DOCUMENTARY EVIDENCE FOR

4.1.1. The Institution has adequate infrastructure and other facilities For a. teaching – learning, viz., classrooms, laboratories, computing equipment etc. b. ICT – enabled facilities such as smart class, LMS etc. Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc.

ICT FACILITIES

4.1.1. INFRASTRUCTURE FACILITIES

6. ICT FACILITIES

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		Page number
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c	Video conferencing and Web Streaming Facilities in IQAC	10
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A. ONLINE RESOURCE INITIATIVE OF COLLEGIATE EDUCATION – WEB STREAMING CENTRE

The Online Resource Initiative of Collegiate Education (ORICE) is a Government of Kerala initiative aimed at creating and sharing video content featuring distinguished academics from India and abroad. This programme is a pivotal part of ongoing efforts to enhance the quality of through e-learning platforms. Our institution has implemented this scheme religiously with an aim to create a robust academic framework by blending the technology into academic arena.

The college have a dedicated **ORICE Web Streaming Centre**, a fully-equipped studio designed for organising lectures and presentations by distinguished academicians all across the world through web streaming facility. Our ORICE Web Streaming Centre has a seating capacity of 40 attendees at a time.

Features and merits of ORICE Web Streaming Centre

- **Technology blended learning experience:** The ORICE facility provides an unparallelled academic exposure to the students of our college who are mainly of rural background.
- **Enhanced academic exposure:** The ORICE facility is used to stream online sessions by eminent academicians hailing from different parts.
- **Accessibility and Flexibility**: Web-based delivery allows students to attend lectures remotely.

Image 1: ORICE Room
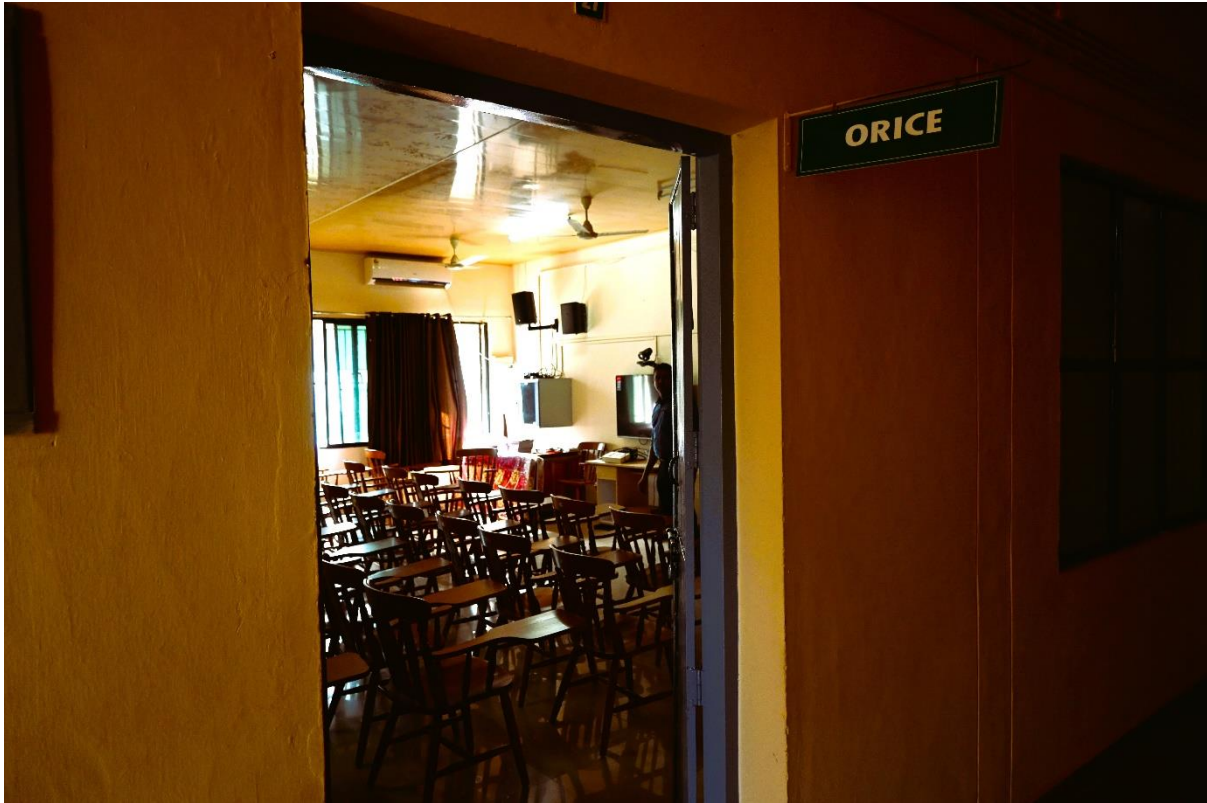
Image 2: ORICE Room - Outside view

Image 3:ORICE Room - Inside view

Image 4: ORICE Room

Image 5: ORICE Room during a session

Image 6: ORICE Room during a seminar

Image 7: WEB-Streaming facility in ORICE Room

B. HIGH SPEED INTERNET CONNECTIVITY

Our institution recognizes the critical importance of reliable and high-speed internet connectivity in today's digital learning environment. To ensure a seamless online experience for students and faculty, the college offers High Speed Internet Connectivity via BSNL Fibernet and K-FON (Kerala-Fiber Optic Network). High speed internet is disseminated through WIFI, LAN Cables etc.

Advantages of providing High-Speed Internet in Campus:

- **Enhanced Learning Opportunities:** Fast internet access broadens access to diverse online learning resources, such as interactive simulations, virtual laboratories, and Massive Open Online Courses (MOOCs).
- **Effective Communication and Collaboration:** Reliable internet connectivity enables smooth communication and collaboration among students, faculty, and external partners via email, video conferencing, and online learning platforms.
- **Greater Exposure to Avenues of Knowledge:** A high speed and stable internet facility enables the students to access knowledge across the globe.

Image 8: Highspeed Internet Cabinet Box

Image 9: Highspeed Internet Cabinet Box

Image 10: Highspeed Internet Cabinet Box ORICE Room

C. VIDEO CONFERENCING AND WEB STREAMING FACILITIES IN IQAC

The IQAC room does not possess its own specialized video conferencing equipment. Instead, it utilizes the ORICE room and other campus facilities equipped for video conferencing. However, The IQAC room is equipped with certain facilities like advanced short-throw projector, interactive smart board which could be used as a screen as well as a big screen smart TV for organising programmes and video conferencing sessions. The IQAC utilises cloud-based video conferencing services like Zoom and Google Meet to organise such online sessions.

