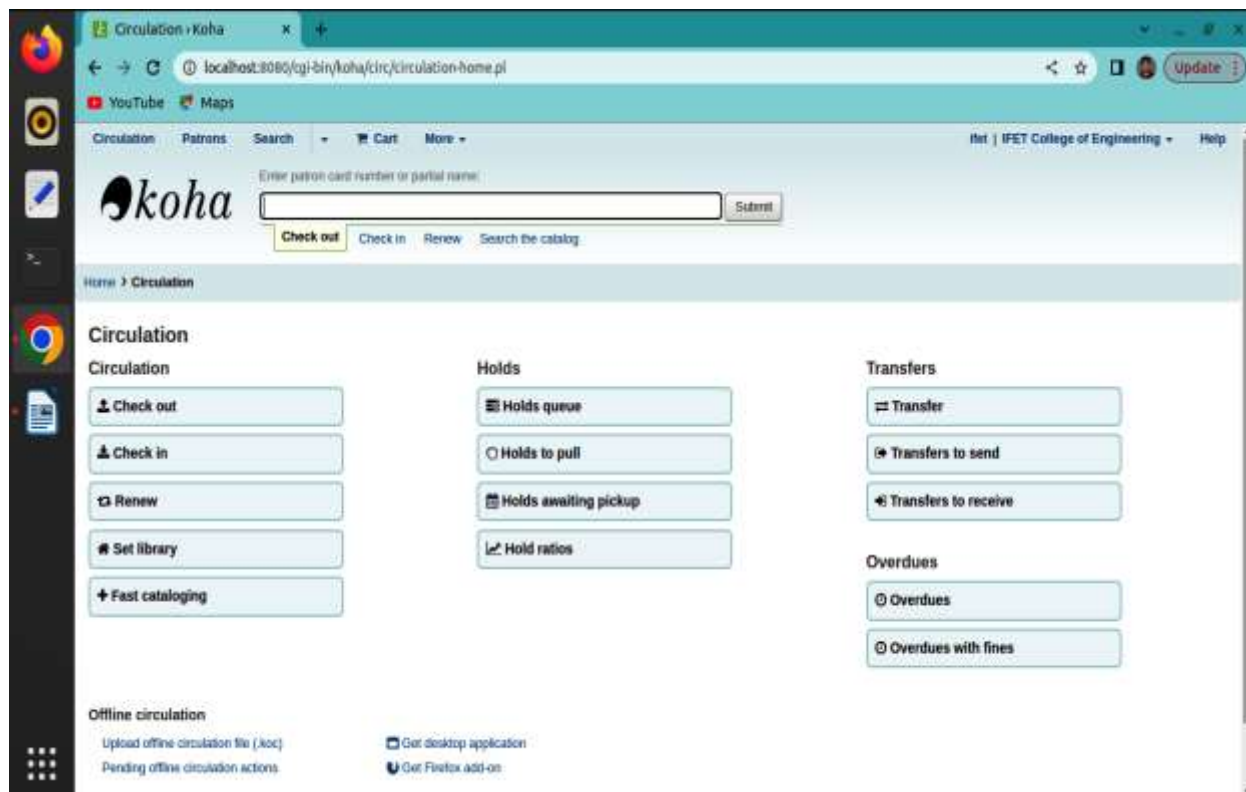
**Patron identity section:**

- Surname:** A text input field with a red 'Required' label.
- First name:** A text input field.
- Date of birth:** A date picker with a red 'x' icon and a format '(DD/MM/YYYY)' below it.
- Initials:** A text input field.
- Other name:** A text input field.
- Gender:** Radio buttons for 'Female', 'Male', 'Other', and 'None specified' (which is selected).

**Main address section:**

- Street number:** A text input field.

## Circulation Issue/Return



The screenshot shows the 'Circulation' home page in the Koha library system. The page is titled 'Circulation' and includes a search bar and a 'Submit' button. The page is divided into three main sections: 'Circulation', 'Holds', and 'Transfers'.

**Circulation section:**

- Check out:** A button.
- Check in:** A button.
- Renew:** A button.
- Set library:** A button.
- Fast cataloging:** A button.

**Holds section:**

- Holds queue:** A button.
- Holds to pull:** A button.
- Holds awaiting pickup:** A button.
- Hold ratios:** A button.

**Transfers section:**

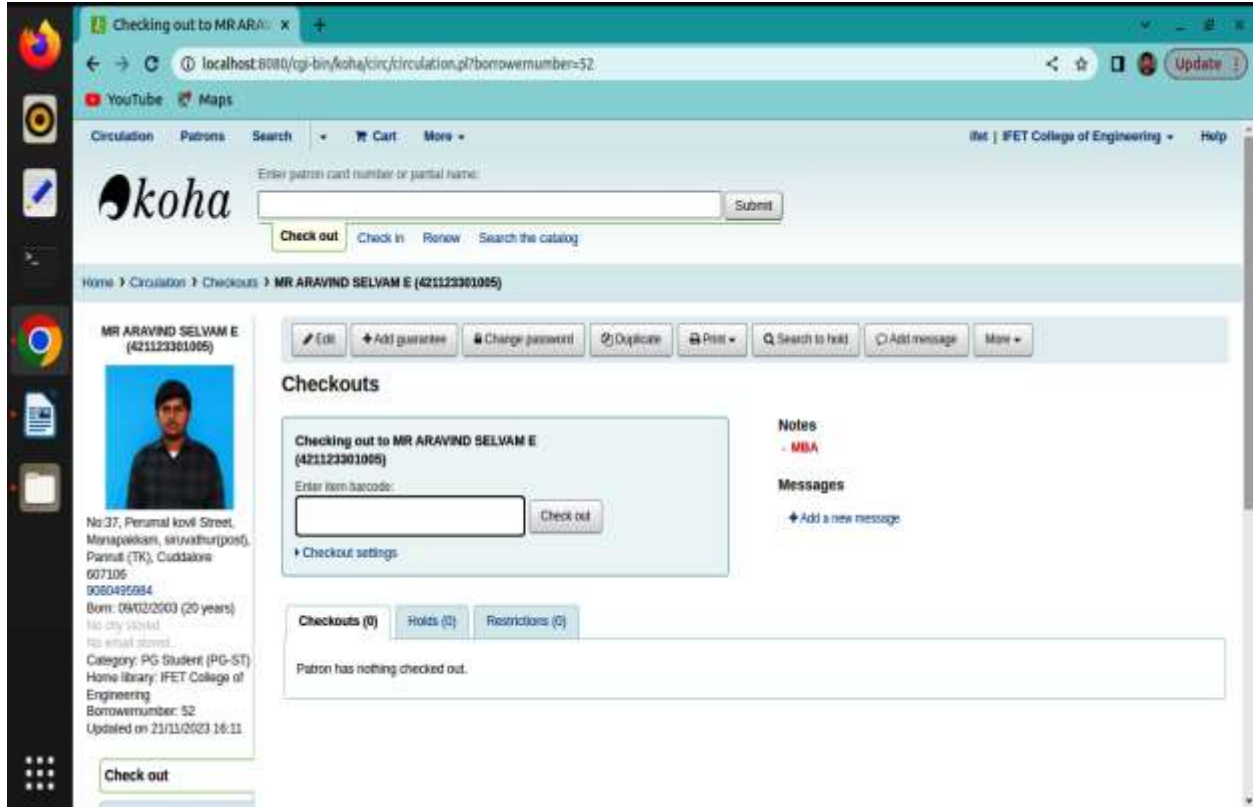
- Transfer:** A button.
- Transfers to send:** A button.
- Transfers to receive:** A button.

