



4.2.1.

Library is automated using Integrated Library Management System (ILMS)

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4.2 Library as a Learning Resource

4.2.1 Library is automated using Library Management System (ILMS)



Central Library

Maharaj Vijayaram Gajapathi Raj College of Engineering (A)

2020

Data Requirement for last five years: Provide a description of library with

Name of the ILSMS software	: Koha
Nature of automation (fully or partially)	: fully
Version	: 19.05.00.000
Year of automation	: 2005

MVGR College is one of the reputed institutions supporting the education in the field of Engineering and Management studies from 1997. The facilities provided in the institution are meeting the expectations of the academicians in the learning environment. The institution is having a good library which caters the needs of the faculty, students and staff in providing the required learning resources at the right time. The college library consists of a central library together with twelve departmental libraries which collectively support the teaching, research and extension programs of the institution. The library occupies 48000 Sft of area with 400 seating capacity accommodated in two floors of Periodical section, Reading Hall, Digital Library, Auditorium, Technical section, Loan book section, Reference section with fully air conditioned.

The central library is fully automated in the year 2005 with SOUL (Software for University Libraries) software developed by INFLIBNET, India and later migrated to Koha (open source software) in the year 2019. The library is fully integrated with RFID (Radio Frequency Identification) Technology where user can enter, search catalogue, borrow and return books can be done on his own.

Koha: Koha is fully featured ILSMS software for Libraries of varying types and sizes, volunteers and support companies worldwide. MVGR library is fully automated using the Koha software by using the following modules for regular activities.

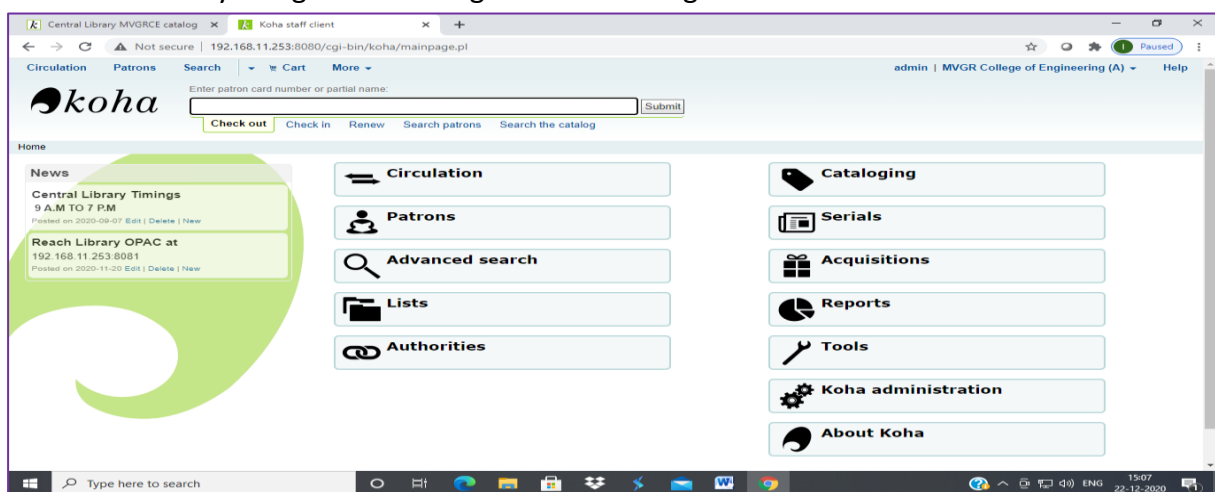


Fig1. Home page of MVGR Library Koha software

Software Modules

Circulation

Cataloguing

Acquisitions

Serials

OPAC (Online Public Access Catalogue)

WebOPAC (Web Online Public Access Catalogue)

Circulation Section: Circulation Section is placed on the first floor equipped with two computer terminals for transactions, one RFID work station, One Issue Kiosk, One book drop box and two flap barriers.

Loan Books, Issue of RFID ID cards, Issue and Return of books, collection of fines, User statistics etc. Users scan their ID cards on the Flap barriers and enter into library, drop the books in the Book drop box, issue books on the self-issue kiosk on their own.



Fig2. Circulation Section

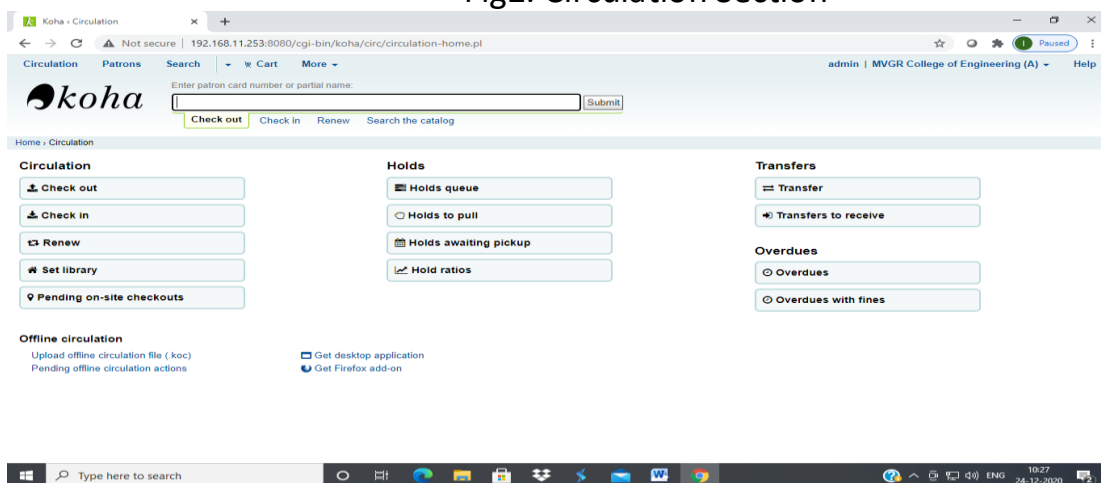


Fig3. Circulation page in Koha software



Fig4. Self-Issue Kiosk (To issue the books)



Fig5. Book Drop Box (To return the books)



Fig6. Flap Barriers (For entry and exit to the library)



Fig7. RFID Check gate (Security for library materials)

Technical Section: The technical processing of library materials books and periodicals, preparation of RFID ID cards is done at the circulation section in the central library of MVGR College of Engineering.

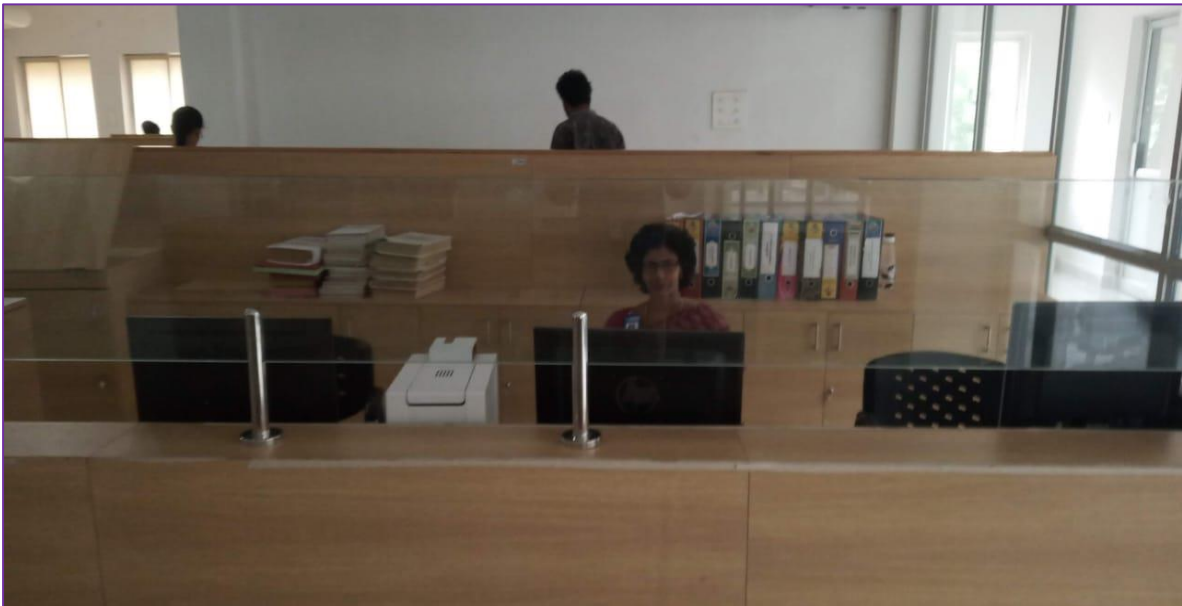


Fig8. Technical section

Cataloguing

Cataloguing of books is done through Koha software, data input is entered using MARC format, fixing of RFID label and other processing works is done in the technical section.