Features

- **Utilises cloud-based video conferencing services**
- **Big screen Smart Television**
- **Advanced short-throw projector and Interactive Smartboard.**
- **Executive tables and professional furniture arrangement**

Image 11: Former IQAC Room
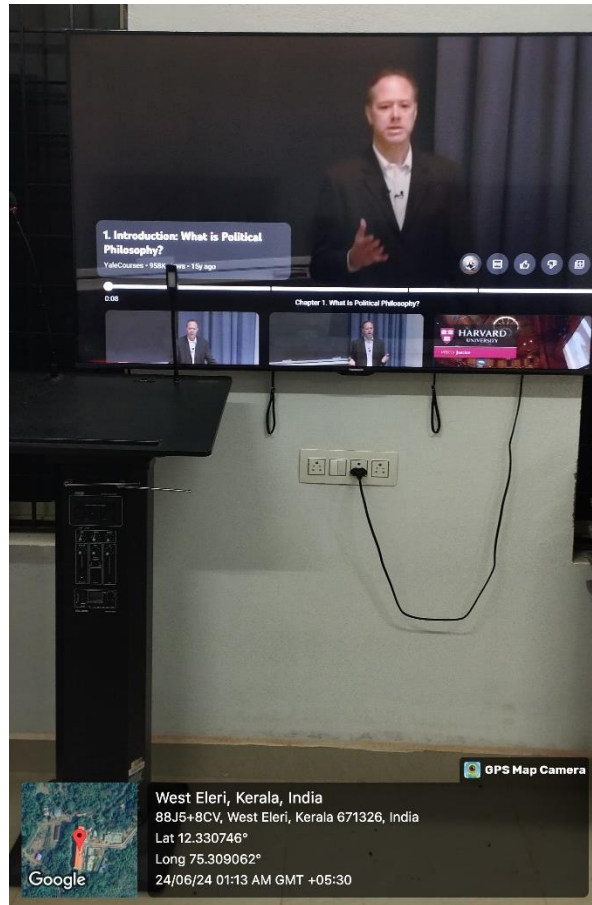
Image 12: IQAC Room Smart Television

West Eleri, Kerala, India
88J5+8CV, West Eleri, Kerala 671326, India
Lat 12.330744°
Long 75.309064°
24/06/24 01:12 AM GMT +05:30

GPS Map Camera

Image 13: IQAC Room: Short-throw projector & Interactive Smart Board

D. HIGH SPEED PRINTERS, SCANNERS AND PHOTOCOPIER MACHINES

The office of our institution works efficiently by incorporating state of the art technology including, high-speed printers, scanners, and photocopiers used to streamline workflows and improving productivity.

Features and advantages

- **Enhancing Efficiency**
- **Streamlining services provided by the office**
- **Efficient document management**
- **Eco-friendly practices:** Reduces the use of paper.

Image 14: High-Tech Printer in Exam Confidential Room

Image 15: High-tech Printer and scanner in Office

Image 16: High tech printer and scanner in Office

Image 17: : High tech printer and scanner in Office

E. E-OFFICE FACILITY

The college has embraced a wholistic digital transformation by implementing a comprehensive e-Office system with the support of Government of Kerala. This system, powered by a combination of **SPARK, BIMS, E-Treasury, Digi-Pay and DDFS,** aims to enhance efficiency, transparency, and accessibility in administrative processes.

- **SPARK: Service and Payroll Administrative Repository for Kerala** is an Integrated Personnel, Payroll and Accounts information system for all the Employees in Government of Kerala. The system caters to the Personnel Administration, Payroll and other Accounts activities of Government Establishments. Every employee is allotted with a unique Permanent Employee Number (PEN) through the system. This Centralized system helps the departments to get details of any employee immediately, achieve highest level of transparency in dealing with the employees, more consistent application of rules etc. In the payroll side, accurate and automatic payroll processing is facilitated. It also ensures that the rules and regulations are uniformly applied to all employees there by avoiding complaints and achieving better employee relations.

Screenshot 1: SPARK interface

Screenshot 2: SPARK interface

Screenshot 3: SPARK interface

- **BIMS:** BIMS (Bill Information and Management System) is a software for bill management by Department of Treasuries. This portal is designed as part of Integrated Financial Management System-Kerala. It is a e-Bill Portal for Claim Settlements owned by the Government of Kerala. It provides services like, generation of contingent bills (TR 59E), approval & e-Submission of TR 59E, tracking bill Status & Bill Book, preparation of proceedings for Cheques by DDOs, e-Submission of Proceedings to Treasury and status of proceedings. The college utilises BIMS in for efficient bill management.

Screenshot 4: BIMS interface

Screenshot 5: BIMS interface

Screenshot 6: BIMS interface
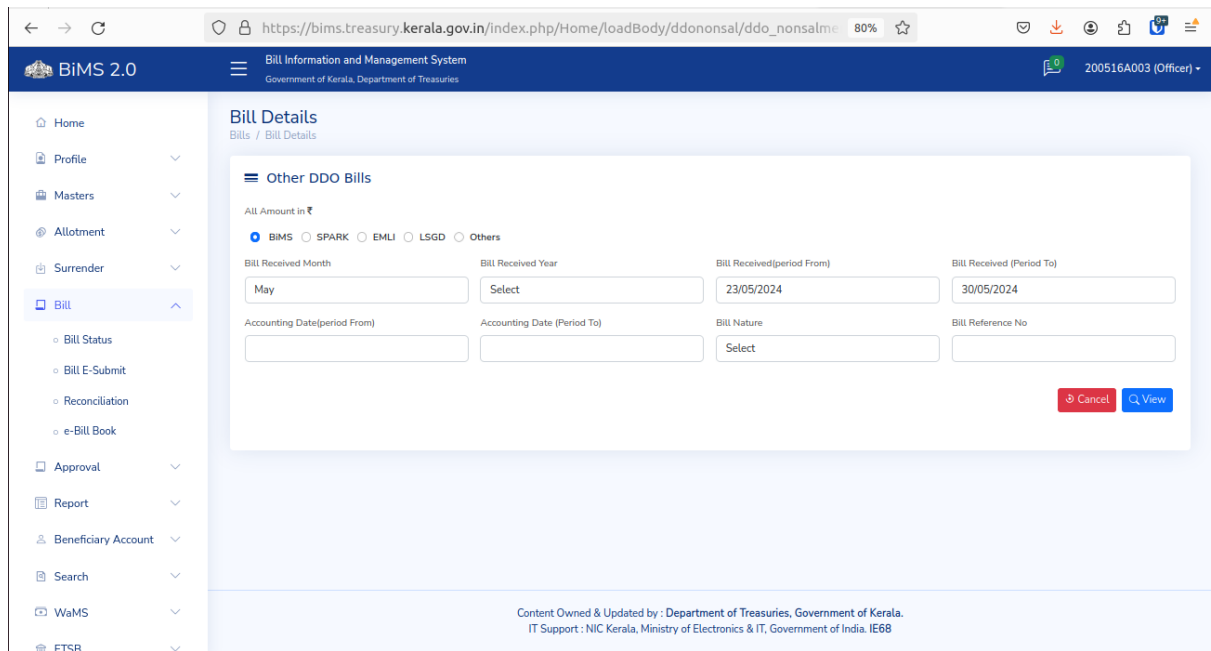
Screenshot 7: BIMS interface

E-Treasury: e - Treasury is a software owned by Department of Treasuries, Government of Kerala. This system is developed as part of IFMS (Integrated Financial Management System). It is a comprehensive tool designed for efficient financial management and treasury operations. This software is used for the generation of Challan/ Paying slips for the payment of various government accounts. The software ensures transparency and accountability in financial transactions, enhances operational efficiency, and provides real-time tracking and reporting capabilities.