**Overdues section:**

- Overdues:** A button.
- Overdues with fines:** A button.

**Offline circulation section:**

- Upload offline circulation file (.loc):** A button.
- Pending offline circulation actions:** A button.
- Get desktop application:** A button.
- Get Firefox add-on:** A button.



Checking out to MR ARAVIND SELVAM E (421123301005)

**Patron Information:**  
 No 37, Perumal kovil Street, Managakkam, shivathur (post), Paruthi (TK), Cuddalore 607106  
 9080495984  
 Born: 06/02/2003 (20 years)  
 No email stored.  
 Category: PG Student (PG-ST)  
 Home library: IFET College of Engineering  
 Borrowernumber: 52  
 Updated on 23/11/2023 16:11

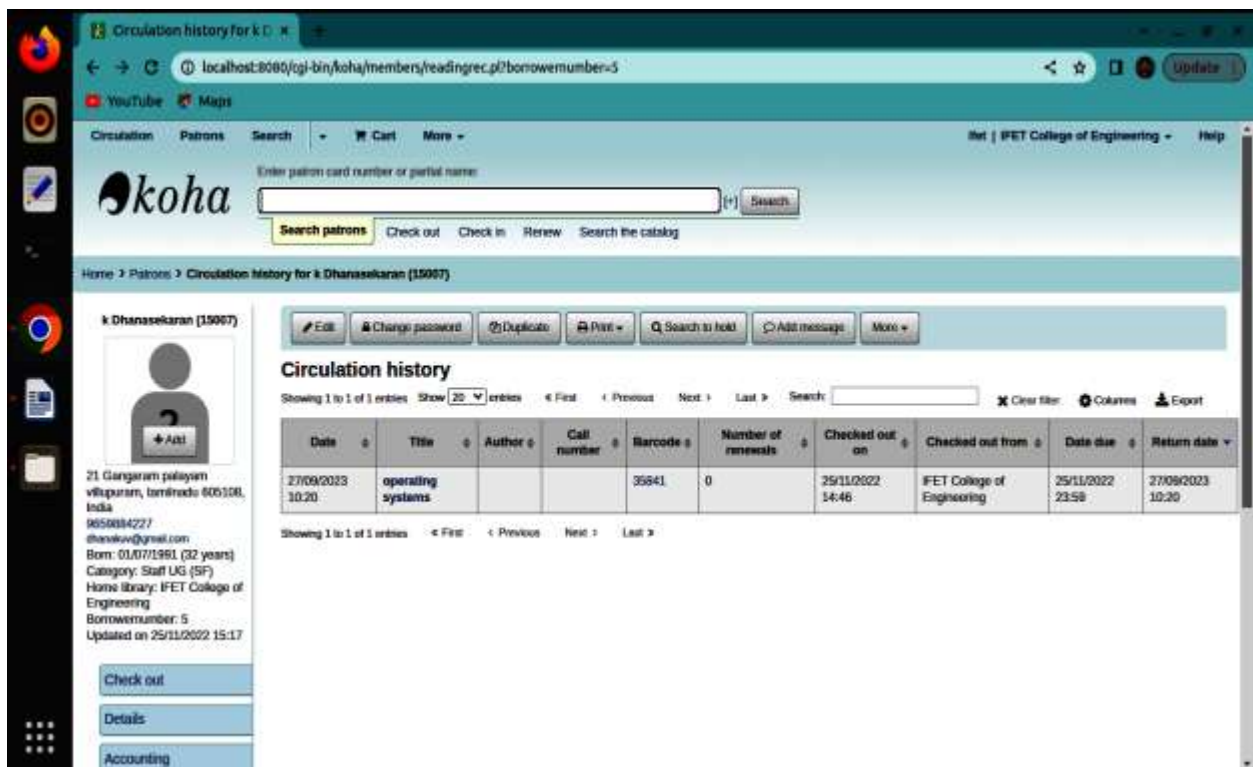
**Checkouts:**  
 Checking out to MR ARAVIND SELVAM E (421123301005)  
 Enter item barcode:    
 Checkout settings

**Notes:**  
 - MBA

**Messages:**  
 Add a new message

**Checkouts (0) Holds (0) Restrictions (0)**  
 Patron has nothing checked out.

## Circulation Report Issue/Report



Circulation history for k Dhanasekaran (15907)

**Patron Information:**  
 21 Gangaram palayam villupuram, tamirnadu 605108, India  
 9650084227  
 dhanasekaran@gmail.com  
 Born: 01/07/1961 (32 years)  
 Category: Staff UG (SF)  
 Home library: IFET College of Engineering  
 Borrowernumber: 5  
 Updated on 25/11/2022 15:17