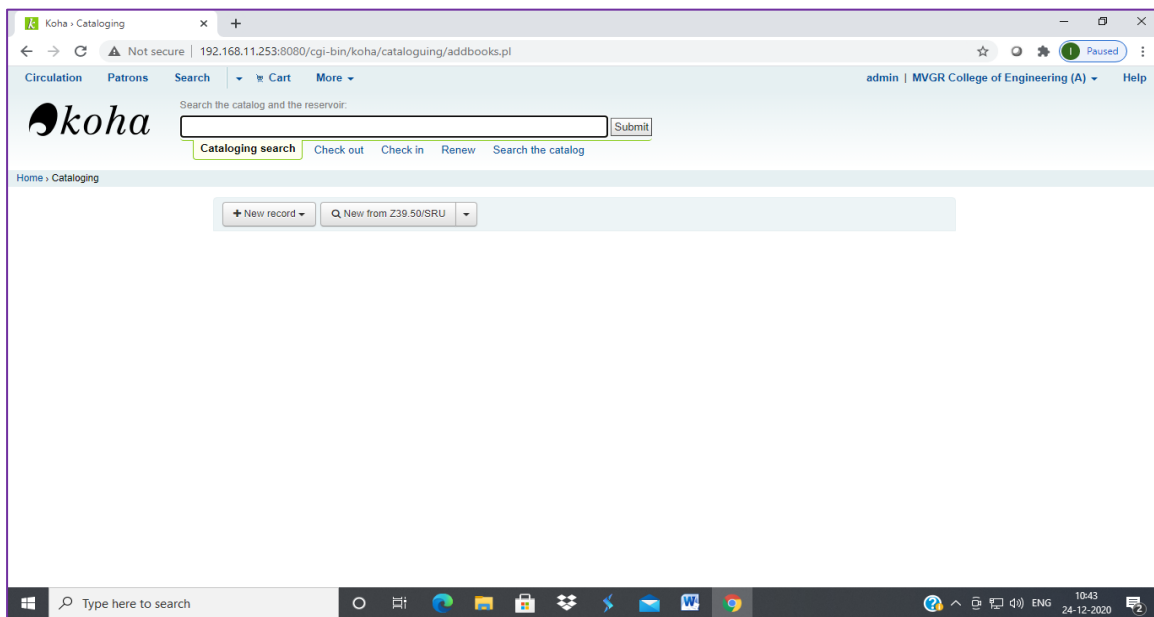


Fig9. Catalogue page

Acquisition

Acquisition of books is processed through koha software by entering the required data like budget, approvals, processing of invoices and other related to acquisition is done at technical section

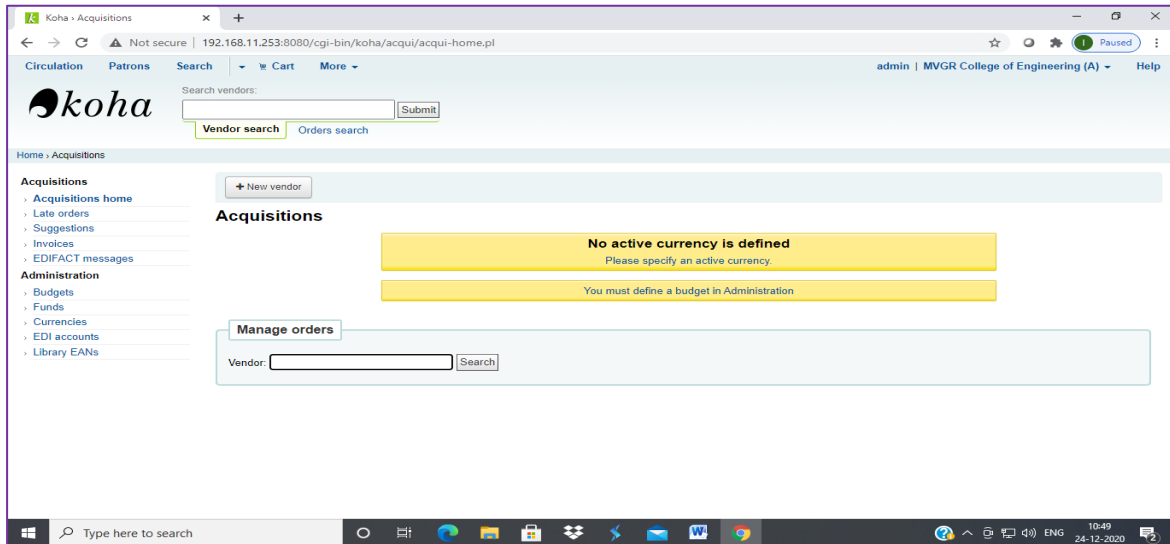


Fig10. Acquisition page

Periodical Section: The Periodical section in the central library is well designed to sit for longer hours to refer the Journals, Magazines and Newspapers. Computer OPAC system is placed to search the catalogue of periodicals at the entrance of the section.

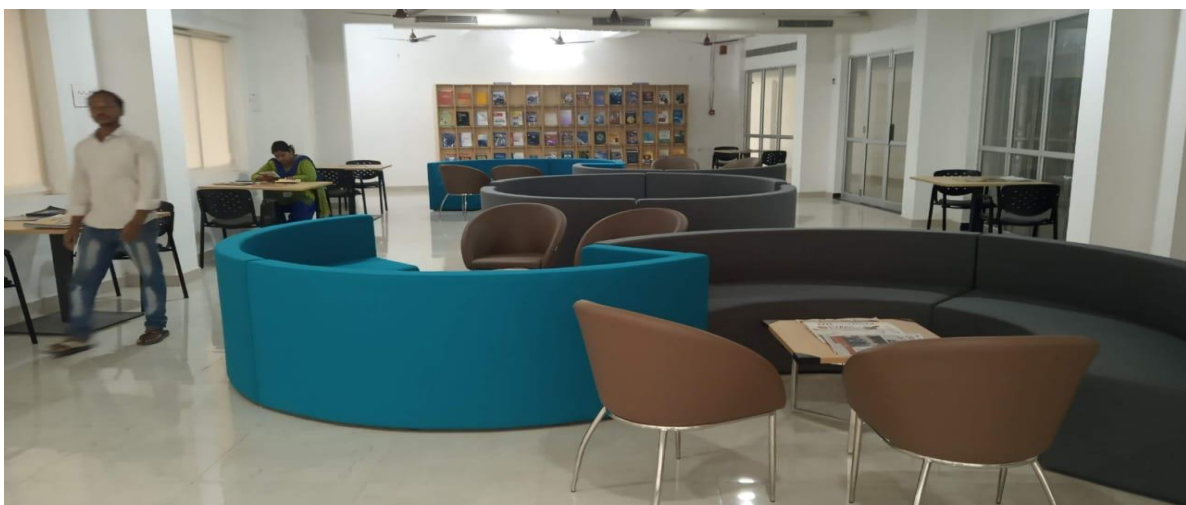


Fig11. Periodical Section

Serials (Periodicals)

Serials or Periodicals processing are done through the Koha software. Subscriptions, renewals, missing issues, communication with vendors etc. are done at the technical section and periodical section.

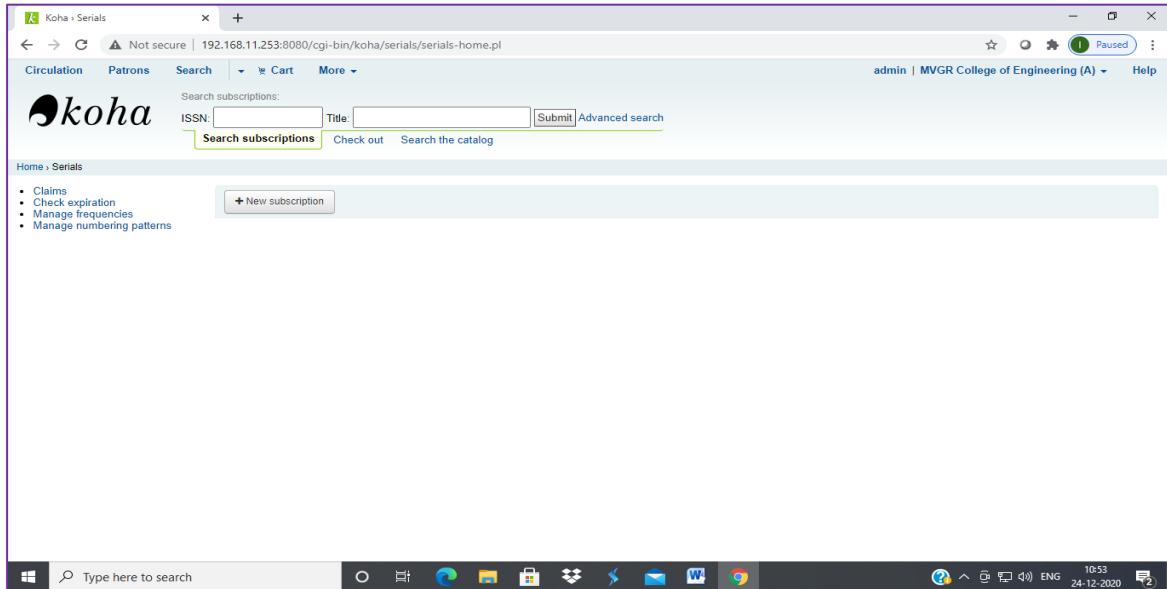


Fig12. Serials page

OPAC (Online Public Access Catalogue)

Users after entering into the library, they can check the status of the materials available in the library through the OPAC module. Computer systems are placed near the entrance of the library for checking the status of the books and the user accounts on their own.