Screenshot 8: E-treasury interface
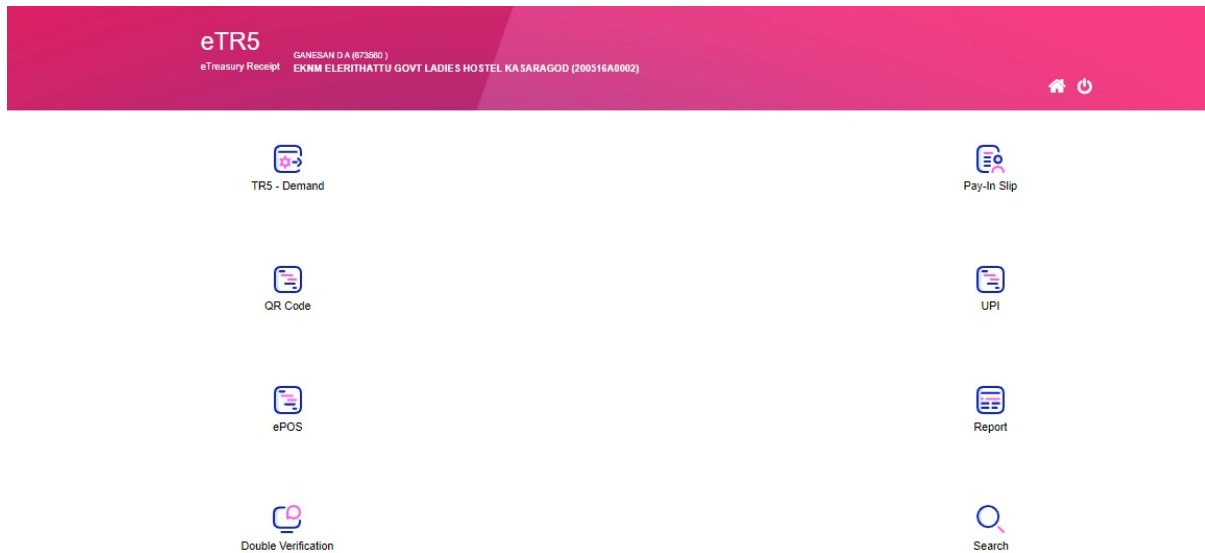

Screenshot 9: E-treasury interface

DDFS: The Digital Document Filing System (DDFS) in Kerala is an advanced electronic platform designed for efficient storage, management, and retrieval of documents across various government departments and agencies in the state. It aims to replace traditional paper-based filing systems with digital alternatives, promoting transparency, accessibility, and ease of document handling. DDFS facilitates secure storage