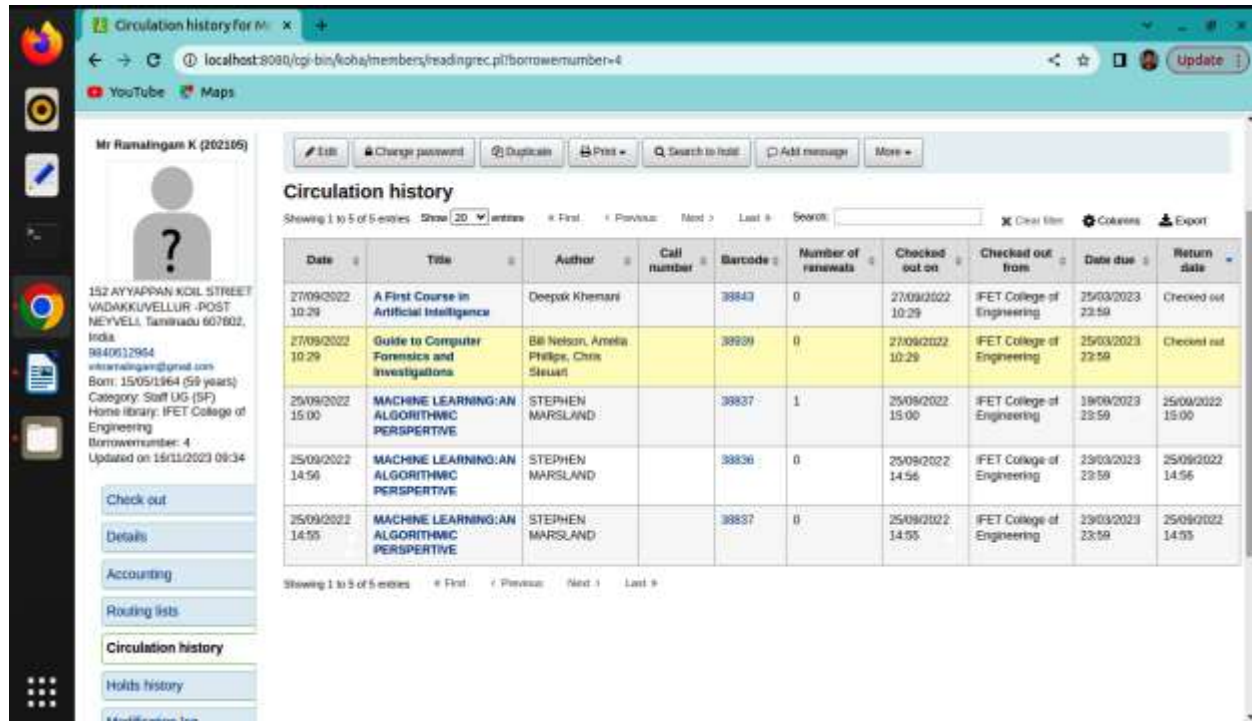
**Circulation history**  
 Showing 1 to 1 of 1 entries Show 20 entries

Date	Title	Author	Call number	Barcode	Number of renewals	Checked out on	Checked out from	Date due	Return date
27/09/2023 10:20	operating systems			35641	0	25/11/2022 14:46	IFET College of Engineering	25/11/2022 23:58	27/09/2023 10:20

Showing 1 to 1 of 1 entries < First < Previous Next > Last >



## Circulation History



Mr Ramalingam K (2023105)

152 AIYAPPAN KOIL STREET  
VADAKKUVELLUR -POST  
NEYVELL, Tamilnadu 607602,  
India  
9840512954  
ekramalingam@gmail.com  
Born: 15/05/1964 (59 years)  
Category: Staff UG (SF)  
Home library: IFET College of Engineering  
Borrowernumber: 4  
Updated on 18/11/2023 09:34

Check out  
Details  
Accounting  
Routing lists  
Circulation history  
Holds history  
Manifestation list

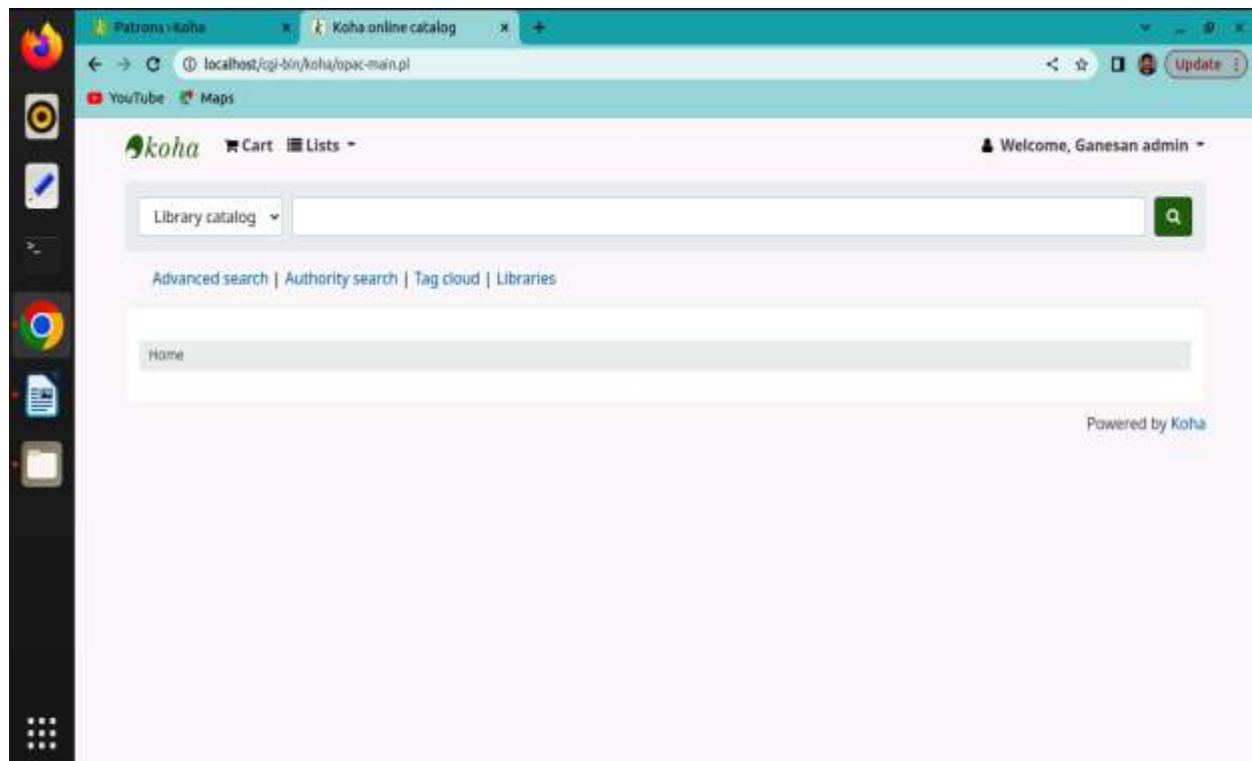
**Circulation history**

Showing 1 to 5 of 5 entries Show 20 entries First Previous Next Last Search: Clear filter Columns Export

