ICT Tools and E-resources in Teaching-Learning

1. SWAYAM

SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) is an online learning platform developed by Ministry of Education and NPTEL, IIT Madras and is designed to achieve the three cardinal principles of Education Policy viz., access, equity, and quality. The objective of this effort is to take the best teaching learning resources to all. It is a massive open online course (MOOC) platform providing educational courses for learners. With reference to our request submitted on 23rd October 2019 for establishing K. E. College as a LOCAL CHAPTER of SWAYAM-NPTEL, the same was sanctioned on 8th November 2019 and K. E. College has got approval as a LOCAL CHAPTER of SWAYAM-NPTEL with LC ID:3286. Dr. Linta Maria Jose, Asst. Professor, Department of Chemistry has been nominated as the Single Point of Contact (SPOC) for the local chapter. Many of our faculty members and Post Graduate students have successfully completed various courses in SWAYAM during 2019-2023. The list and details of various courses are available at the SWAYAM Portal - https://swayam.gov.in/.

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2. INFLIBNET N-LIST

Information and Library Network (INFLIBNET) Centre is an autonomous Inter University Centre of the University Grants Commission of India. It is a major National program initiated by the UGC in March 1991 with its Headquarters at Gujrat University Campus, Ahmedabad. The project is entitled as National Library and Information Services Infrastructure for Scholarly Content(N-LIST). The N-LIST project provides access to 6,000+journals, 1,99,500 e-books and 6,00,000e-books through NDL, to students, researchers and faculty from colleges and other beneficiary institutions through a server installed at the INFLIBNET Centre.

MAHATMA GANDHI UNIVERSITY LIBRARY

INFED SERVICE LOGIN DETAILS

Name	KE college Mannanam
INFED website address	idp.mgu.ac.in
User Name	IM0006
Password	161120231110

For technical assistance, please contact Dr. Vimal Kumar V., Reference Assistant, Mahatma Gandhi University. Mobile: 9846496323.

3. E-CONTENT CREATION BY TEACHERS AND STUDENTS

Teachers and students are motivated and provided with opportunities and training to create e-content. One such initiative provided by the Department of English is "My Guild," where student initiatives in skill training, translation, and poetry writing are conducted. Student lectures on syllabus content are also provided. The YouTube links to these presentations are listed below.

https://www.youtube.com/@KuriakoseEliasCollegeMannanam

https://www.youtube.com/@elacesproductions9097

4. K.E. MEDIA LAB

Media hub in our college is dedicated to content creation and is a dynamic space where students and faculty can produce, edit, and distribute various types of media content, including videos, podcasts, graphics, and digital publications.

5. LANGUAGE SKILLS CENTRE

The language skills centre is a specialized facility designed to support and enhance basic language skills. It includes computers, headphones, and microphones for listening and speaking practice, as well as interactive tools such as smartboards for engaging exercises and activities. Thus, the space offers an amalgamated learner-centric methodology where the students avail the dual benefits of Instructor Led Training (ILT) as well as Computer Assisted Language Learning (CALL).

6. DATA SCIENCE STUDIO

The Data Science Studio at Dept. of Statistics, is a specialized laboratory designed to enhance the learning and research capabilities of students and faculty in the field of data science and statistics. Established with the aim of providing hands-on experience in data analysis, machine learning, and statistical modeling, the studio is a vital resource for fostering academic excellence.

The Data Science Studio is equipped with high-performance computers with the latest data analysis software (e.g., R, Python, SAS, SPSS, etc.)

