

#### 4.2.1: Library Automation-Integrated

The library is fully automated through CampesiLIB –Version 4.5.0(Computerized Academic Management Processing and Expert System Information Library) software that is installed to accommodate the following activities of the library.

Multi-user centralized Database applications can be accessed. The main objective of the library automation is to speedily dispose library work, establishment of good storage and retrieval system and time and human power saving with quality service.

Library automation reduces the time for cataloguing, circulation and acquisitions. It also helps the student community in the effective use of library with quick retrieval of resources.

It consists of the following modules:

**Bar-coding:** In an automated environment every document should be unique and searchable. It is done through bar coding. Bar coding facilitates the searching, circulation and systematic shelving of the concerned document. After entering all the details regarding the documents into the database, barcodes are printed on adhesive labels according to the accession number of the document. For this process we are using zebra barcode software and zebra thermal printer are used. The polyester barcode label is pasted on the lower bottom of the title page and last page of the book. User ID card contains bar-coded library reference number of the student and staff.

**Circulation Control:** The user has to bring the ID card to the library at the time of issue, return, renewal and reservation of resources. The barcode reads his/her identity card. Then the system shows the required details. The process of issue is completed by scanning the barcode label and the issue details sent to the respective user ID. The book details are automatically entered by the barcode reader by reading the barcode label on the title page of the book. When the book is returned, its barcode label is read by the barcode reader and details such as due date, fine details etc. are saved.

#### Master Module:

The master module consists of user master, book master, journal master, CD's entry master, back volume master, publisher master, vendor master, issue/return and reports. All the data entered can be edited and updated.

#### Report Management Module:

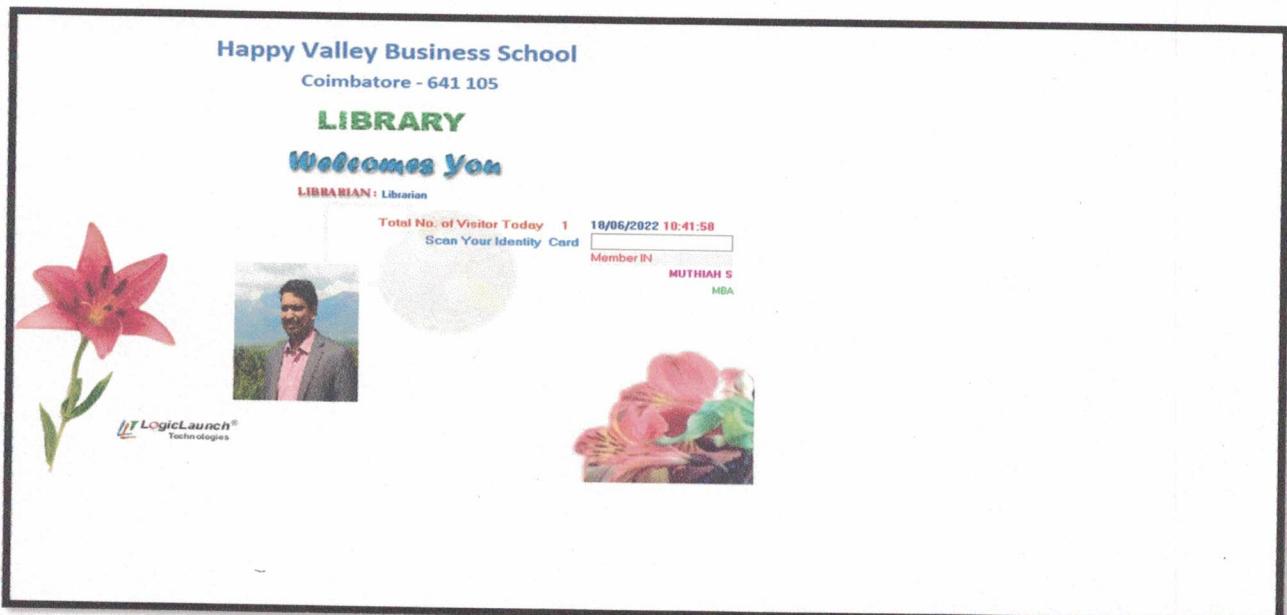
This module is designed to generate and print a large number of reports such as utilization report, books issued and return report, bibliography reports, book reports categorized by accession number, author, subject, department, supplier and publisher, title, availability etc. It also generates book unique title reports etc.