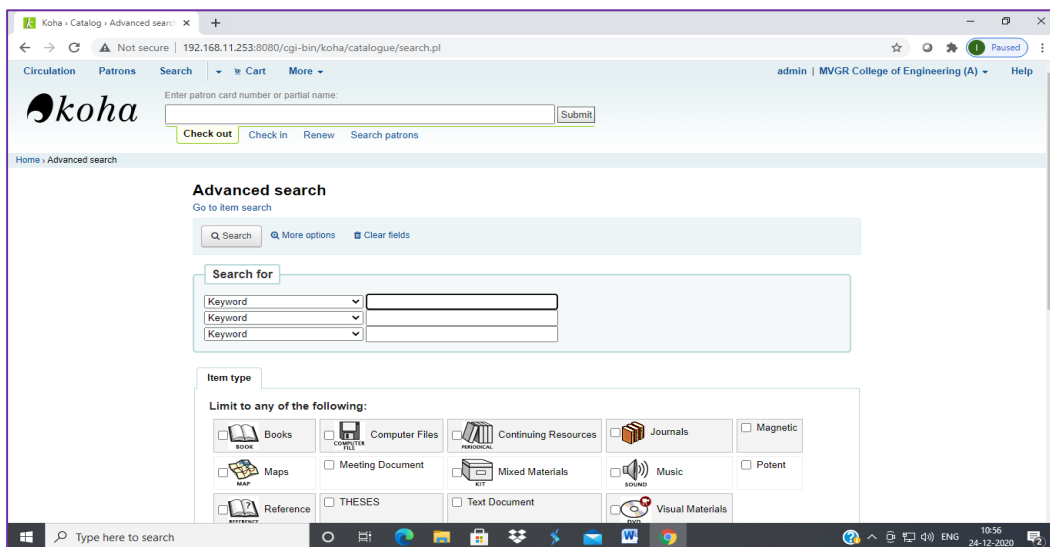


Fig13. OPAC home page

WebOPAC

Users can search the library material status and user accounts through WebOPAC module available in the Koha software. The link is provided in the college website where user can directly login into the page and search the availability status.

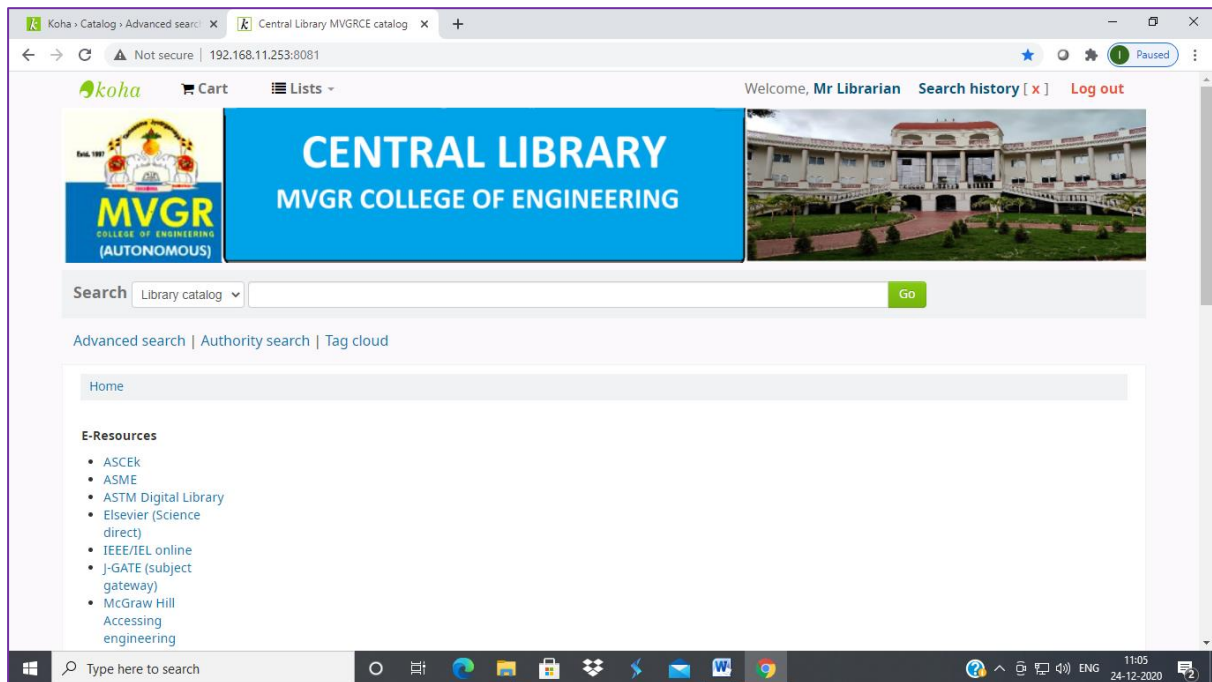


Fig 14 WebOPAC home page (<http://192.168.11.253:8081/>)

Library has a book collection of 45,691 volumes, 20796 titles, 142 print periodicals (as on 01-01-2020), and for proper organization of the library material, library has purchased ILMs, 'KOHA' Library Software. Software is upgraded time to time against the regular Annual Maintenance Contract. One terminal is reserved for students to search information of availability and issue of Books. Web based Library Software with Web OPAC, Email & SMS Alert etc. (Online Public Access Catalogue- OPAC) and Single Window Where Complete Information about the Users Along With Circulation Status, Fine Status, Contact Details, Reading & circulation History etc. Various types of reports can be generated with the use of above mentioned software which is useful for various committees and inspections from time to time. Book database is created along with user's database. Issue return process is fully automated and pass books are kept as supporting documents for students and faculty. Library is latest RFID systems in transactions and it is fully air conditioned to support the users for a joyful learning and to stay for longer hours in the MVGR library.

4.2 Library as a Learning Resource

4.2.1 Library is automated using Library Management System (ILMS)

Geo Tagged photos of all facilities in the library



Central Library

Maharaj Vijayaram Gajapathi Raj College of Engineering (A)

2020

MVGR College of Engineering is one of the reputed institutions supporting the education in the field of Engineering and Management studies from 1997. The facilities provided in the institution are meeting the expectations of the academicians in the learning environment. The institution is having a good library which caters the needs of the faculty, students and staff in providing the required learning resources at the right time. The college library consists of a central library together with twelve departmental libraries which collectively support the teaching, research and extension programs of the institution. The library occupies 48000 Sft of area with 400 seating capacity accommodated in two floors of Periodical section, Reading Hall, Digital Library, Auditorium, Technical section, Loan book section, Reference section with fully air conditioned.