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7. R SOFTWARE

R is a powerful open-source programming language and environment specifically designed for statistical computing and data analysis. It provides a comprehensive suite of tools for data manipulation, statistical modeling, and graphical representation. R is widely used in various fields, such as statistics, data science, and research, due to its flexibility and extensive library of packages that extend its functionality.
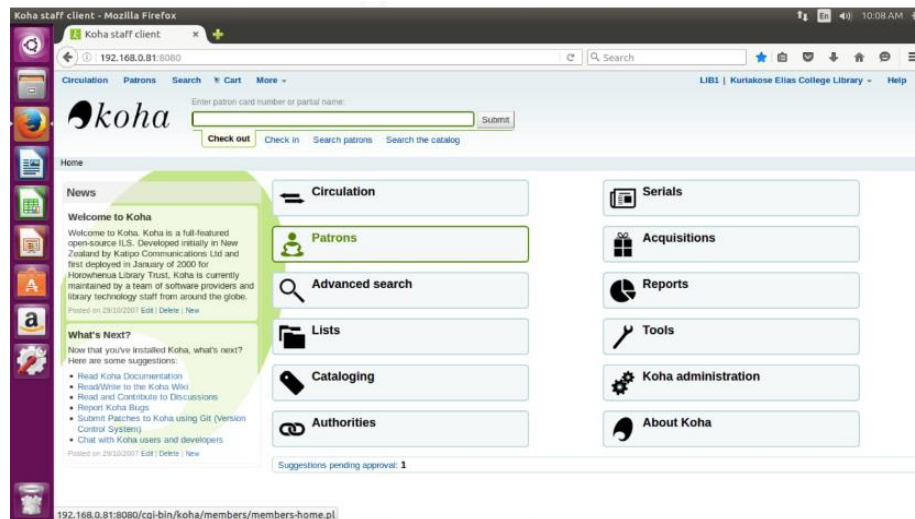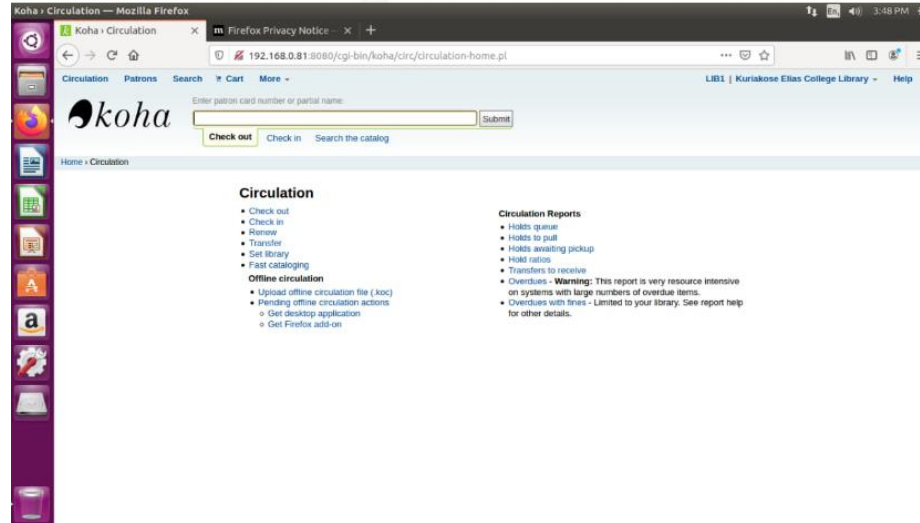

8. KOHA

Our college library is equipped with Koha, an advanced open-source Integrated Library System (ILS) that streamlines all aspects of library management. By adopting Koha, we have revolutionized the way our library operates, ensuring a seamless and efficient experience for both staff and patrons.