Date	Title	Author	Call number	Barcode	Number of renewals	Checked out on	Checked out from	Date due	Return date
27/09/2022 10:29	A First Course in Artificial Intelligence	Deepak Khemani		39843	0	27/09/2022 10:29	IFET College of Engineering	25/03/2023 23:59	Checked out
27/09/2022 10:29	Guide to Computer Forensics and Investigations	Bill Nelson, Amelia Phillips, Chris Stewart		39939	0	27/09/2022 10:29	IFET College of Engineering	25/03/2023 23:59	Checked out
25/09/2022 15:00	MACHINE LEARNING: AN ALGORITHMIC PERSPECTIVE	STEPHEN MARSLAND		39837	1	25/09/2022 15:00	IFET College of Engineering	19/08/2023 23:59	25/09/2022 15:00
25/09/2022 14:56	MACHINE LEARNING: AN ALGORITHMIC PERSPECTIVE	STEPHEN MARSLAND		39836	0	25/09/2022 14:56	IFET College of Engineering	19/03/2023 23:59	25/09/2022 14:56
25/09/2022 14:55	MACHINE LEARNING: AN ALGORITHMIC PERSPECTIVE	STEPHEN MARSLAND		39837	0	25/09/2022 14:55	IFET College of Engineering	19/03/2023 23:59	25/09/2022 14:55