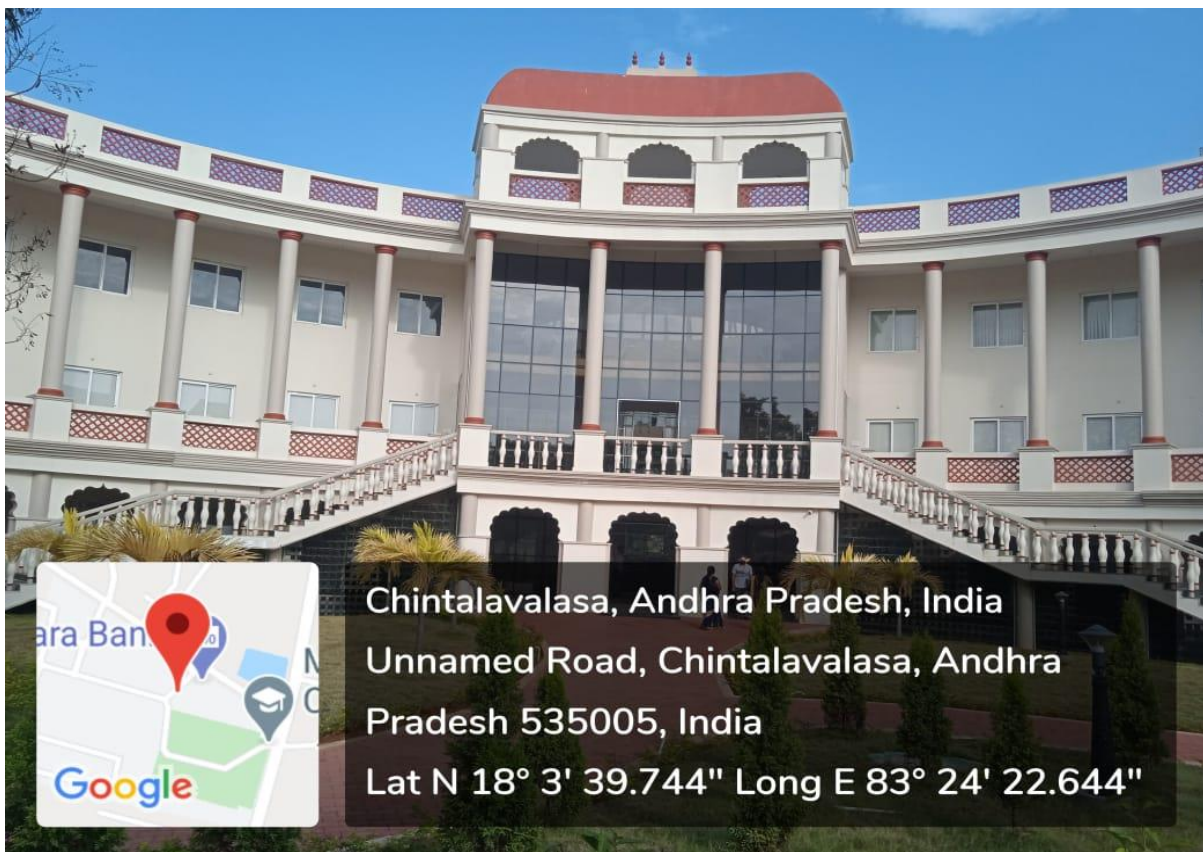


Fig1 Central Library-Front view

RFID Check Gate:

Users without issuing a book pass through the RFID gate an Indicator will be generated to alert the library staff.



Fig 2 RFID Check Gate

Flap Barriers: Users scan the ID cards to Check-In and Check-Out of the library (Login status will be generated)



Fig 3 Flap Barriers (Check In)

Loan Book Section: Loan Books are placed in this section where user can select the books and borrow from the library.

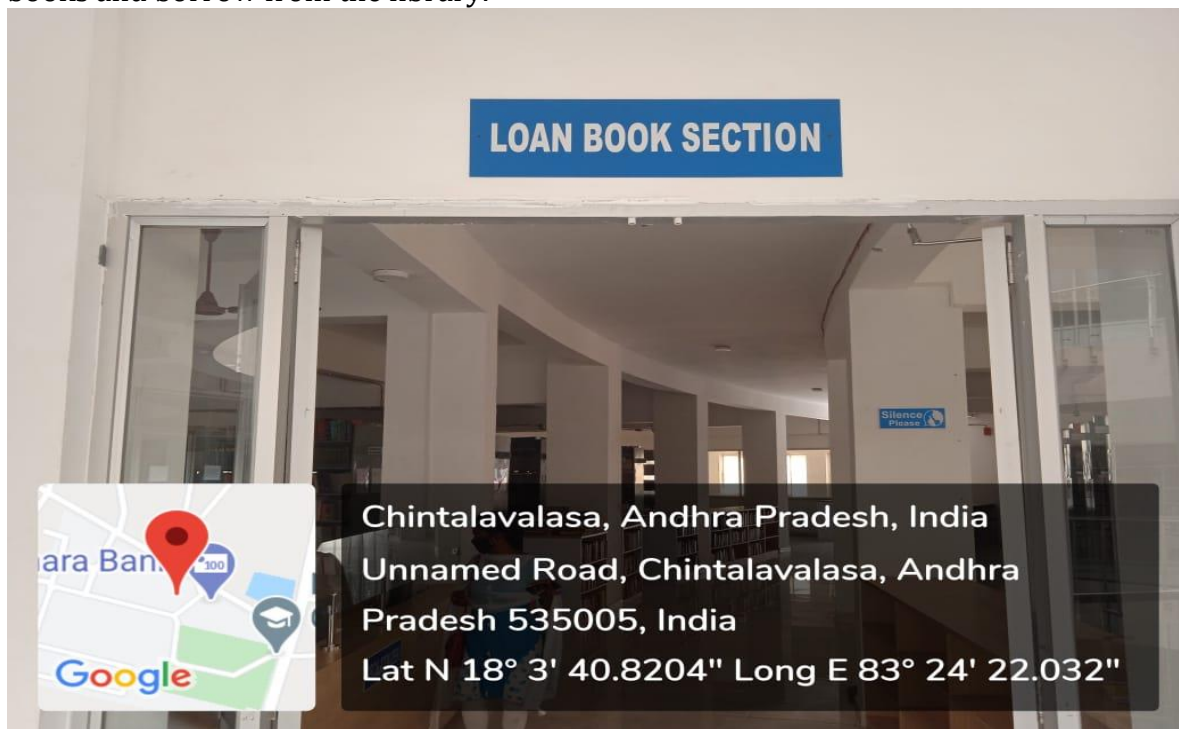


Fig 4 Loan Book Section

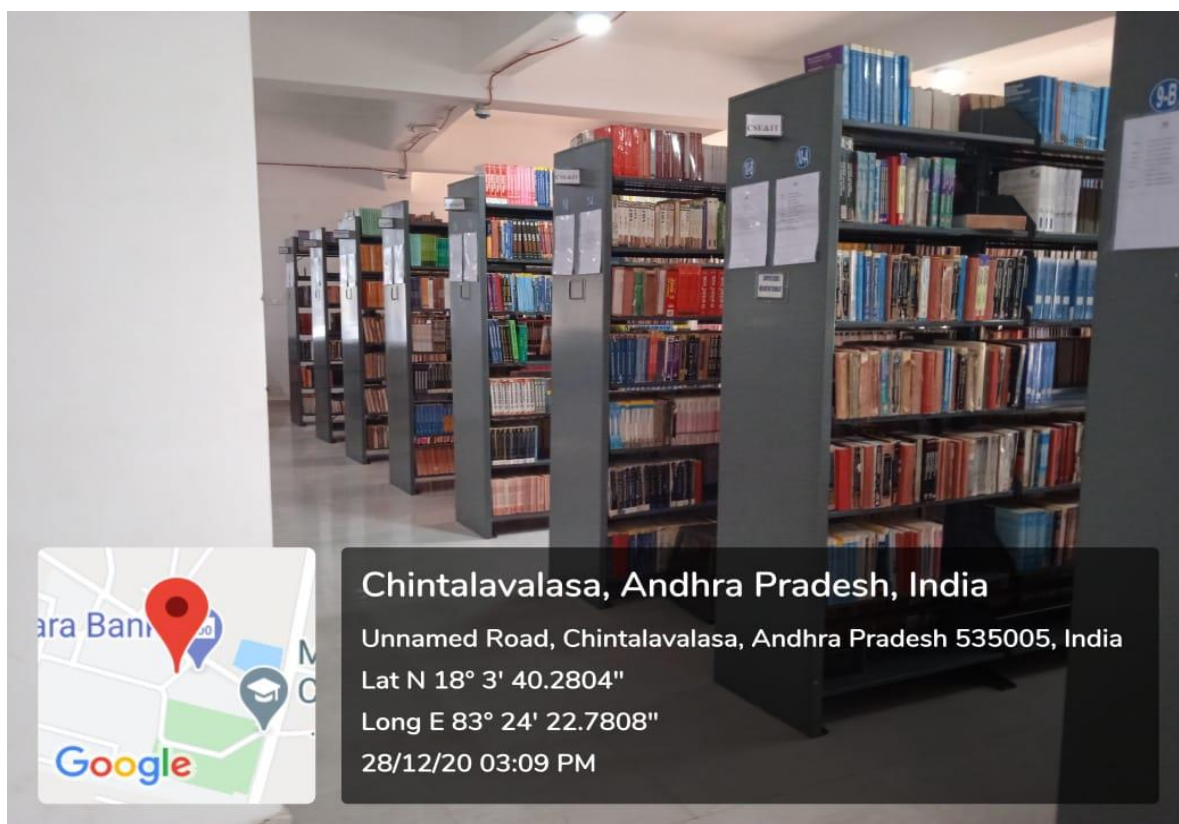


Fig 5 Books placed on Racks in Loan Books Section

Circulation Desk: Circulation Section is placed on the first floor equipped with two computer terminals for transactions, one RFID work station, One Issue Kiosk, One book drop box and two flap barriers.