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9. KAHOOT

Kahoot is an interactive learning platform that uses gamification to make education engaging and fun. It allows educators to create quizzes, surveys, and polls that students can participate in using their smartphones, tablets, or computers.
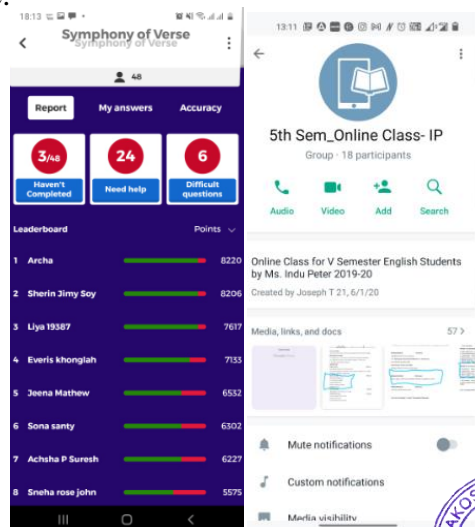
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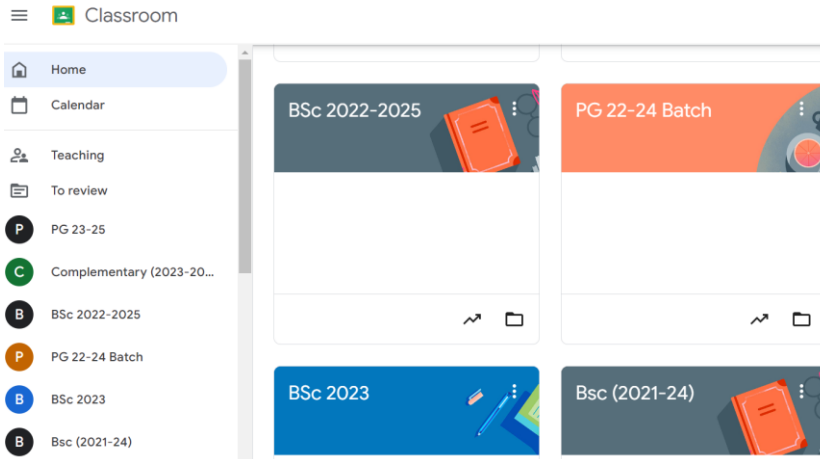KURIAKOSE ELIAS COLLEGE
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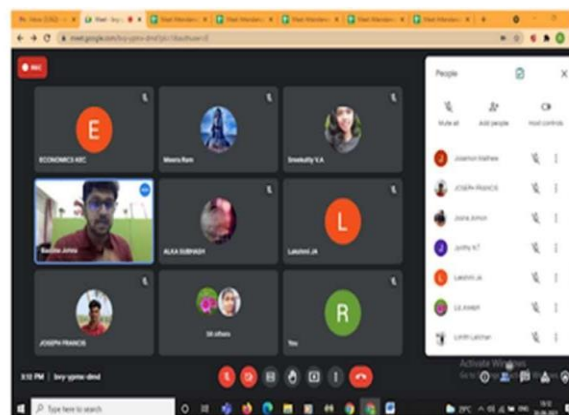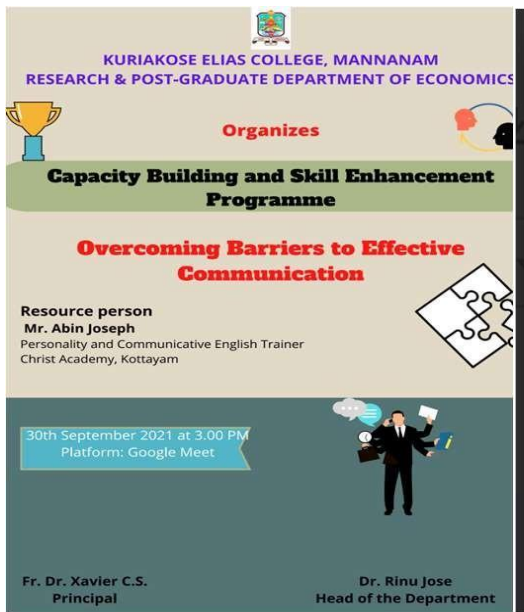
10. GOOGLE CLASSROOMS

Google Classroom is a powerful online platform designed to facilitate learning and streamline the educational process. It enables teachers to create, distribute, and grade assignments seamlessly while fostering communication and collaboration among students. During the COVID-19 pandemic, academic activities were able to continue smoothly due to the effective use of Google Classroom. Teachers received training to use Google Classroom efficiently, which allowed for the effective handling of assignments and quizzes. This platform proved to be a boon during the pandemic. Teachers continue to use Google Classroom for uploading seminar reports, assignments, video tutorials, etc.