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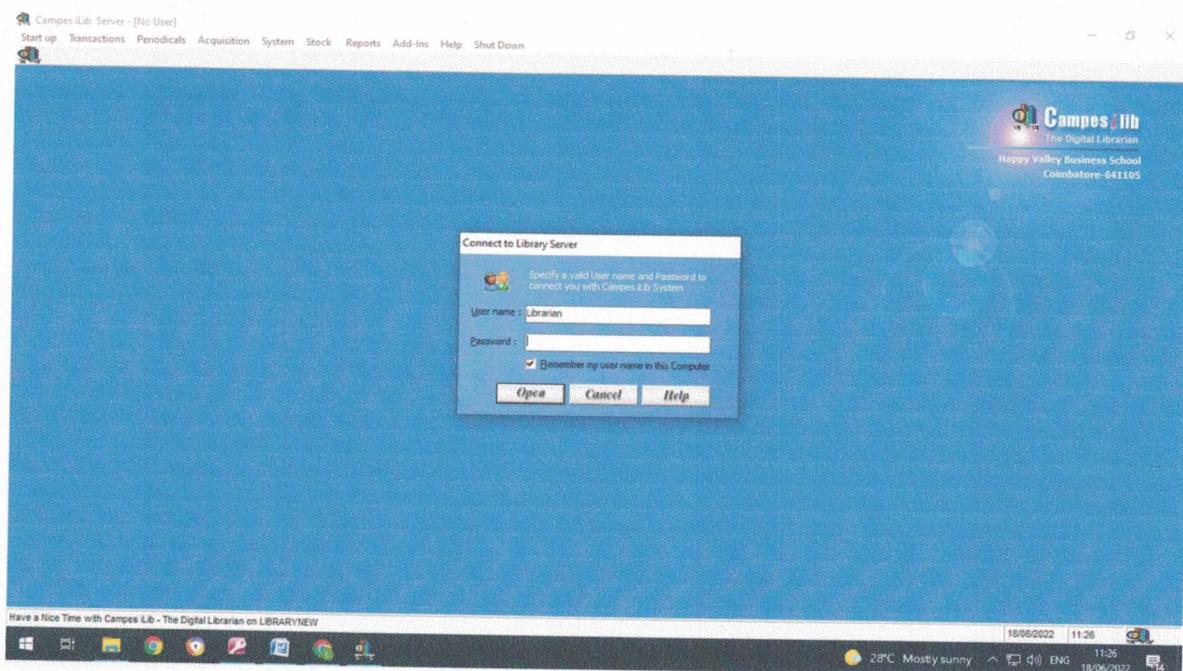
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**Gate Entry - Library**