Fig .6 Circulation Desk

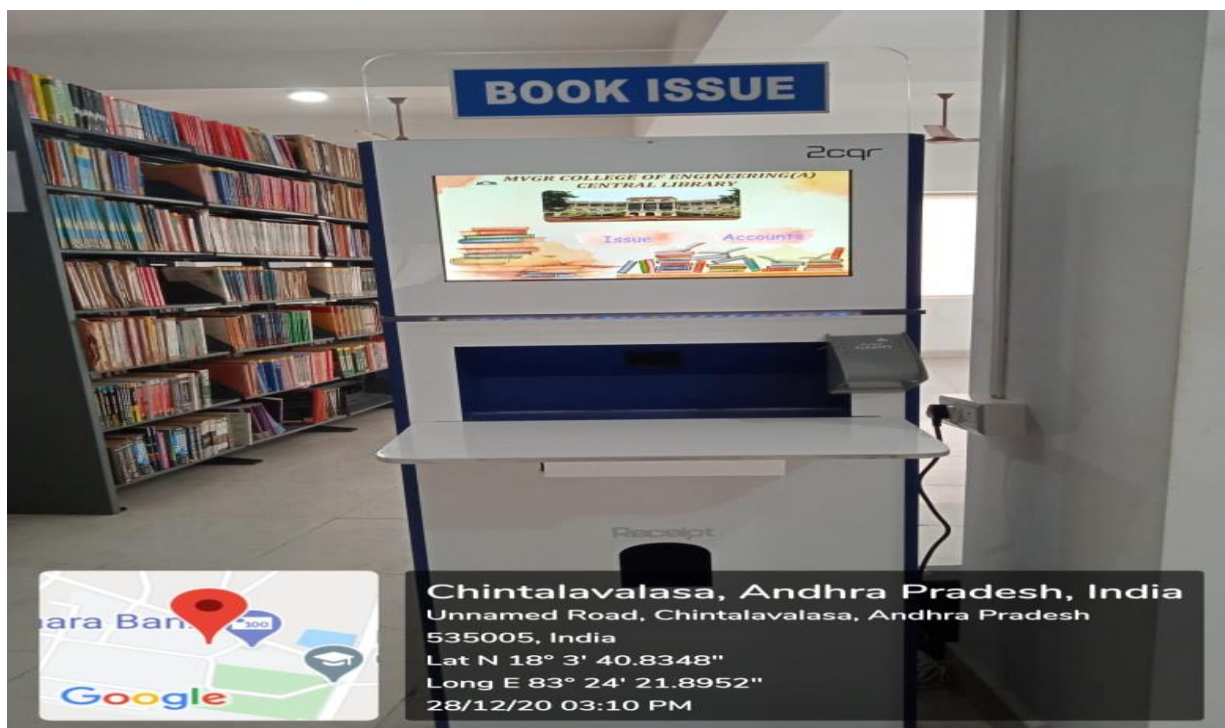


Fig 7 Self Issue Kiosk

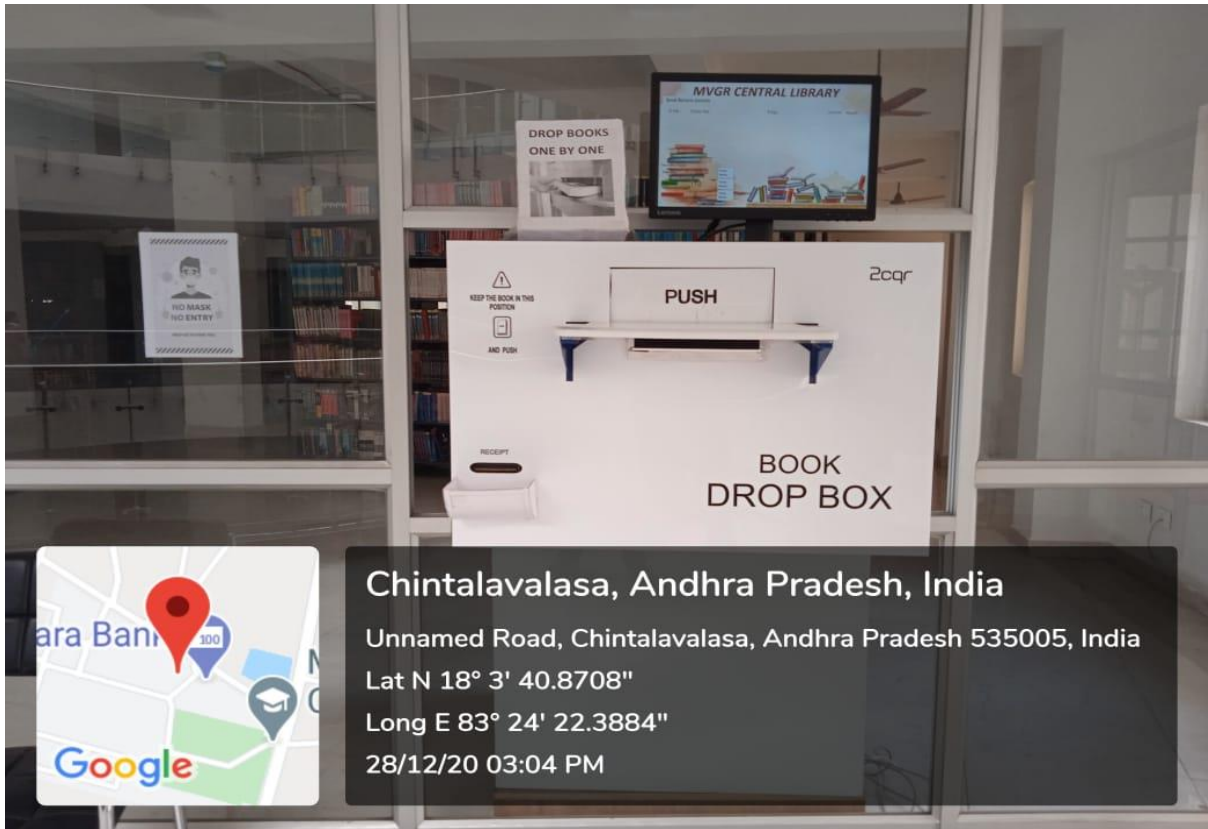


Fig 9 Books Drop Box

Reference Section Reference section is placed on the first floor where the rare materials and reference materials are placed to access by the users. Handbooks, Encyclopedias, Dictionaries and other important and rare books are placed according to the classification system. It is having a cubicle seating arrangement with 100 Nos seating capacity.