of documents, ensures quick and accurate retrieval through digital indexing, and supports seamless sharing and processing of information among authorized users. This system plays a crucial role in enhancing administrative efficiency, reducing paperwork, and promoting eco-friendly practices within Kerala's government administration.
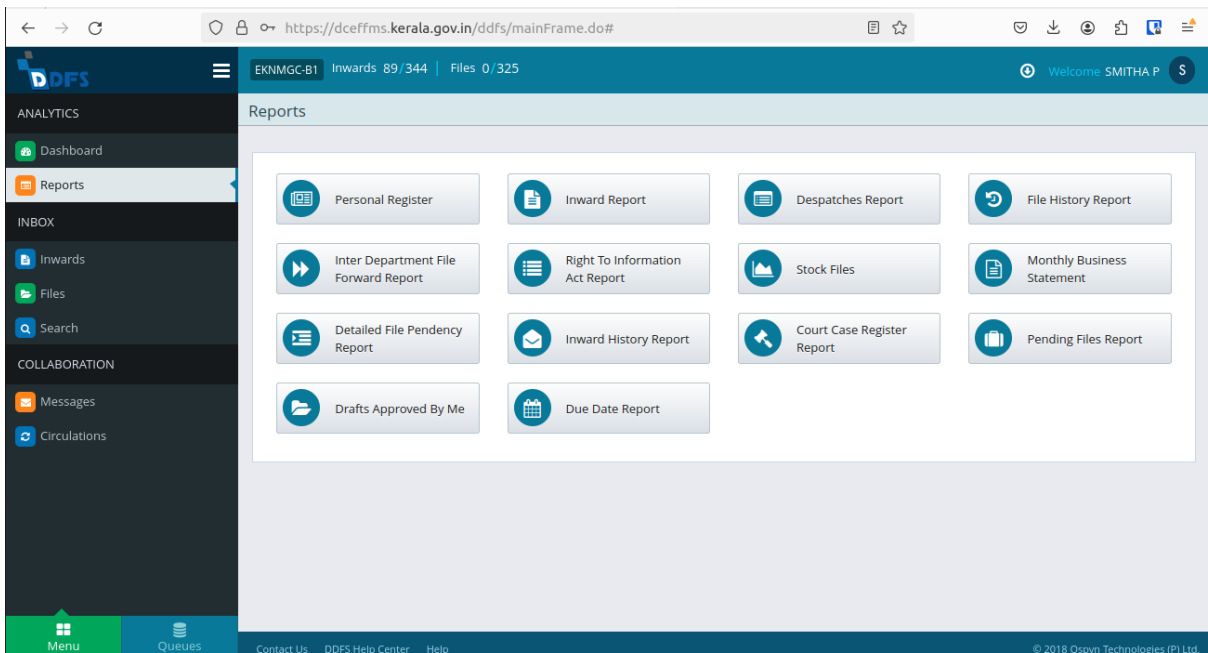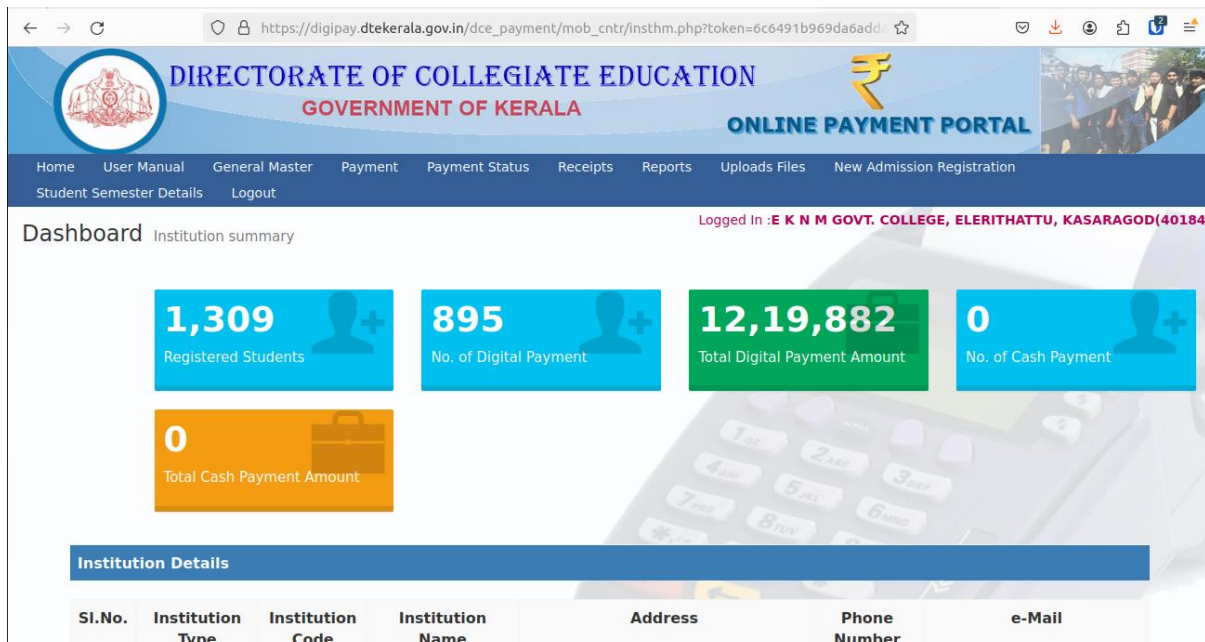
Screenshot 10: DDFS Interface
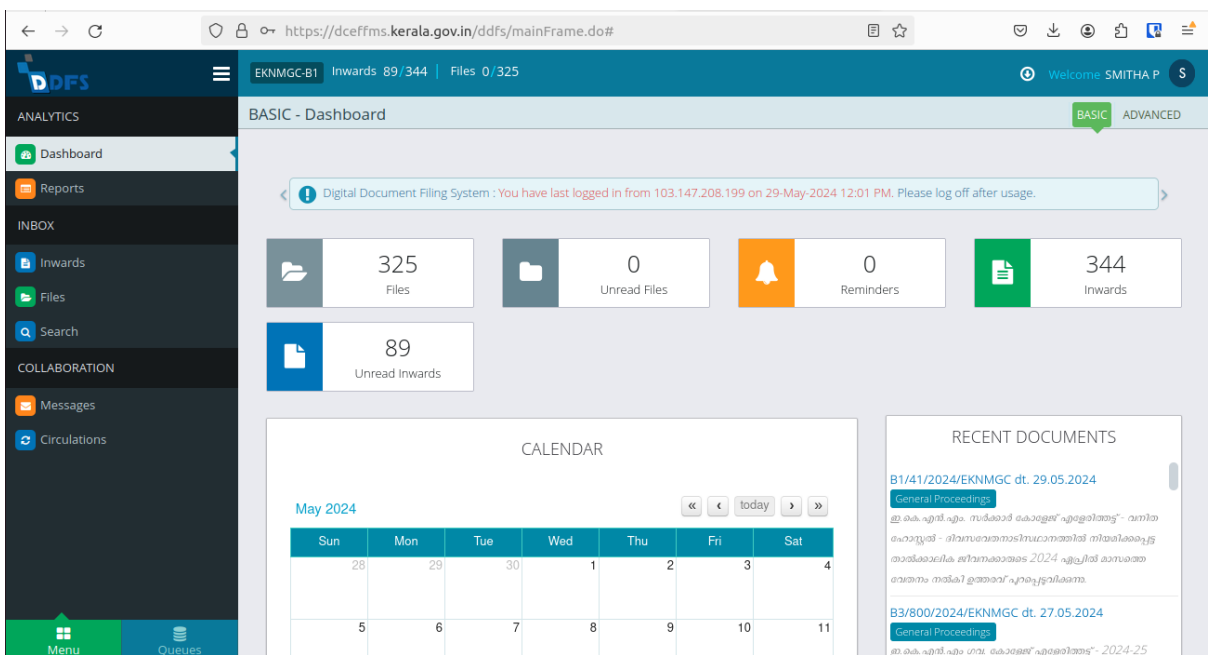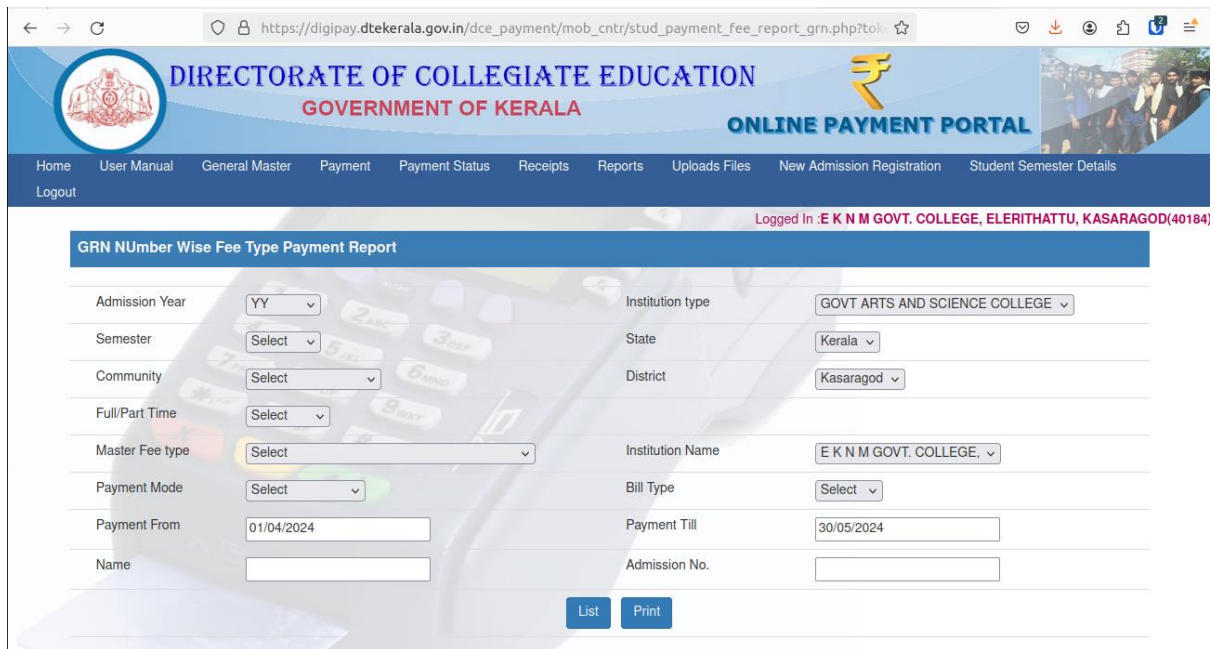