**Login page of Library Automation Software**



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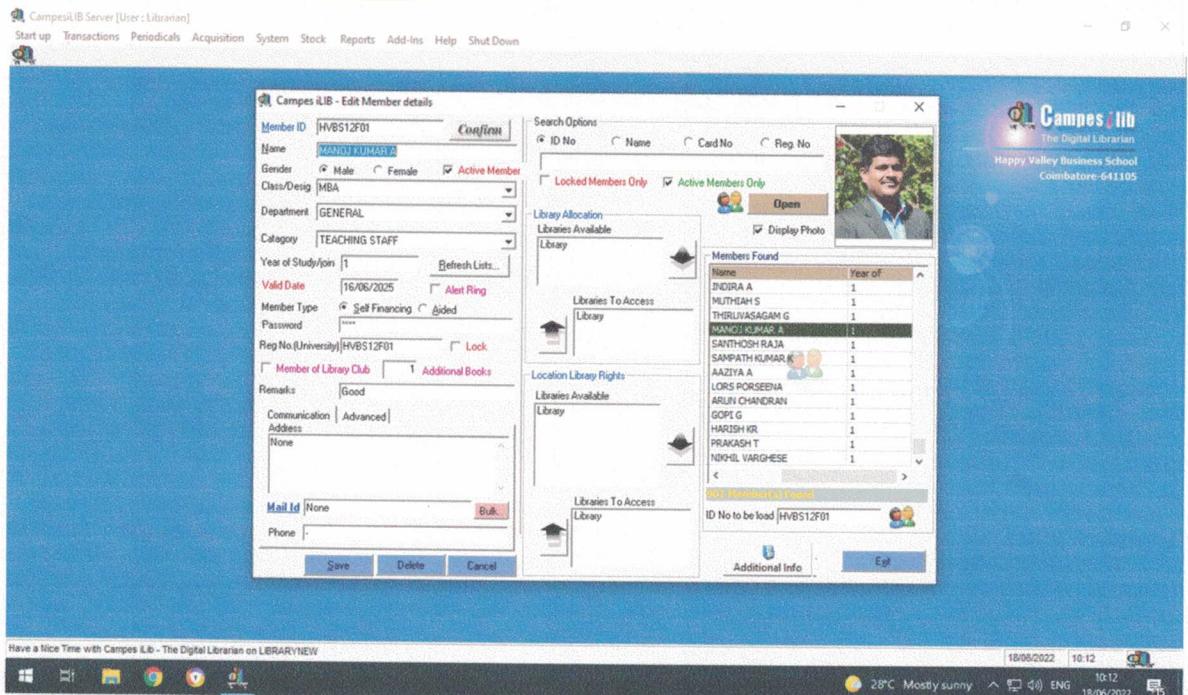


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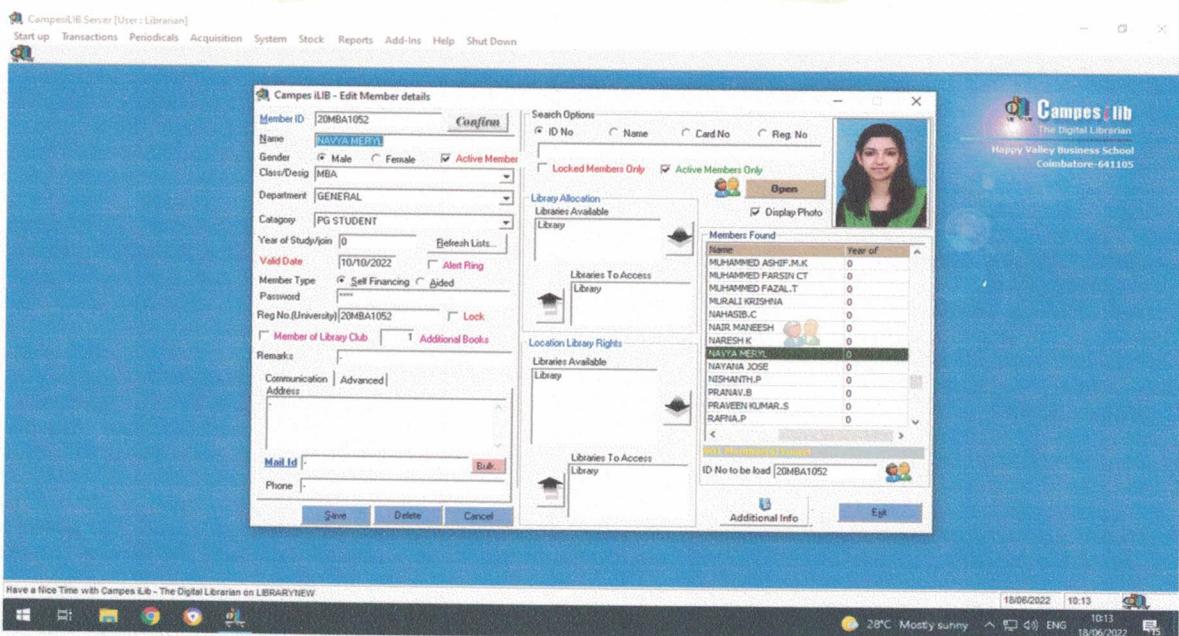
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**Screenshot of User Master Entry-Faculty**