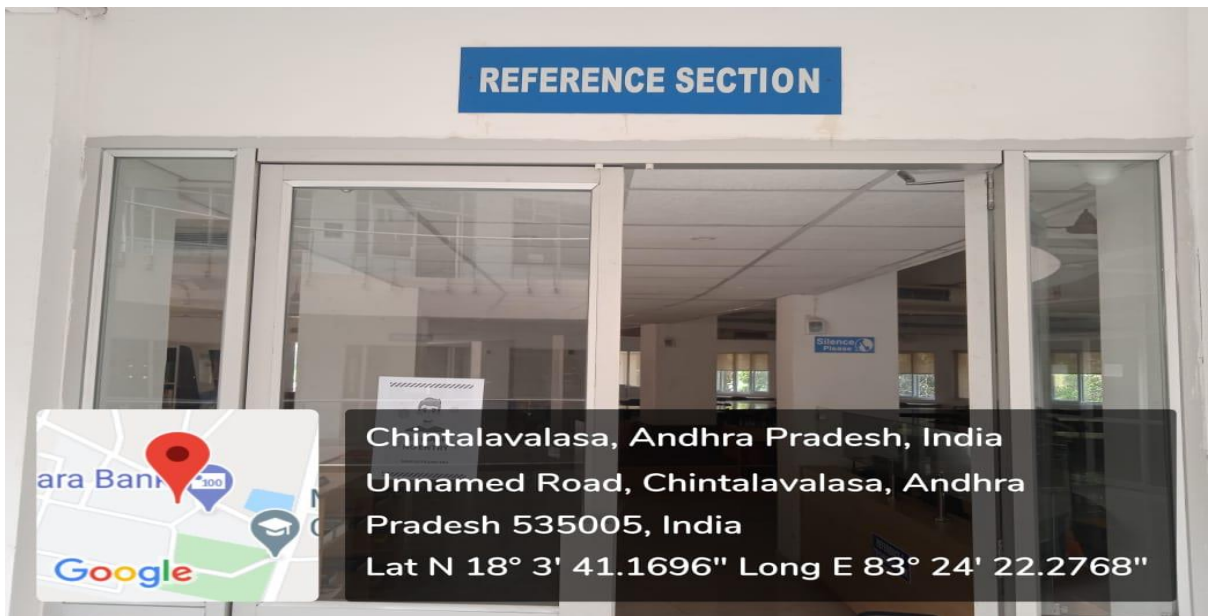


Fig 10 Reference Section



Fig 11 Books placed in Reference books

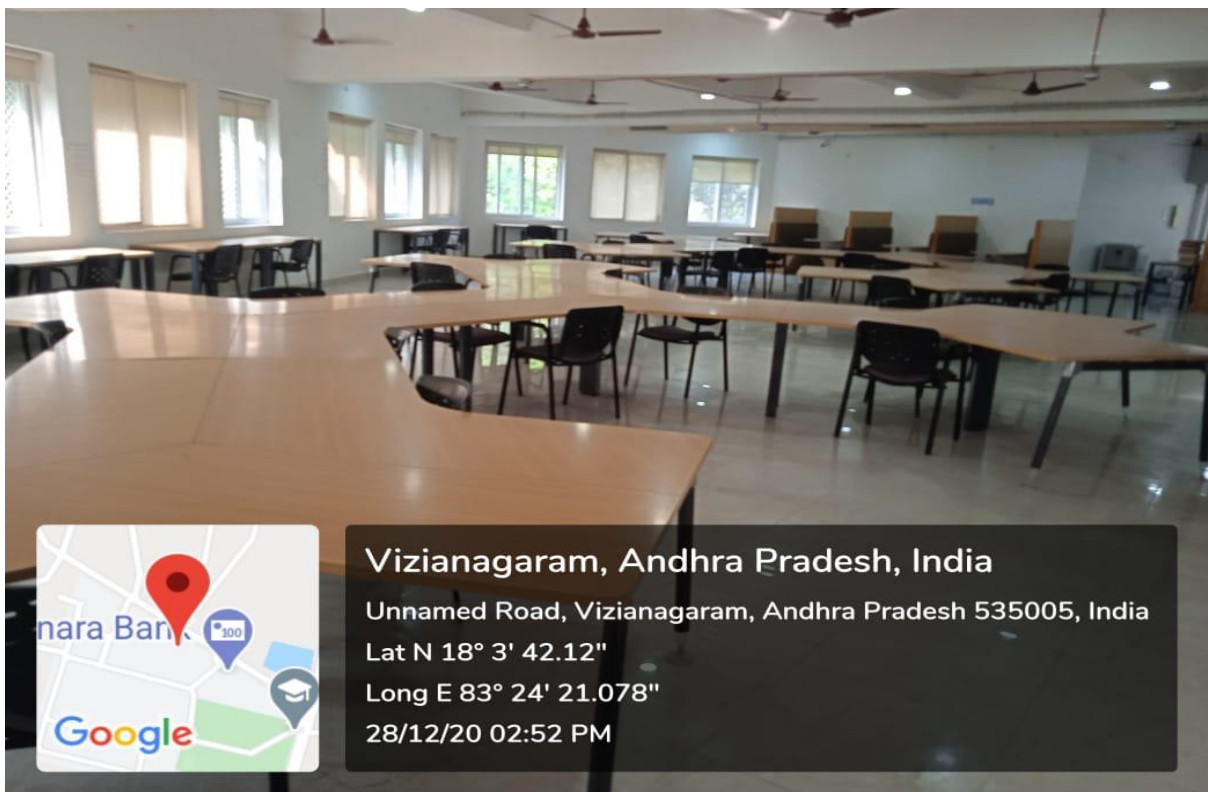


Fig 12 Reading space in the Reference Section (Cubicles)

Technical Desk: The technical processing of library materials books and periodicals, preparation of RFID ID cards is done at the circulation section in the central library of MVGR College of Engineering.

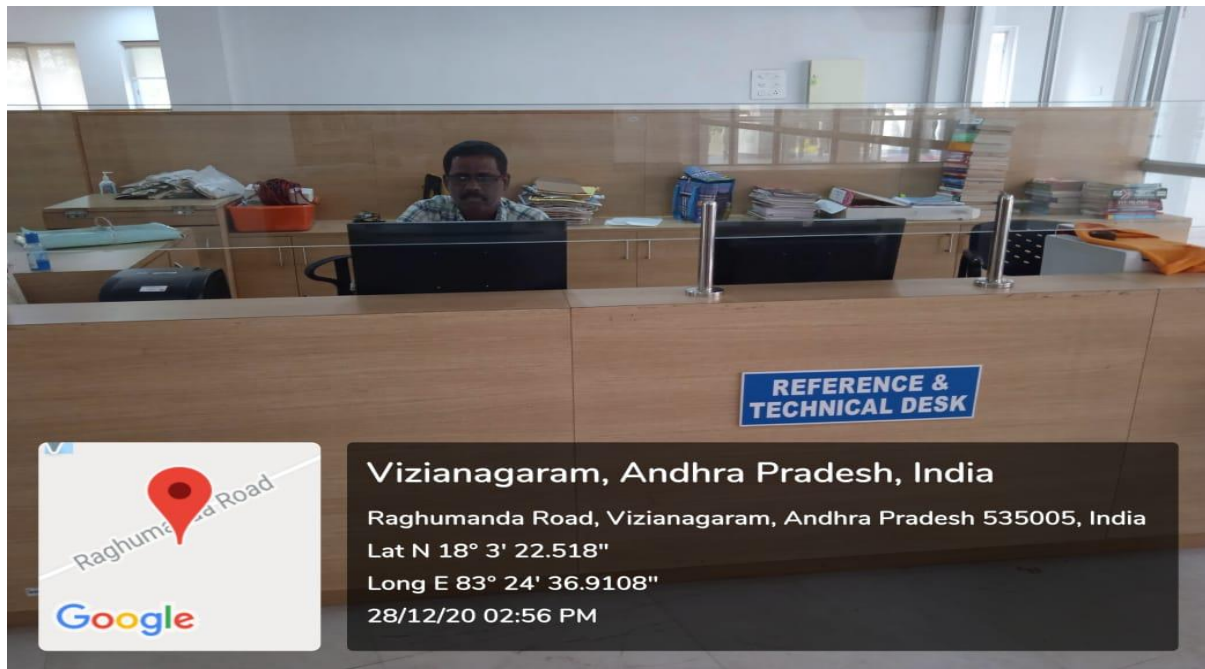


Fig 13 Technical Desk

Reading Room: Reading Hall with a seating capacity of 50 nos., centrally air-conditioned is placed on the ground floor where the users are allowed to bring their own material and sit and read.

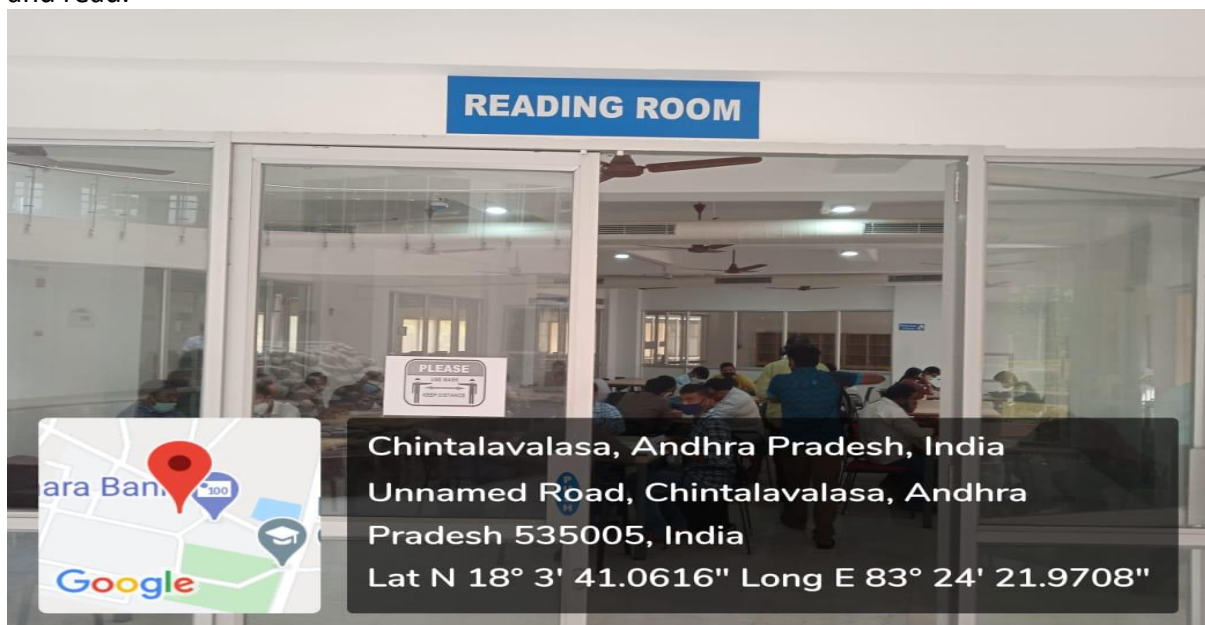


Fig 14 Reading Hall

Periodical Section

Periodical or Journal section is placed on the ground floor where the print Journals, Magazines and Newspapers are placed for the users to sit and refer to the latest content and news published in the relevant materials. It is having a seating capacity of 50 nos and 132 Journals, Magazines and 10 Newspapers are placed in the section.



Fig 15 Periodical Section



Fig 16 Periodical Section Inside view

Digital Library

Digital Library is one of the important place is access the e-content available through online. It is having 110 computers to access the digital materials at one instance by the users. MVGR Digital library is having rich e-resources like e-journals, e-books, e-databases, NPTEL video courses, NITTR videos and other open access e-material is available at the digital library placed in the ground floor for easy access to the users.