Showing 1 to 5 of 5 entries First Previous Next Last

## Online Public Access Catalogue(OPAC)



Patrons: Koha Koha online catalog

localhost/cgi-bin/koha/opac-main.pl

YouTube Maps

**koha** Cart Lists

Welcome, Ganesan admin

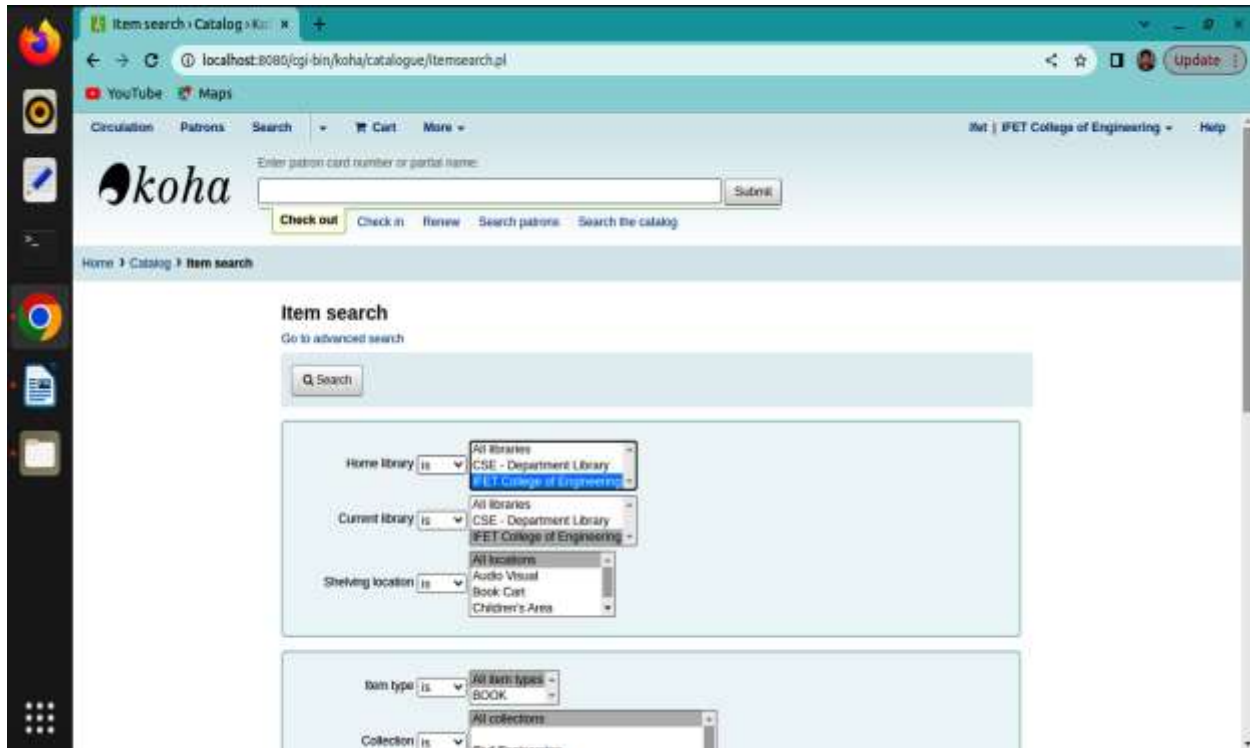
Library catalog

Advanced search | Authority search | Tag cloud | Libraries

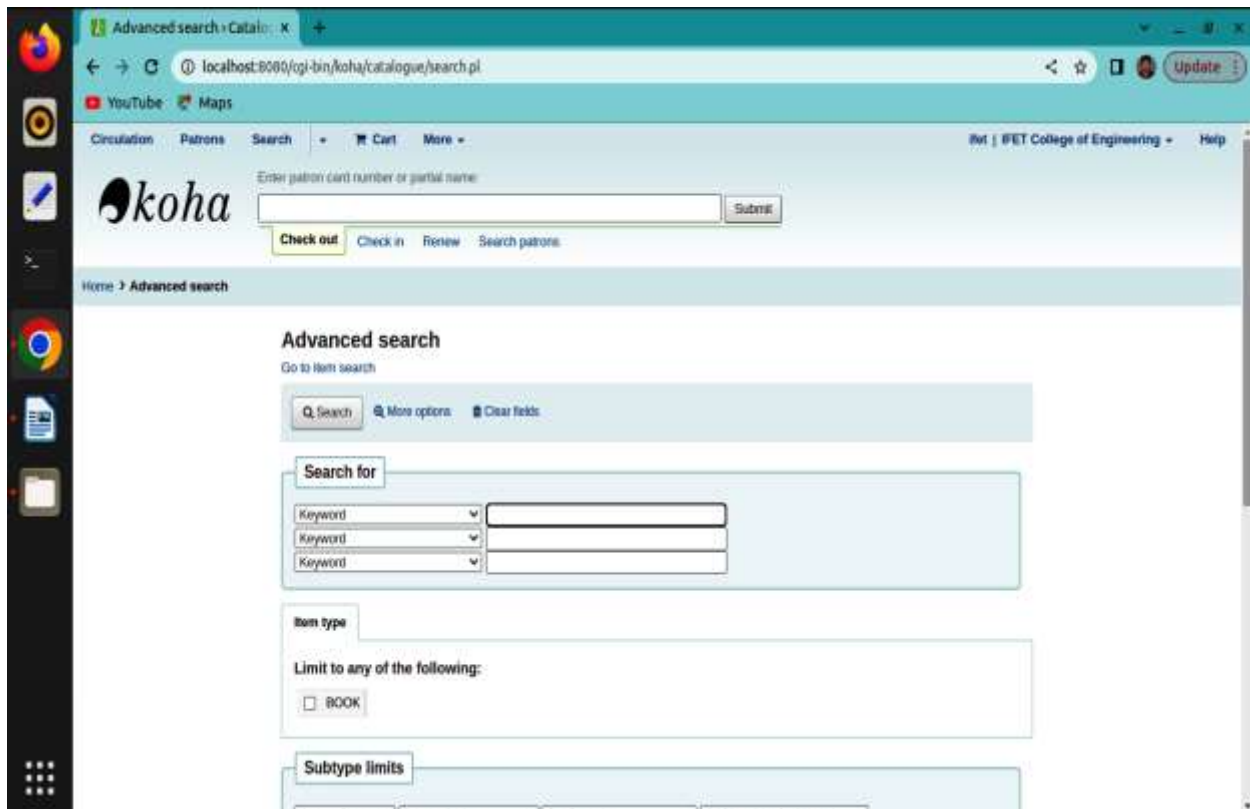
Home

Powered by Koha

## Book Search



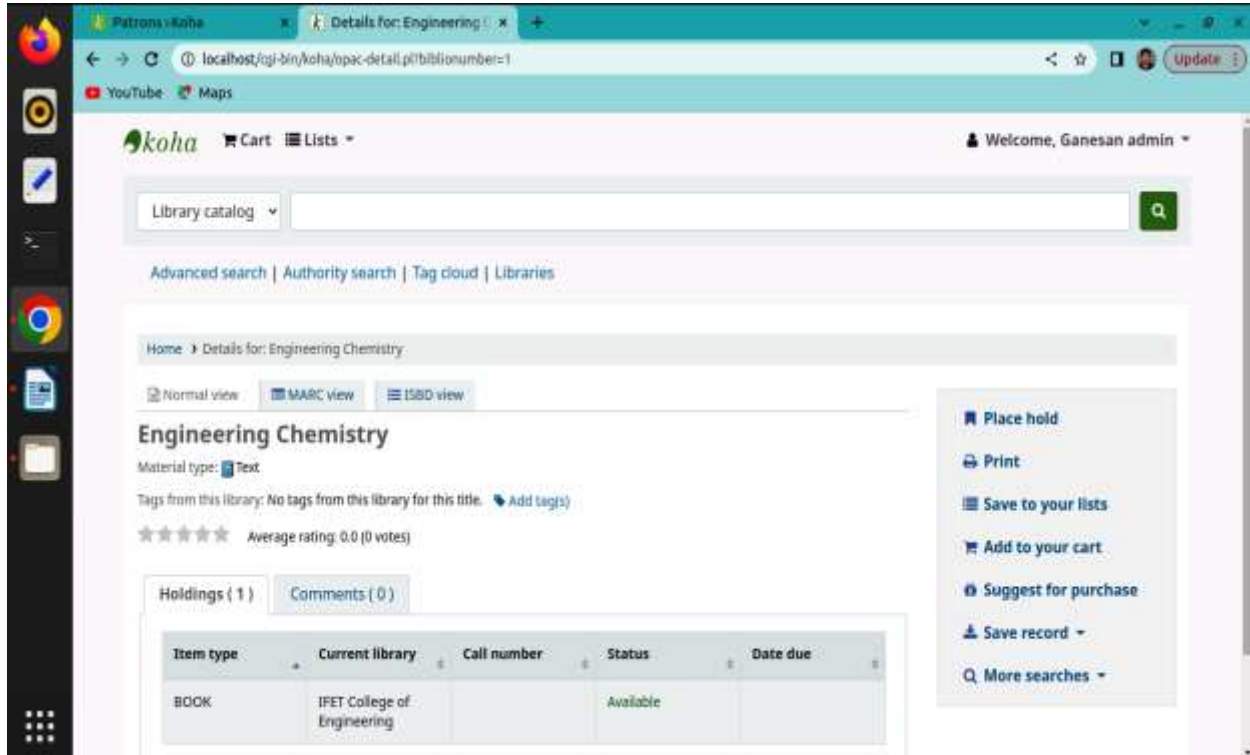
The screenshot shows the Koha Item Search page. The browser address bar displays `localhost:8080/cgi-bin/koha/catalogue/itemsearch.pl`. The page features a navigation bar with links for Circulation, Patrons, Search, Cart, and More. Below the navigation bar is a search bar with the placeholder text "Enter patron card number or partial name:" and a "Submit" button. A "Check out" button is also visible. The main content area is titled "Item search" and includes a "Go to advanced search" link. A search box with a magnifying glass icon and the word "Search" is present. Below this, there are several dropdown menus for filtering results: "Home library" (with options: All libraries, CSE - Department Library, IFET College of Engineering), "Current library" (with options: All libraries, CSE - Department Library, IFET College of Engineering), "Shelving location" (with options: All locations, Audio Visual, Book Cart, Children's Area), "Item type" (with options: All item types, BOOK), and "Collection" (with options: All collections, Full Collection).



The screenshot shows the Koha Advanced Search page. The browser address bar displays `localhost:8080/cgi-bin/koha/catalogue/search.pl`. The page features a navigation bar with links for Circulation, Patrons, Search, Cart, and More. Below the navigation bar is a search bar with the placeholder text "Enter patron card number or partial name:" and a "Submit" button. A "Check out" button is also visible. The main content area is titled "Advanced search" and includes a "Go to item search" link. A search box with a magnifying glass icon and the word "Search" is present. Below this, there are several input fields for searching: "Search for" (with a dropdown menu for "Keyword" and a text input field), "Item type" (with a dropdown menu for "Limit to any of the following:" and a checkbox for "BOOK"), and "Subtype limits" (with a dropdown menu for "Limit to any of the following:" and a checkbox for "BOOK").