**Screenshot of User Master Entry - Student**

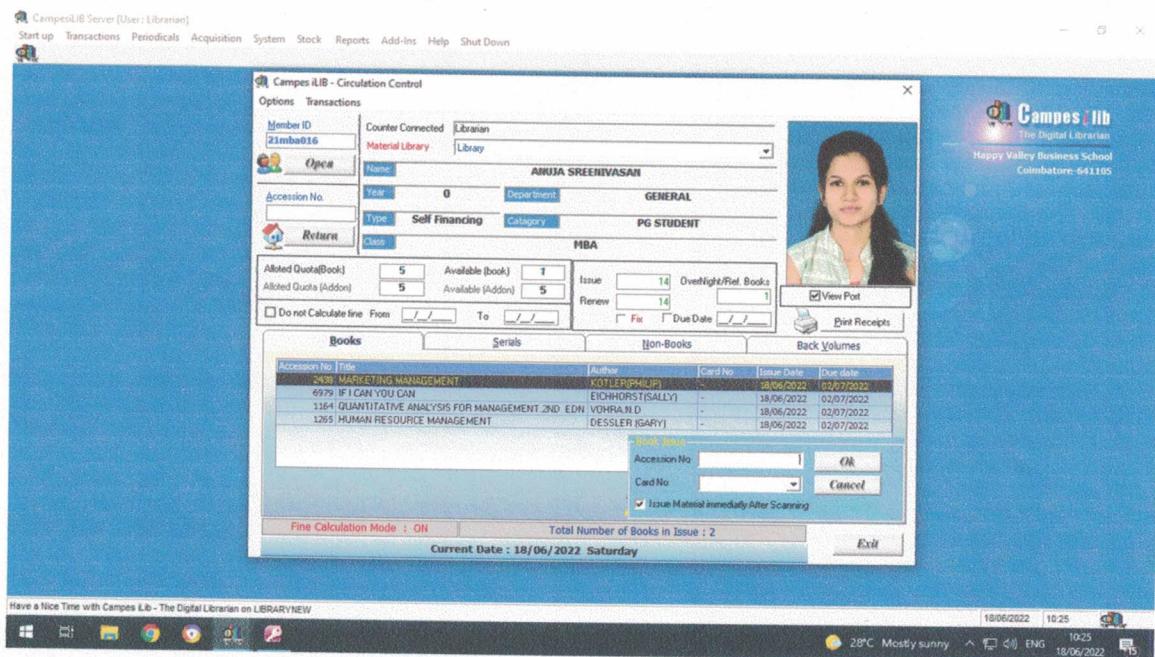


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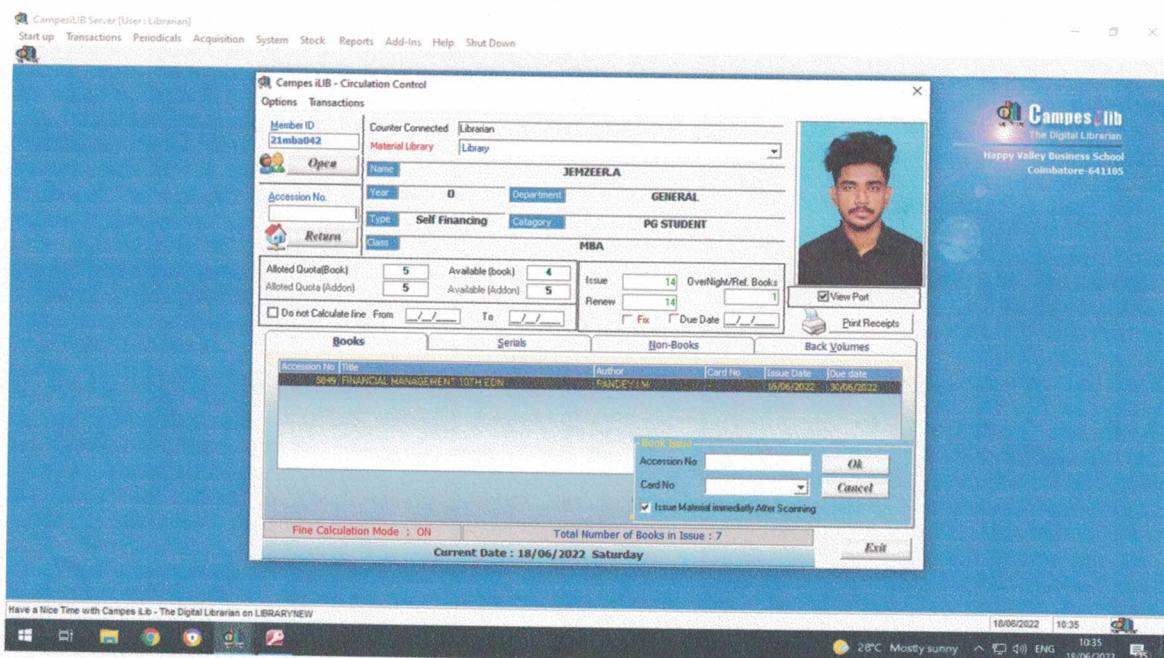