Fig 17 Digital Library



Fig 18 Computer systems in the Digital Library

Auditorium

Auditorium is one of the assets to the central library which is placed on the ground floor with a seating capacity of 90 nos. It is having an interactive display system where it can be used as a blackboard and to display video and lectures at the same time. The NPEL videos will be played regularly for the benefit of the students.



Fig 19 Auditorium



Fig 20 Auditorium Inner view-Digital Interactive Screen

Group Discussion Room

Group Discussion Room is available on the first floor of the library. Users in a group of 20 nos can visit and sit in the room for discussing and doing project works. One overhead projector is placed for easy access to discuss and explain by the faculty member.



Fig 21 Group Discussion Room



Fig 22 Group Discussion Room-Inner view-Overhead Projector

Property Counter:

Users are allowed to keep their belongings like bags and other material which are not allowed inside the library are to be placed in the property counter.

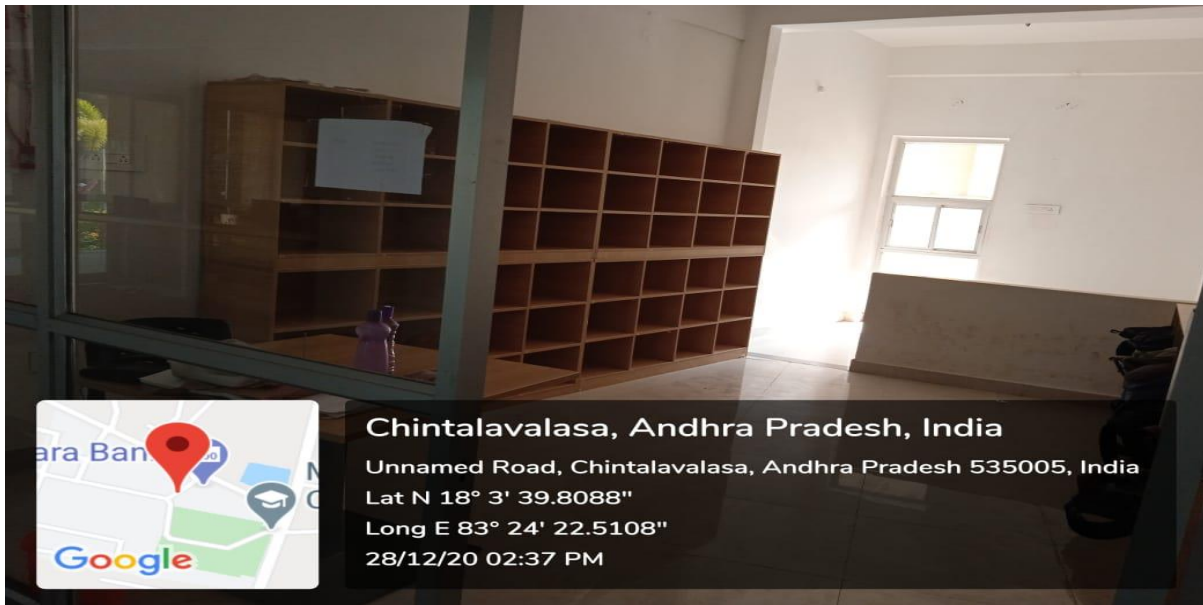


Fig 23 Property Counter

Librarian Cabin

Librarian cabin is placed on the first floor of the library to Interact with users and administer the activities of the library. Closed Circuit TV Monitor is placed in the cabin to monitor the functioning of the library from time to time.

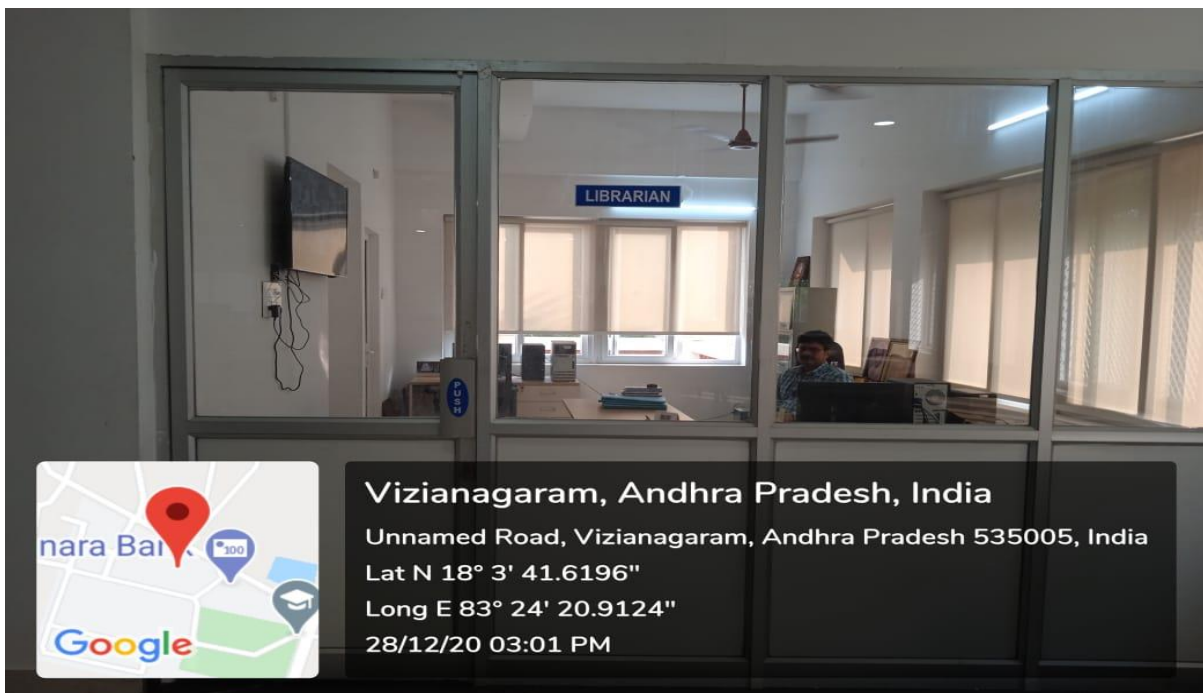


Fig 24 Librarian Cabin



Maharaj Vijayaram Gajapati Raj College of Engineering (A)

2020

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- 9. SPOC Appreciation Certificates**

Coordinators

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Dept. of Electrical Engg,
IIT Madras

Prof. Prathap Haridos
Dept. of Metallurgy and
Materials Engg,
IIT Madras

March 24, 2016

To
THE PRINCIPAL
MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING
VIJAYARAM NAGAR CAMPUS
CHINTALAVALASA
VIZIANAGARAM-535005

Dear Sir/Madam,

Sub: Establishing NPTEL Local Chapter in your college

Greetings from the NPTEL office, IIT Madras.

This is to acknowledge the receipt of your letter accepting to host NPTEL Local Chapter in your institution.

The **Single Point of Contact (SPOC)** nominated from your college is

Name of SPOC: Mr. Kona Uma Mahesh Yadav
Designation: Librarian
Department: Library
Contact No(s): 09949474727
E-mail id: librarian.mvgr@mvgrce.edu.in

We wish to inform you that all future correspondence related to NPTEL contents and online courses will be made to the afore-mentioned SPOC. He/she will be routinely updated with all the latest NPTEL initiatives which then may be circulated among the students.

We are also happy to share that a dedicated NPTEL Local Chapter web page is being created and your institution will have a separate page on it (<http://npTEL.ac.in/LocalChapter>).

Thank you.