## Search Result



Patrons > Koha Details for: Engineering Chemistry

localhost/cgi-bin/koha/opac-detail.pl?bibidnumber=1

Library catalog

Advanced search | Authority search | Tag cloud | Libraries

Home > Details for: Engineering Chemistry

Normal view MARC view ISBD view

### Engineering Chemistry

Material type: Text

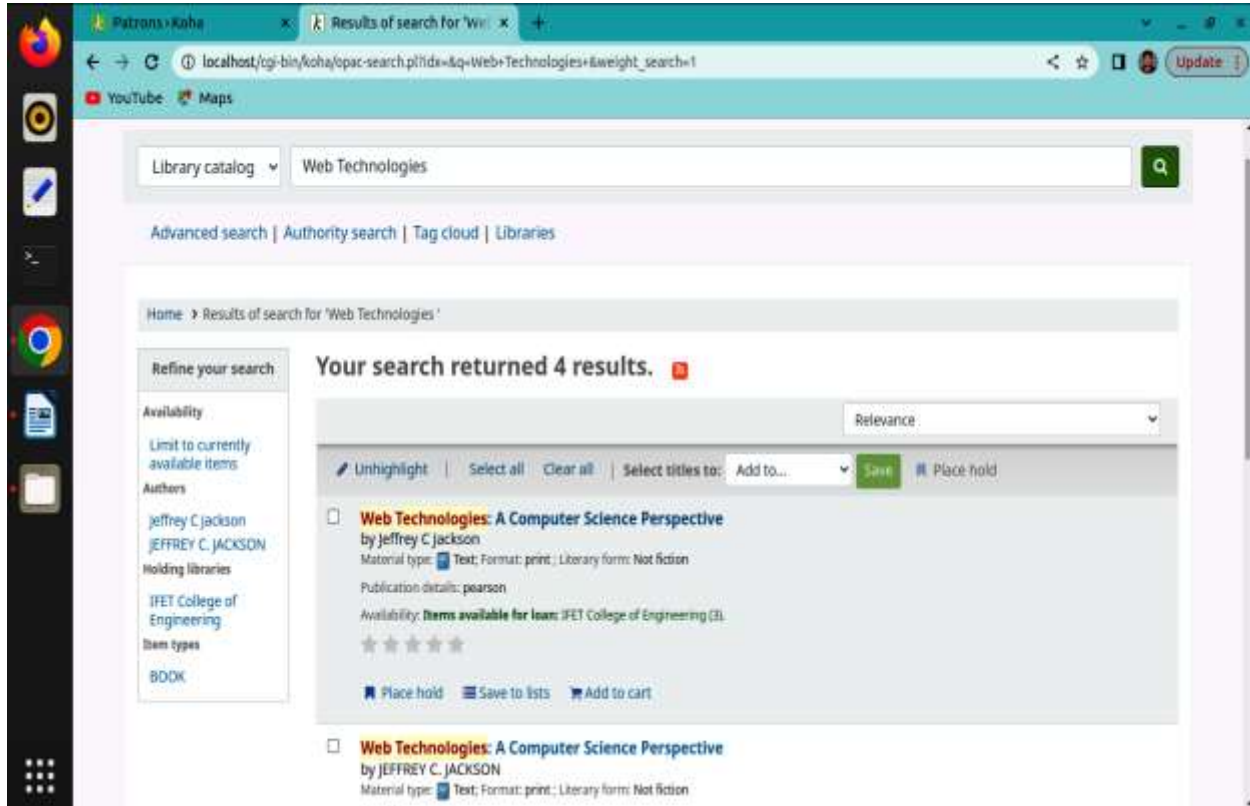
Tags from this library: No tags from this library for this title. [Add tags](#)

★★★★★ Average rating: 0.0 (0 votes)

Holdings (1) Comments (0)

Item type	Current library	Call number	Status	Date due
BOOK	IFET College of Engineering		Available	

Place hold  
 Print  
 Save to your lists  
 Add to your cart  
 Suggest for purchase  
 Save record  
 More searches



Patrons > Koha Results of search for 'Web Technologies'

localhost/cgi-bin/koha/opac-search.pl?idx=&q=Web+Technologies&weight\_search=1

Library catalog  Web Technologies

Advanced search | Authority search | Tag cloud | Libraries

Home > Results of search for 'Web Technologies'

Refine your search

Availability  
 Limit to currently available items

Authors  
 jeffrey C Jackson  
 JEFFREY C. JACKSON

Holding libraries  
 IFET College of Engineering

Item types  
 BOOK

### Your search returned 4 results.

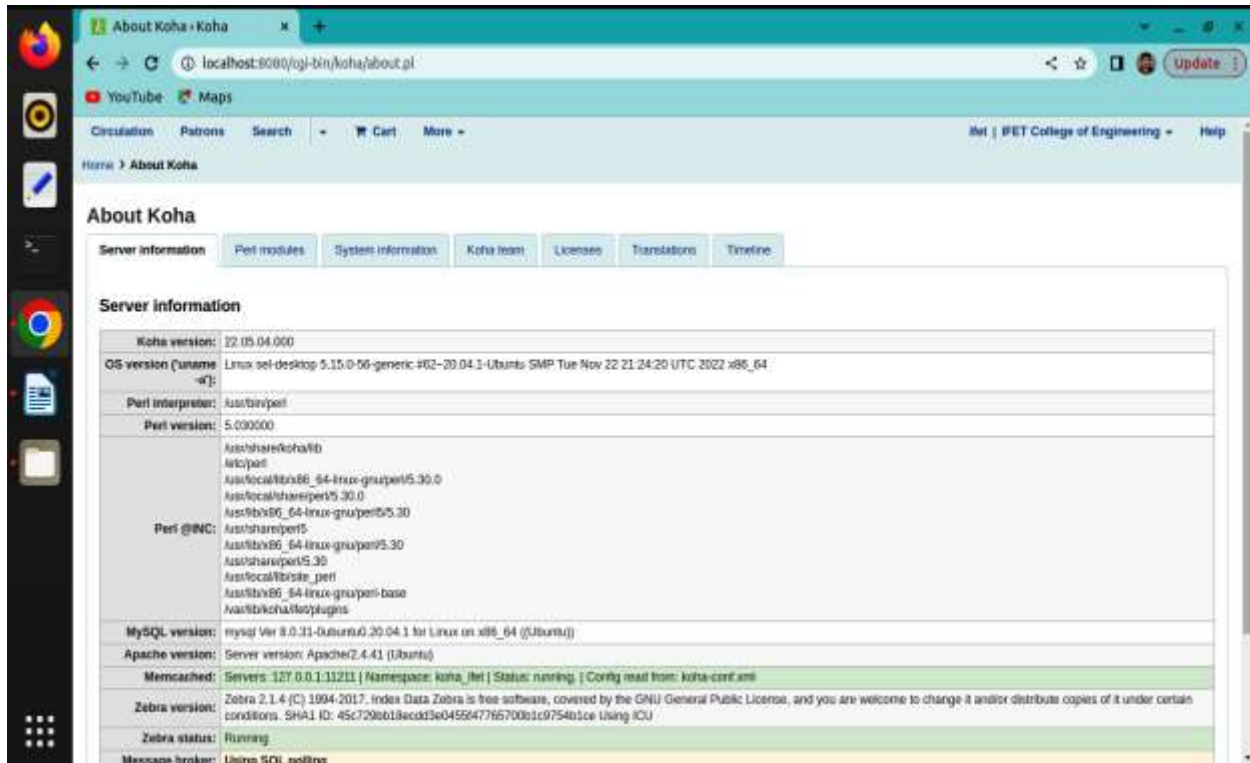
Relevance

Unhighlight | Select all | Clear all | Select titles to: Add to...