  
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**Screenshot of Circulation-Issue**



**Screenshot of Circulation-Return**



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**Screenshot of Online Public Access Catalogue (OPAC)**

Campes iLIB - Online Public Access Catalog (OPAC)

Books Periodicals Non-book Materials Accessories Members Web Library System Help Shut Down

**Campes iLIB - OnLine Public Access Catalog**

Search Books in Library (All Libraries...)

Search Criteria  Consider Criteria 2 while Searching Criteria 2 Operator **Or**

Criteria 1

Accession No Title Author Publisher Department Call Number Subject Keyword Acquisition Type ISBN Any Word Location Library

Selection for Criteria 1

Keyword for Author pandey

Item(s) Found **Search**

142 book(s) Found

Search also in Keywords For Fancy Titles Search Direction Both Show Results Sorted by  Accession No  Title

Search Library (All Libraries...) Search Condition (Author like pandey)

Accession No	Book Title	Author	Lib Name
2676	FINANCIAL MANAGEMENT, 9TH EDN	PANDEY, I.M	Library
2677	FINANCIAL MANAGEMENT, 9TH EDN	PANDEY, I.M	Library
2678	FINANCIAL MANAGEMENT, 9TH EDN	PANDEY, I.M	Library
2679	FINANCIAL MANAGEMENT, 9TH EDN	PANDEY, I.M	Library
2680	FINANCIAL MANAGEMENT, 9TH EDN	PANDEY, I.M	Library
2681	FINANCIAL MANAGEMENT, 9TH EDN	PANDEY, I.M	Library
2682	FINANCIAL MANAGEMENT, 9TH EDN	PANDEY, I.M	Library

Expand Details by  Accession No  Book Title  Title And Author Show  Full Details  Transaction Details  Digital Clips  Catalogue  Details  Print

**Heads Book Information**

Have a Nice Time with CampesLIB - The Digital Librarian on LIBRARYNEW 18/06/2022 10:37 28°C Mostly sunny 18/06/2022 10:37 ENG 18/06/2022

Campes iLIB - Online Public Access Catalog (OPAC)

Books Periodicals Non-book Materials Accessories Members Web Library System Help Shut Down

**Campes iLIB - OnLine Public Access Catalog**

Search Books in Library (All Libraries...)

Search Criteria  Consider Criteria 2 while Searching Criteria 2 Operator **Or**

Criteria 1

Accession No Title Author Publisher Department Call Number Subject Keyword Acquisition Type ISBN Any Word Location Library

Selection for Criteria 1

Keyword for Title Business English

Item(s) Found **Search**

8 book(s) Found

Search also in Keywords For Fancy Titles Search Direction Both Show Results Sorted by  Accession No  Title

Search Library (All Libraries...) Search Condition (Title like Business English)