Screenshot 11: DDFS Interface
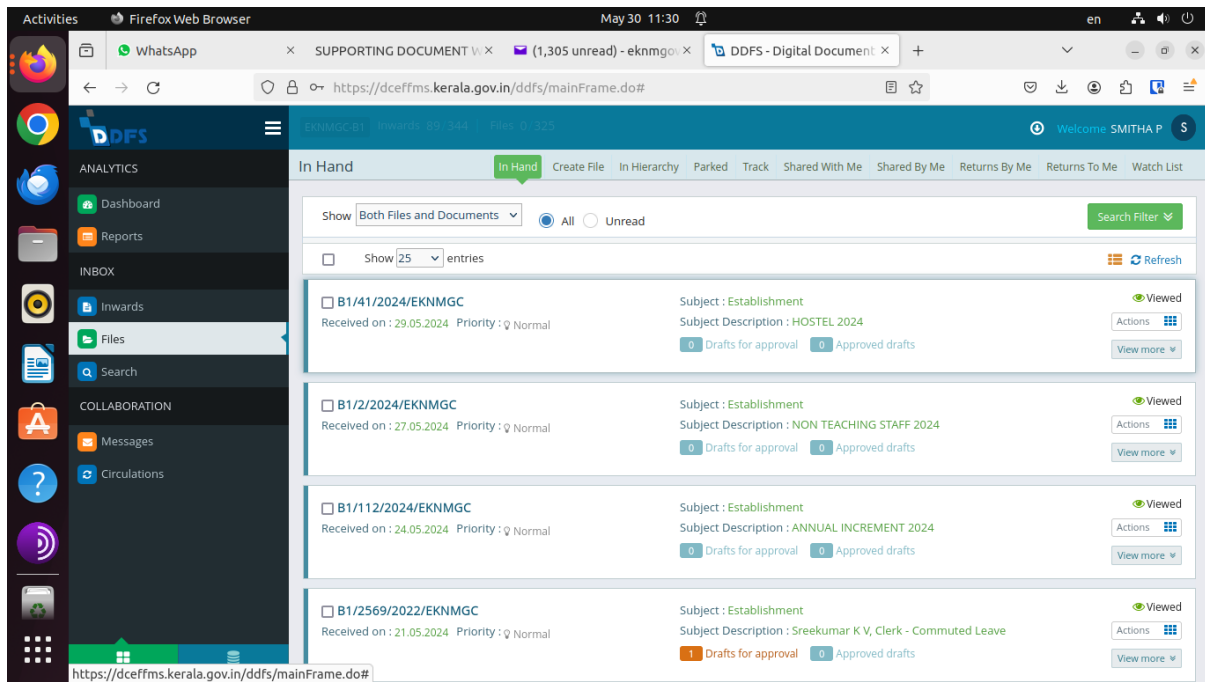
Screenshot 12: DDFS Interface

Digi-Pay: Digi-Pay **is** an online payment website published and managed by Directorate of Collegiate Education, Government of Kerala. It is developed by Government of India, Ministry of Communications and Information Technology, National Informatics Centre. It used for fee payment by the students to the various government and university accounts.


Screenshot 13: Digipay interface

Screenshot 14: Digipay interface

F. CCTV SURVEILLANCE OF THE CAMPUS

The college prioritizes the safety and security of its entire community by implementing a comprehensive CCTV surveillance system across the campus. The college had installed multiple kinds of CCTVs including some of those has the ability to record both audio-visual inputs. CCTV cameras are strategically installed throughout the campus including the main academic cum administrative building, Hostels and Library-Auditorium complex. CCTVs with audio-visual recording capacity have been installed in Exam confidential room, Office, IQAC room etc.

Image 18: CCTV installed at various locations of the campus
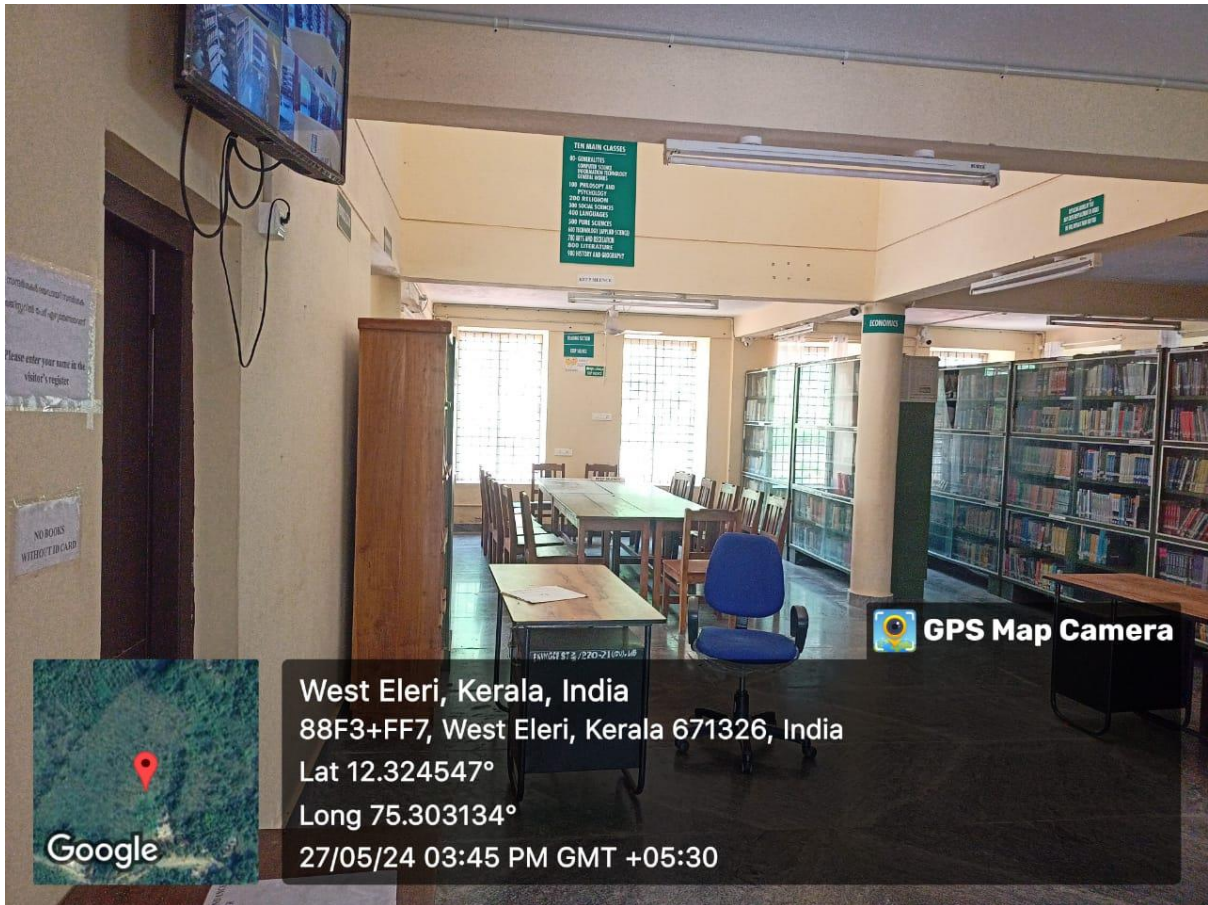
Image 19: Live feed from CCTV in Library

Image 20: Live feed from CCTV in Library

Image 21: Live feed from CCTV in Library

*Image 22: Live feed from CCTV in Library*

G. LMS PLATFORM

Our institution leverages an advanced Learning Management System (LMS) platform called 'CollegeMate' to enhance the teaching and learning experience. This online platform fosters a dynamic and interactive learning environment, extending education beyond the confines of the traditional classroom. This LMS is unique as it is a free software conceived, designed and programmed by Praveen P, the former Head Accountant of our institution.