Warm regards


Andrew Thangaraj

Fig1. NPTEL Local Chapter Approval Letter

**MAHARAJ VIJAYARAM GAJAPATHI RAJ
COLLEGE OF ENGINEERING**

VIJAYARAM NAGAR CAMPUS
CHINTALAVALLASA
VIZIANAGARAM
Url: <http://www.mvgrce.edu.in/>
(<http://www.mvgrce.edu.in/>)

Request Letter



[Download \(Assets/images/req_letter/507_RQ0001.jpg\)](#)

Acknowledgement Letter



[Download \(Assets/images/ack_letter/507_AL0001.jpg\)](#)



SPOC Name - KONA UMA MAHESH YADAV

SPOC EmailId - librarian.mvgr@mvgrce.edu.in

Designation - Librarian,Library

Partnering since - Mar-2016

Fig2. SPOC Details

Local Chapter Activities (2016-2019)

2016

July –December 2016

Total Enrolled - 1378

No. of Candidates attended for exam : 65

Toppers : 05

Elite : 41

Successful : 19

Rating : AA

2017

January-June 2017

Total Enrolled : 1728

Total mentors : 17

Total enrolled for exam : 151

Toppers : 05

Elite+Gold : 02

Elite : 108

Successful : 30

Rating : A

July-December 2017

Total Enrolled : 1750

Total mentors : 21

Total enrolled for exam : 50

Toppers : 08

Elite+Gold : 03

Elite : 33

Successful : 14

Rating : AA

2018

January-June 2018

Total Enrolled	: 2656
Total mentors	: 39
Total enrolled for exam	: 187
Toppers	: 10
Elite+Gold	: 04
Elite	: 132
Successful	: 39
Rating	: A

July-October 2018

Total Candidates' Enrolled	: 1636
Total Courses enrolled	: 3832
Total mentors	: 71
Total enrolled for exam	: 184(faculty-60, students-124)
Toppers	: 20 (faculty-14, students-06)
Elite+Gold	: 06 (faculty-04, students-02)
Elite	: 121(faculty-39, students-82)
Successful	: 53 (faculty-13, students-40)
Rating	: A

2019

January-April 2019

Total Candidates' Enrolled	: 1855
Total Courses enrolled	: 3813
Total mentors	: 43
Total enrolled for exam	: 251
Present for exam	: 229
Certified	: 216 (faculty-62, students-154)
Toppers	: 16 (faculty-12, students-04)
Elite+ Gold	: 09 (faculty-07, students-02)
Elite+ Silver	: 46 (faculty-16, students-30)
Elite	: 68 (faculty-21, students-47)
Successful	: 75 (faculty-22, students-53)
No-certificate	: 13 (faculty-01, students-12)
FDP certification	: 48

July-December 2019

Total Candidates' Enrolled	: 1853 (Faculty-165, Students- 1688)
Total Courses enrolled	: 4358
Total mentors enrolled	: 19
Total mentors certified	: 07
Total enrolled for exam	: 521
Certified	: 439 (faculty-71, students-368)
Toppers	: 34 (faculty (7)-1%-3, 2%-1, 5%-3 Students-(27)- 1%- 5,2%-2,5%-20
Elite+ Gold	: 26 (faculty-03, students-23)
Elite+ Silver	: 214 (faculty-23, students-191)
Elite	: 135 (faculty-24, students-111)
Successful	: 137 (faculty-06, students-131)
FDP certification	: 47
Rating	: AA



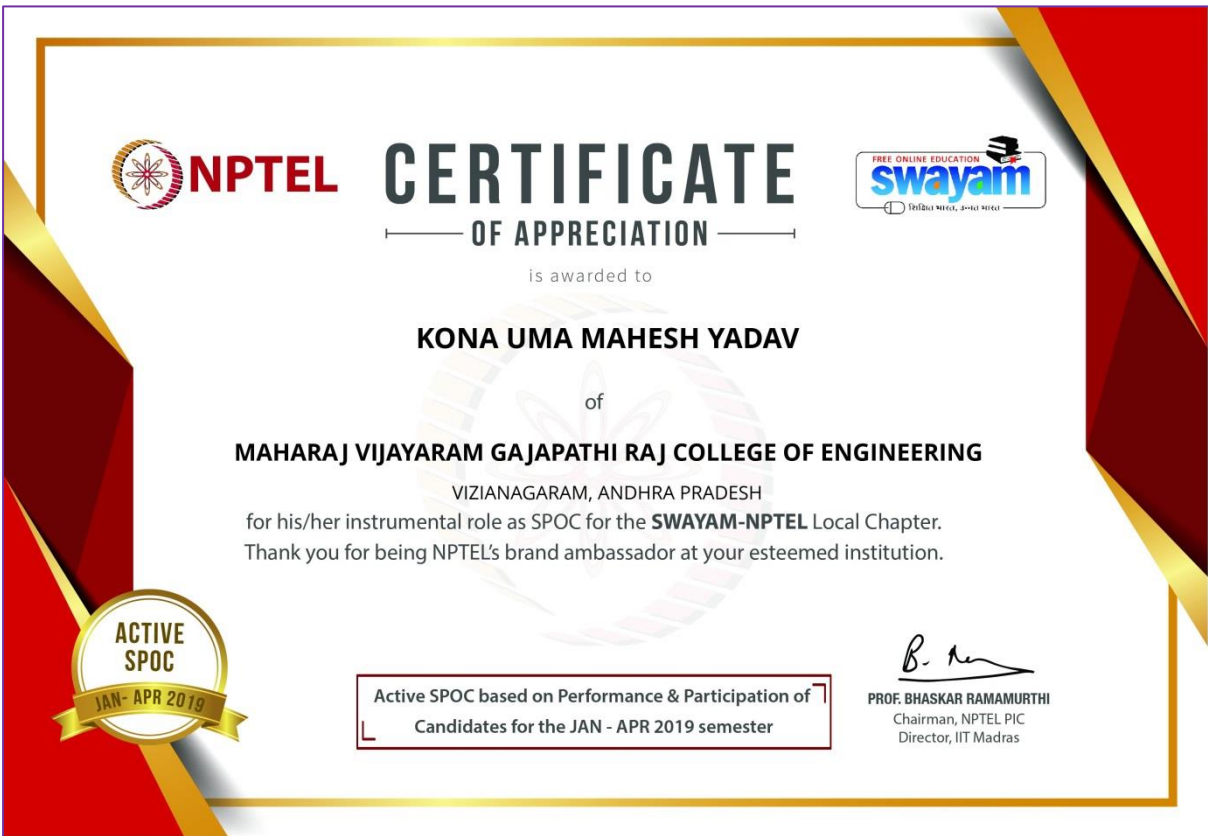
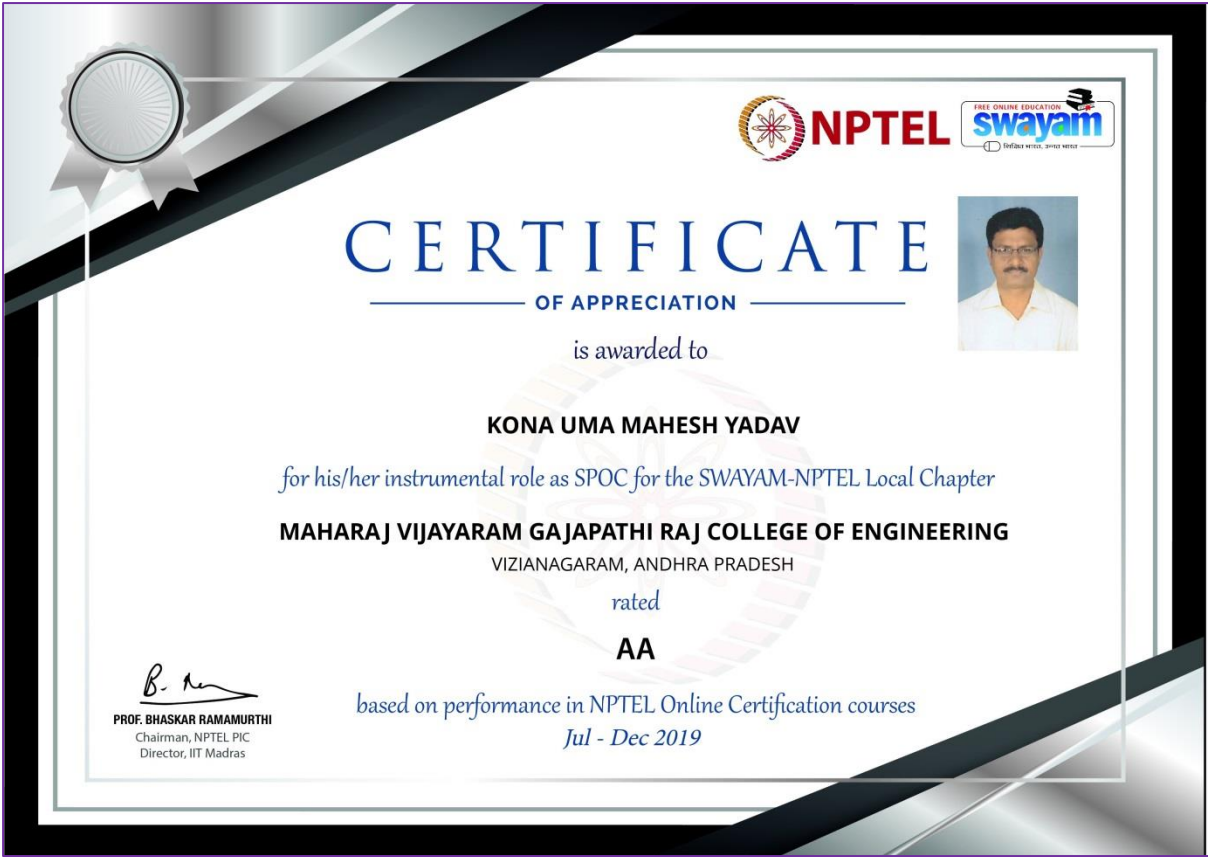
Receiving Award from Director IIT Madras



Receiving Award from NPTEL Co-ordinator



Local Chapter Appreciation Awards



SPOC Appericiation Awards