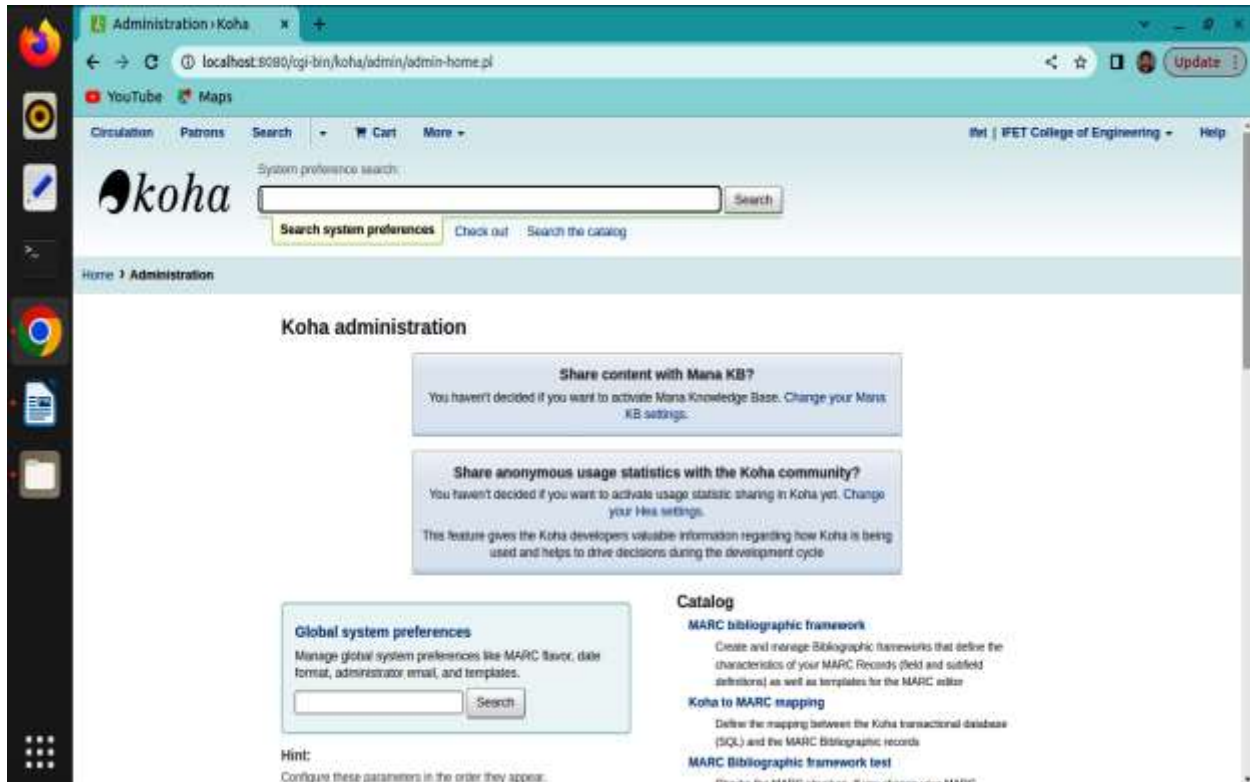
☐ **Web Technologies: A Computer Science Perspective**  
 by Jeffrey C Jackson  
 Material type: Text; Format: print; Library form: Not fiction  
 Publication details: pearson  
 Availability: Items available for loan: IFET College of Engineering (3)  
 ★★★★★

☐ **Web Technologies: A Computer Science Perspective**  
 by JEFFREY C. JACKSON  
 Material type: Text; Format: print; Library form: Not fiction

## About KOHA Details



Koha version:	22.05.04.000
OS version (uname -a):	Linux sei-desktop 5.15.0-56-generic #62~20.04.1-Ubuntu SMP Tue Nov 22 21:24:20 UTC 2022 x86_64
Perl interpreter:	/usr/bin/perl
Perl version:	5.009000
Perl @INC:	/usr/share/koha/lib /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.30.0 /usr/local/share/perl/5.30.0 /usr/lib/x86_64-linux-gnu/perl/5.30 /usr/share/perl/5.30 /usr/lib/x86_64-linux-gnu/perl/5.30 /usr/share/perl/5.30 /usr/local/lib/site_perl /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/koha/modules
MySQL version:	mysql Ver 8.0.31-Debian on 20.04.1 for Linux on x86_64 (Ubuntu)
Apache version:	Server version: Apache/2.4.41 (Ubuntu)
Memcached:	Servers: 127.0.0.1:11211   Namespace: koha_ift   Status: running   Config read from: koha-conf.xml
Zebra version:	Zebra 2.1.4 (C) 1994-2017. Index Data Zebra is free software, covered by the GNU General Public License, and you are welcome to change it and/or distribute copies of it under certain conditions. SHA1 ID: 45c729eb18ecdd3e045947716700b1c9754b1ce Using ICU
Zebra status:	Running
Message broker:	Using SQL polling



**Koha administration**

**Share content with Mana KB?**

You haven't decided if you want to activate Mana Knowledge Base. Change your Mana KB settings.

**Share anonymous usage statistics with the Koha community?**

You haven't decided if you want to activate usage statistic sharing in Koha yet. Change your Hss settings.

This feature gives the Koha developers valuable information regarding how Koha is being used and helps to drive decisions during the development cycle

**Global system preferences**

Manage global system preferences like MARC flavor, date format, administrator email, and templates.

**Hint:**

Configure these parameters in the order they appear.