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11. WEBINARS

Webinars are conducted by various departments and cells/clubs throughout the academic year. They offer a versatile platform for delivering presentations, training, and interactive discussions to a broad audience regardless of their location. They are valuable for educational purposes, professional development, and information sharing, making them an effective tool for reaching and interacting with diverse audiences efficiently.
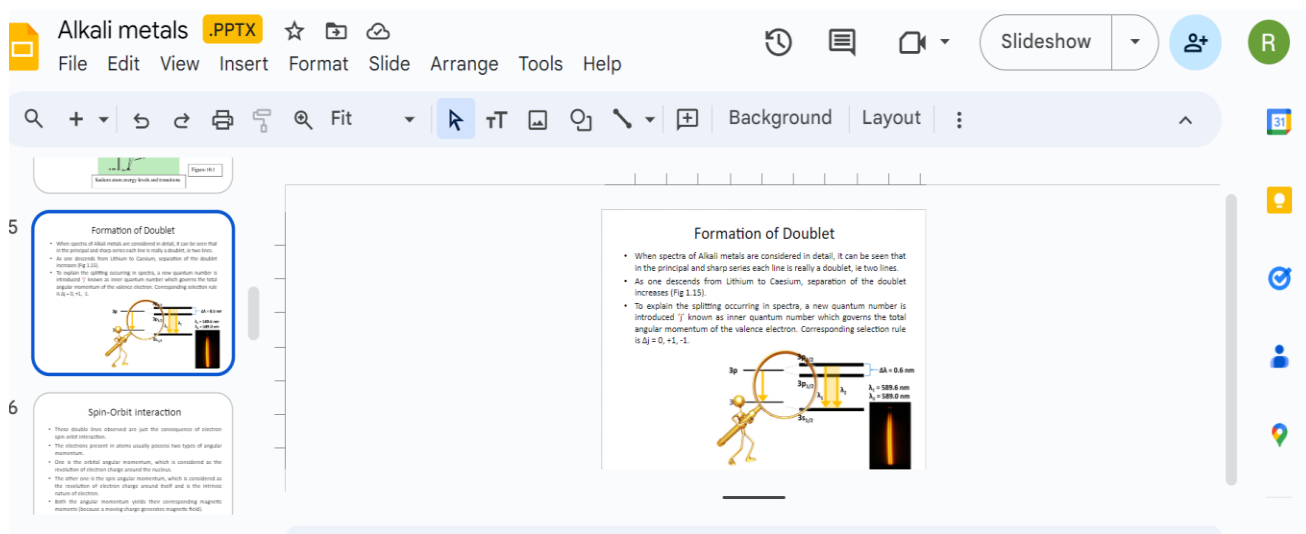
12. ICT AIDED TEACHING

In addition to the traditional chalk-and-board approach, teachers also use PowerPoint presentations for their classes. PowerPoint enables educators to design organized slides with text, images, graphs, and multimedia elements to clarify concepts and complement verbal explanations. This approach helps structure the content logically, making it easier for students to follow and remember the material.

13. COMPUTER LAB

The computer lab in the college is a dedicated space equipped with computers and related technology to support students and faculty in their academic and research activities. It serves as a hub for learning, project work, and digital literacy, offering access to software and resources that may not be available on personal devices.

14. CONFERENCE HALL

The conference hall is equipped with an interactive panel where faculty can arrange official presentations. It combines the functionality of a traditional whiteboard with advanced technology, allowing for a dynamic, interactive, and multimedia-rich experience.

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