Accession No	Book Title	Author	Lib Name
291	CONTEMPORARY BUSINESS ENGLISH	OBER(SCOT)	Library
833	CONTEMPORARY BUSINESS ENGLISH DICTIONARY	OXFORD UNIVER...	Library
834	CONTEMPORARY BUSINESS ENGLISH	OBER(SCOT)	Library
835	CONTEMPORARY BUSINESS ENGLISH	OBER(SCOT)	Library
4591	BUSINESS ENGLISH	SAMSON,T	Library
4670	BUSINESS ENGLISH	SAMSON,T	Library
7882	BUSINESS COMMUNICATION ESSENTIAL: A SKILL BAS...	BOVEE[COURTL...	Library

Expand Details by  Accession No  Book Title  Title And Author Show  Full Details  Transaction Details  Digital Clips  Catalogue  Details  Print

**Heads Book Information**

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## LIBRARY -CIRCULATION WIRELESS BARCODE SCANNER



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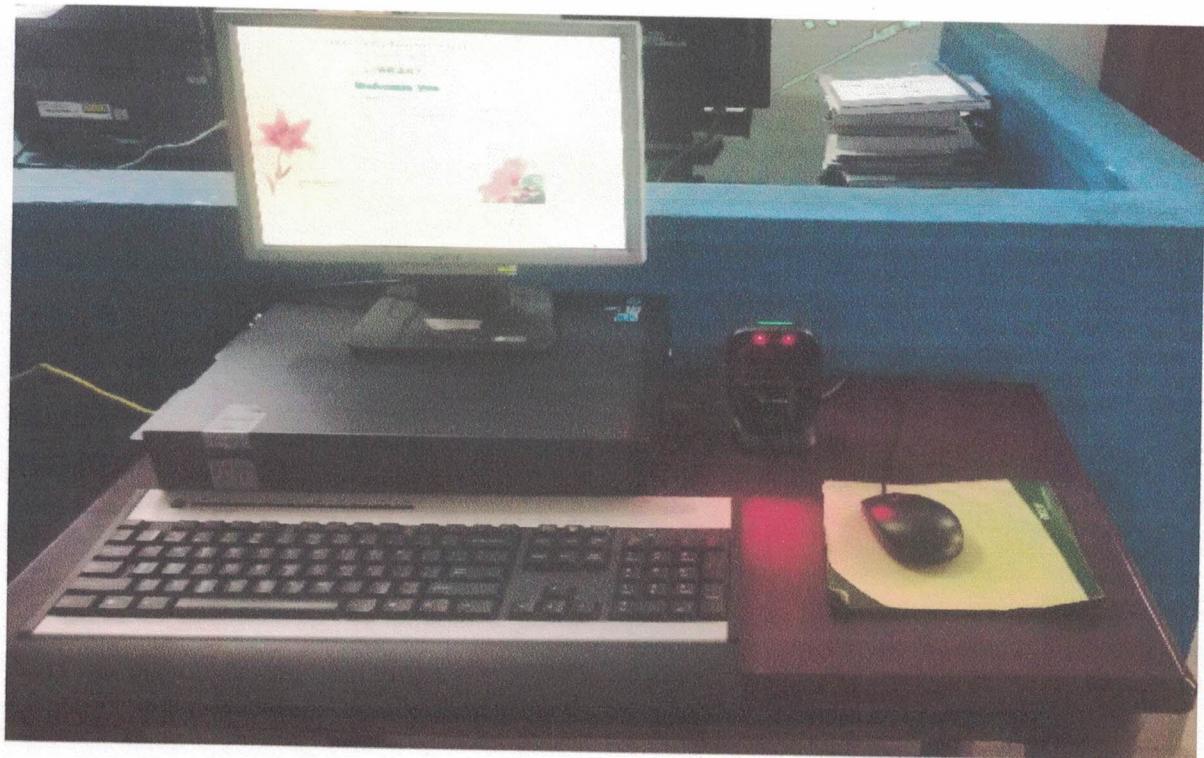
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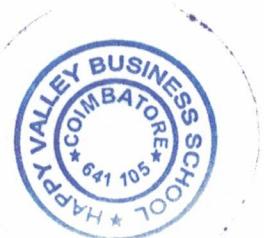
*flowering of minds...*