Merits of CollegeMate LMS platform

- **Flexibility and Convenience:**
- **Improved Communication and Collaboration**
- **Enhanced Transparency and Accountability**
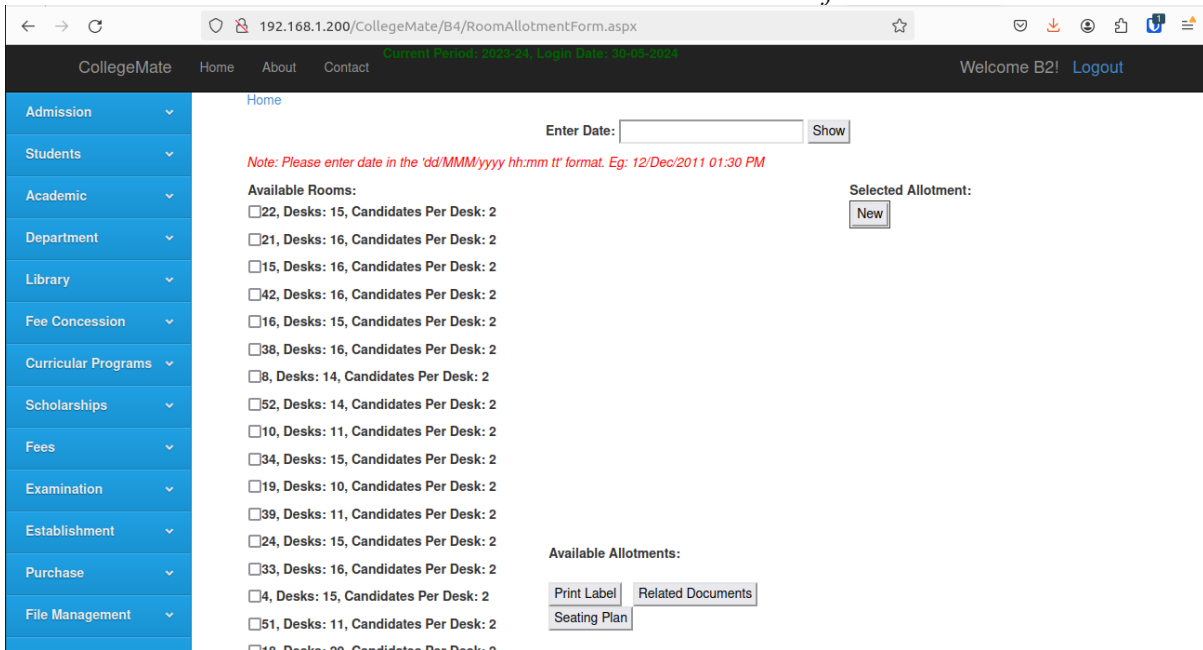- **One stop solution for Internal marks, Attendance management etc.**
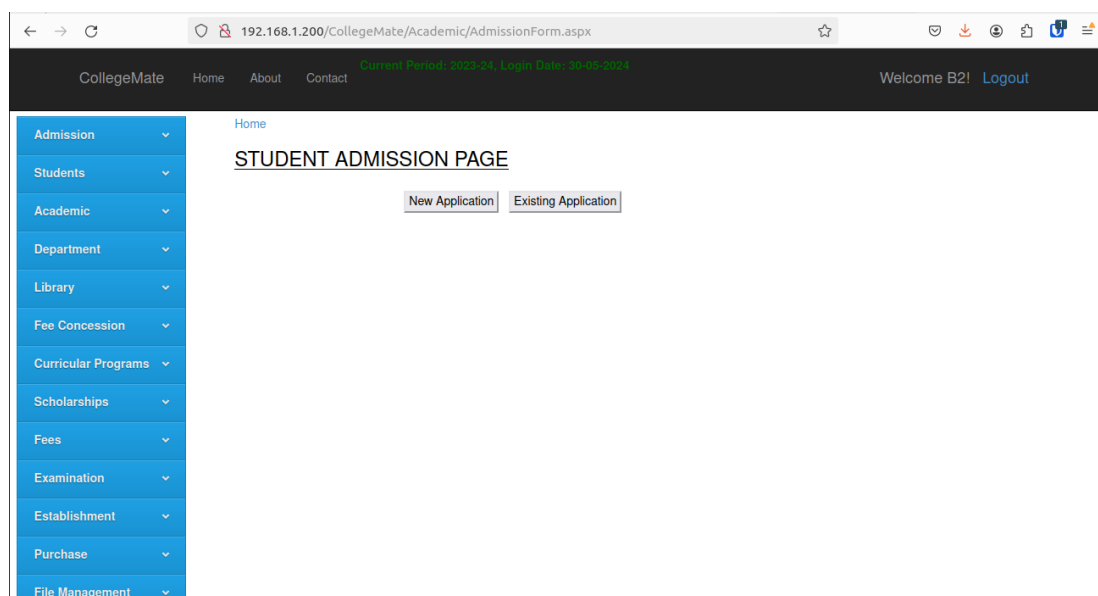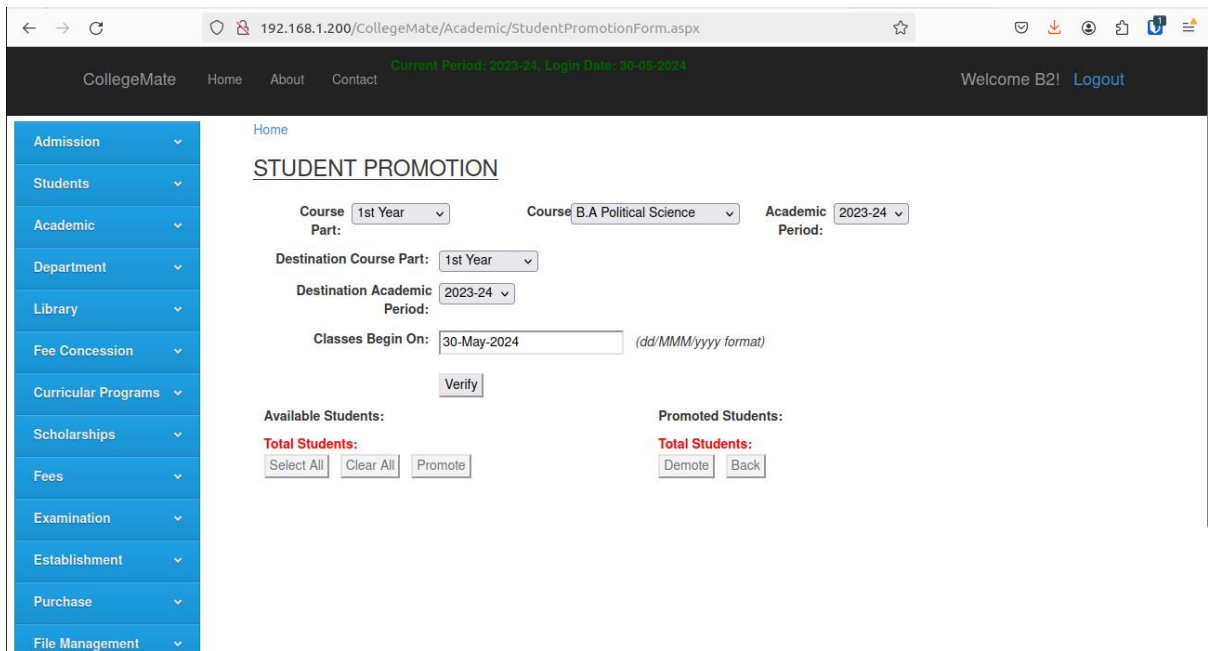