## Library Photos: Library Block

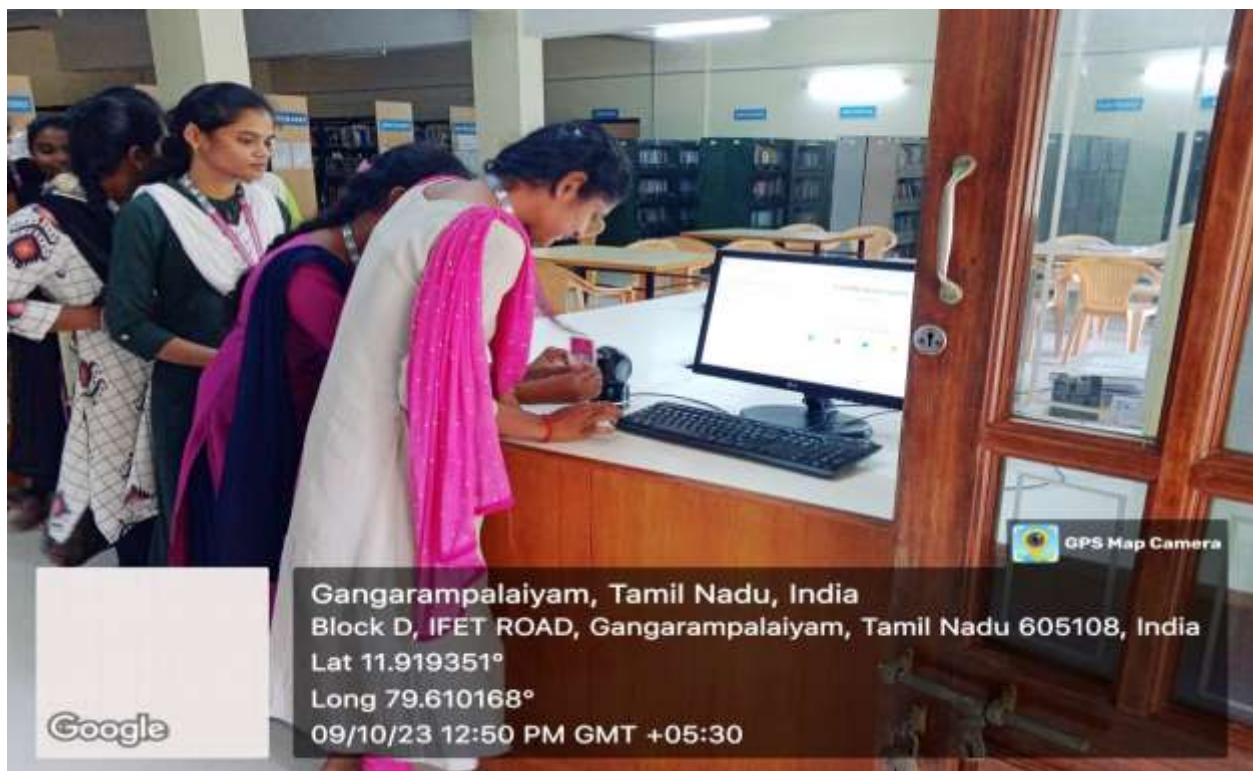
### Front View



## Gate Register









## Circulation Section (Issue/Return)



## Reference Section

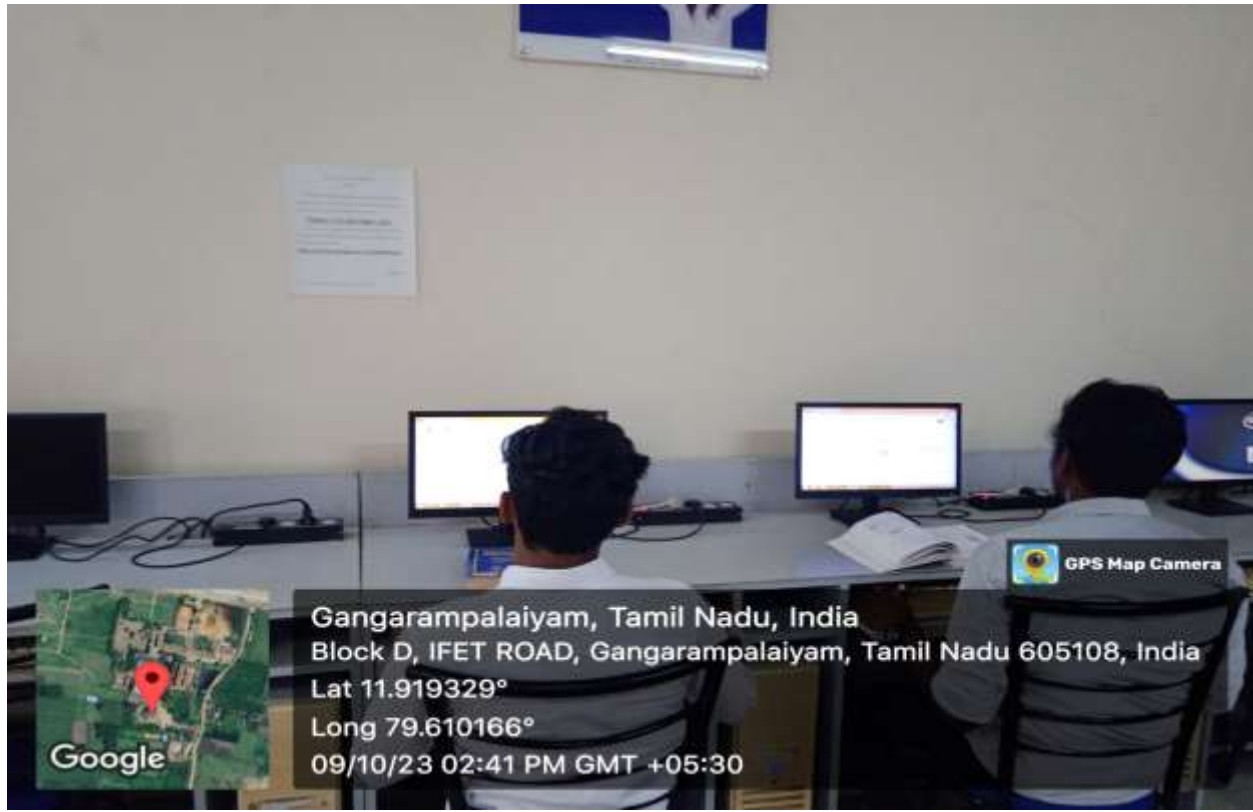




## Reading Hall



## Digital Library





## Stack Section





## NewsPaper Reading