## LIBRARY BARCODE HAND-FREE SCANNER

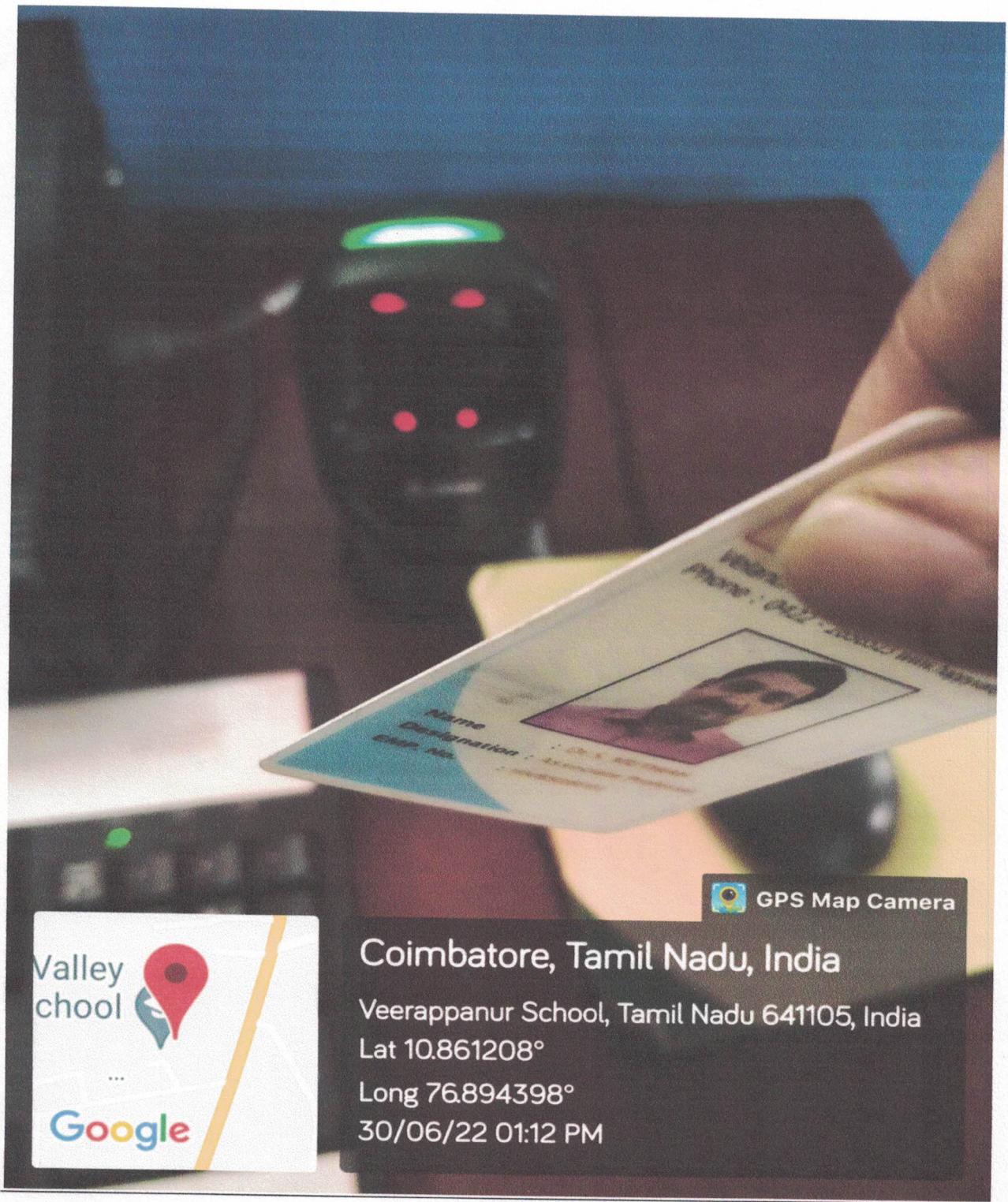


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**LIBRARY-GATE REGISTER HAND FREE -SCANNER**



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**STUDENT IDENTITY CARD**