Screenshot 15: COLLEGEMATE In
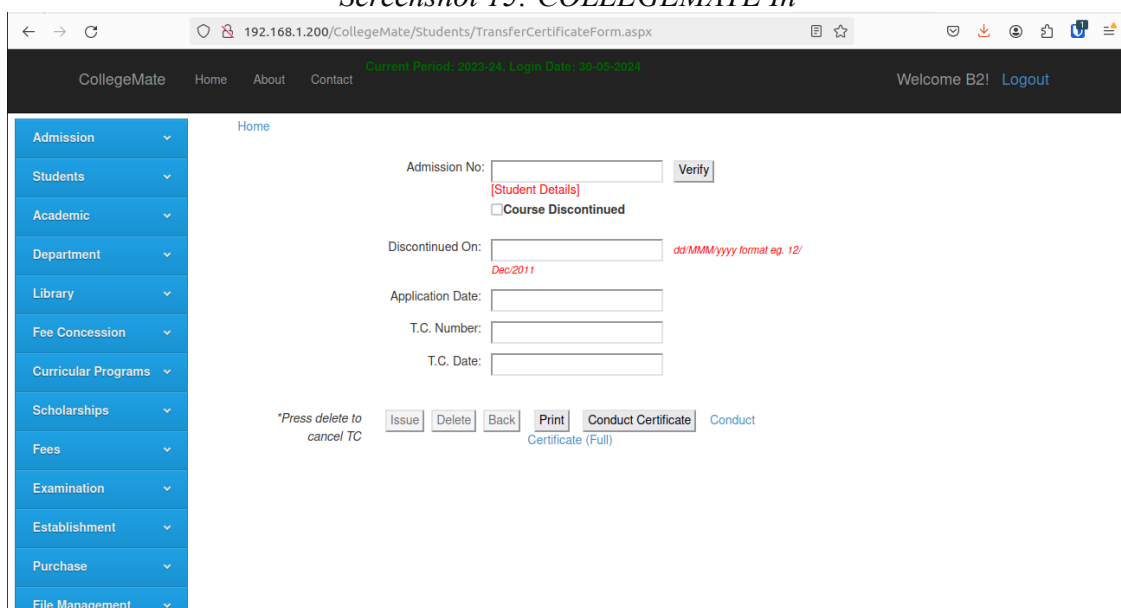
terface

Screenshot 17: COLLEGEMATE Interface

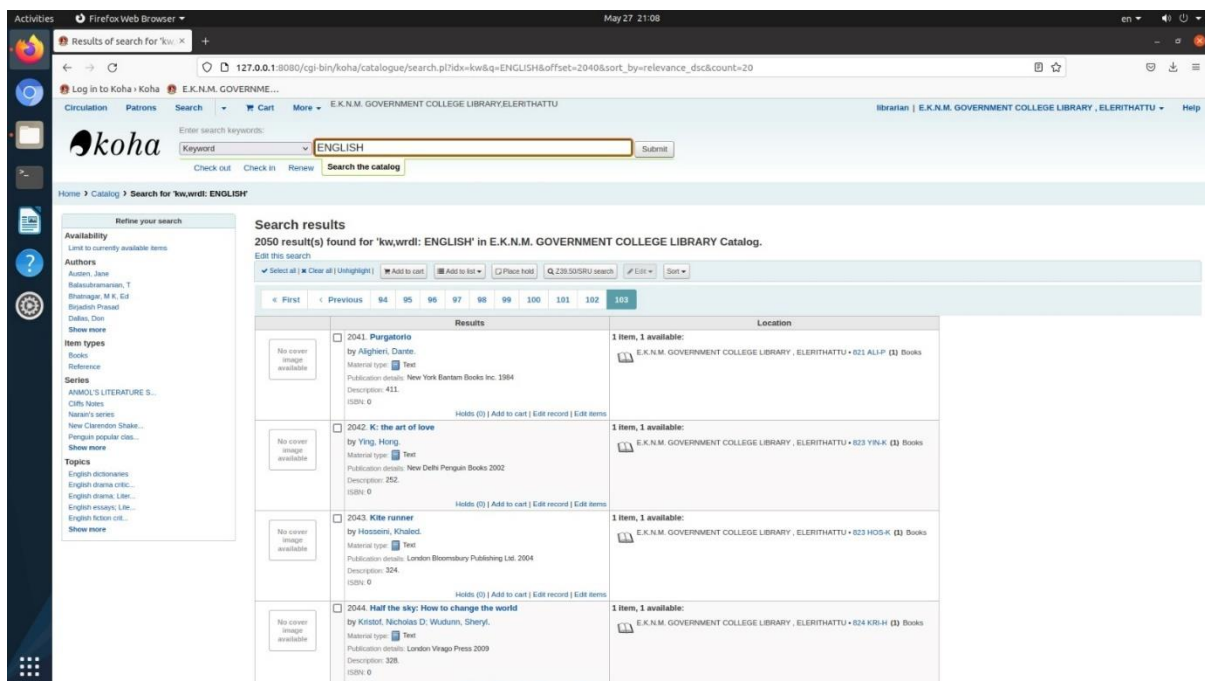*Screenshot 18: COLLEGEMATE Interface*

H. ONLINE FACILITIES IN LIBRARY

The college library offers a comprehensive suite of online facilities to empower students and faculty in their academic pursuits. These resources provide convenient access to a vast collection of information and streamline the research process. The online facilities include the KOHA software and OPAC system.
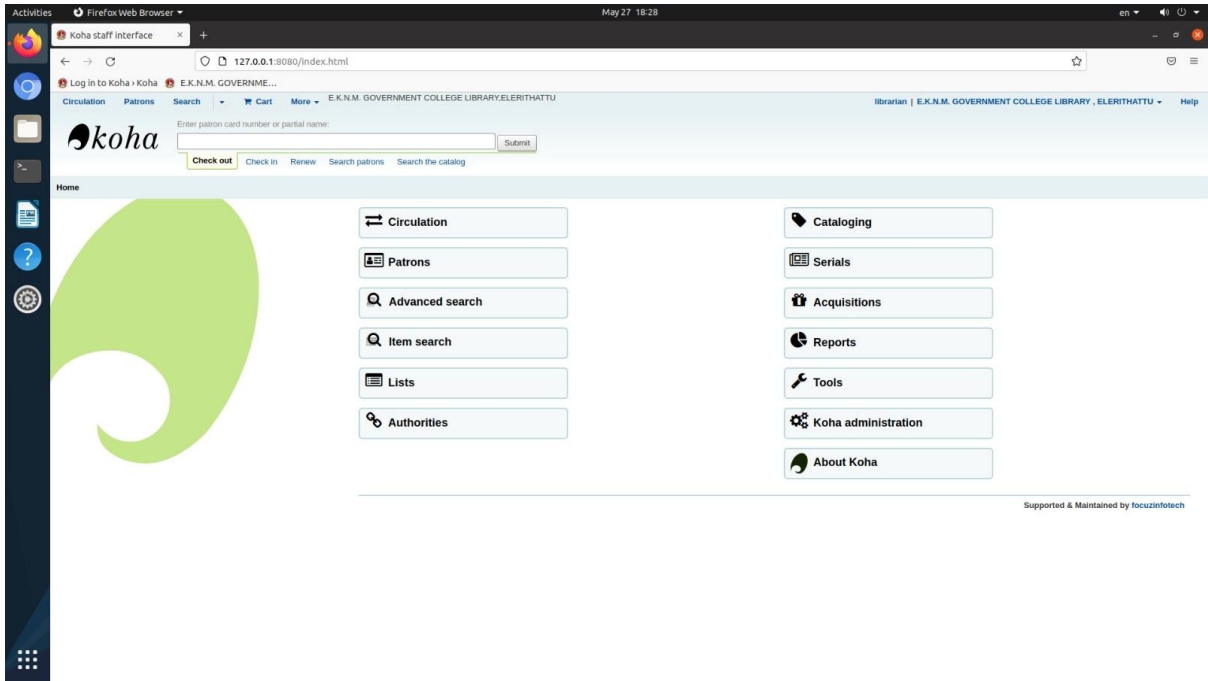
KOHA

Koha is an open-source Integrated Library Management System (ILMS) renowned for its versatility and user-friendly interface. KOHA is the library's Integrated Library Management System (ILMS). It's a user-friendly online platform that provides services including, Searching the library's catalogue for books, journals, articles, and other resources, Checking the availability of items and place holds on borrowed materials.

- ➤ The library is partially automated with RFID System with KOHA ILMS.
- ➤ It has a diverse collection of 27672 Books with RFID tags, several print journals.
- ➤ The library subscribes to 3 newspapers and magazines and has a rich collection of various reference sources such as encyclopaedia, dictionaries, atlas, and yearbooks, etc.
- ➤ The library also provides access to about 6000+ e-journals and 1,99,500+ e-books through N-List Programme and 6,00,000 through NDL of INFLIBNET and a host of high-quality electronic databases subscribed by Kannur University Library System to its users.

Screenshot 19: KOHA Interface

Screenshot 20: KOHA Interface

☐ Menu   ☐ ▾ ☐

Search results

2050 result(s) found for 'kw,wrdl: ENGLISH' in E.K.N.M. GOVERNMENT COLLEGE LIBRARY Catalog.
Edit this search

9 Select all | x Clear all | Unhighlight | Y Add to cart   ☐ Add to list ▾   ☐ Place hold   Q Z39.50/SRU search   ✐ Edit ▾   Sort ▾

☐ First   ☐ Previous   1   **2**   3   4   5   6   7   8   9   10   Next ☐   Last ☐

	Results	Location
No cover image available	21. Background to the study of English literature for Indian students by Birjadish Prasad. Material type: ☐ Text Publication details: New Delhi Macmillan India Ltd. 1965 Description: 204. ISBN: 0 Holds (0)	Add to cart	Edit record	Edit items	1 item, 1 available: ☐ E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 820.7 BIR-B (1) Books
No cover image available	22. Growth and structure of the English language by Jespersen, Otto. Material type: ☐ Text Publication details: New Delhi Oxford University Press 1991 Description: 244. ISBN: 0 Edition: 9 Holds (0)	Add to cart	Edit record	Edit items	1 item, 1 available: ☐ E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 420.9 JES-G9 (1) Books
No cover image available	23. Oxford dictionary of current English by Fowler, H W, Ed.; Fowler, F G, Ed. Material type: ☐ Text Publication details: Delhi Oxford University Press 1985 Description: 894. ISBN: 0 Edition: 7 Holds (0)	Add to cart	Edit record	Edit items	1 item, 1 available: ☐ E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • R 423 FOW-O7 (1) Books
No cover image available	24. Practical English grammar by Thomson, A J; Martinet, A V. Material type: ☐ Text Publication details: New Delhi Oxford University Press 1964 Description: 383. ISBN: 0 Edition: 4 Holds (0)	Add to cart	Edit record	Edit items	1 item, 1 available: ☐ E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 425 THO-P4 (1) Books
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No cover image available	27. Practical English grammar: Exercises 1 by Thomson, A J; Martinet, A V. Material type: ☐ Text Publication details: New Delhi Oxford University Press 1986 Description: 199. ISBN: 0 Edition: 2	1 item, 1 available: ☐ E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 425 THO-P2.1 (1) Books

	28. Practical English grammar: Exercises 2 by Thomson, A J; Martinet, A V. Material type: Text Publication details: New Delhi Oxford University Press 1986 Description: 199. ISBN: 0 Edition: 3 Holds (0) | Add to cart | Edit record | Edit Items	1 item, 1 available: E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 425 THO-P3.2 (1) Books
No cover image available	29. Mastering English Grammar by Burton, S H. Material type: Text Publication details: London Macmillan & Co. Ltd. 1984 Description: 178. ISBN: 0 Holds (0) | Add to cart | Edit record | Edit Items	1 item, 1 available: E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 425 BUR-M (1) Books
No cover image available	30. Illustrated stratford Shakespeare by Shakespeare, Willaim. Material type: Text Publication details: New York Exeter Books 1984 Description: 1023. ISBN: 0 Holds (0) | Add to cart | Edit record | Edit Items	1 item, 1 available: E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • R 822.33I SHA-I (1) Books
No cover image available	31. Longman dictionary of contemporary English Material type: Text Publication details: London Longman Group Ltd. 1978 Description: 1303. ISBN: 0 Holds (0) | Add to cart | Edit record | Edit Items	1 item, 1 available: E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • R 423.1 LON (1) Books
No cover image available	32. English-Hindi-Malayalam dictionary by Blakrishnan, V, Ed.; Leeladevi, R, Ed. Material type: Text Publication details: Kottayam Vidhyarthi Mithram Book Depot 1986 Description: 990. ISBN: 0 Holds (0) | Add to cart | Edit record | Edit Items	1 item, 1 available: E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • R 423.H BLA-E (1) Books
No cover image available	33. English teacher by Narayan, R K. Material type: Text Publication details: Mysore Indian Thought Publications 1955 Description: 228. ISBN: 0 Holds (0) | Add to cart | Edit record | Edit Items	1 item, 1 available: E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 828.3 NAR-E (1) Books
No cover image available	34. Poet's eye: A selection of English poems of the young by Ayyappa Panicker. Material type: Text Publication details: New Delhi S Chand & Co. Ltd. 1987 Description: 92. ISBN: 0 Holds (0) | Add to cart | Edit record | Edit Items	1 item, 1 available: E.K.N.M. GOVERNMENT COLLEGE LIBRARY , ELERITHATTU • 821.08 AYY-P (1) Books

Screenshot 21: KOHA Keyword search – English

Screenshot 22: Book description in KOHA

LIBRARY OPAC

Screenshot 23: OPAC- screenshot of Economics section

Screenshot 24: Screenshot of Malayalam section

Screenshot 25: Screenshot of Literature section

Screenshot 26: Barcode search result