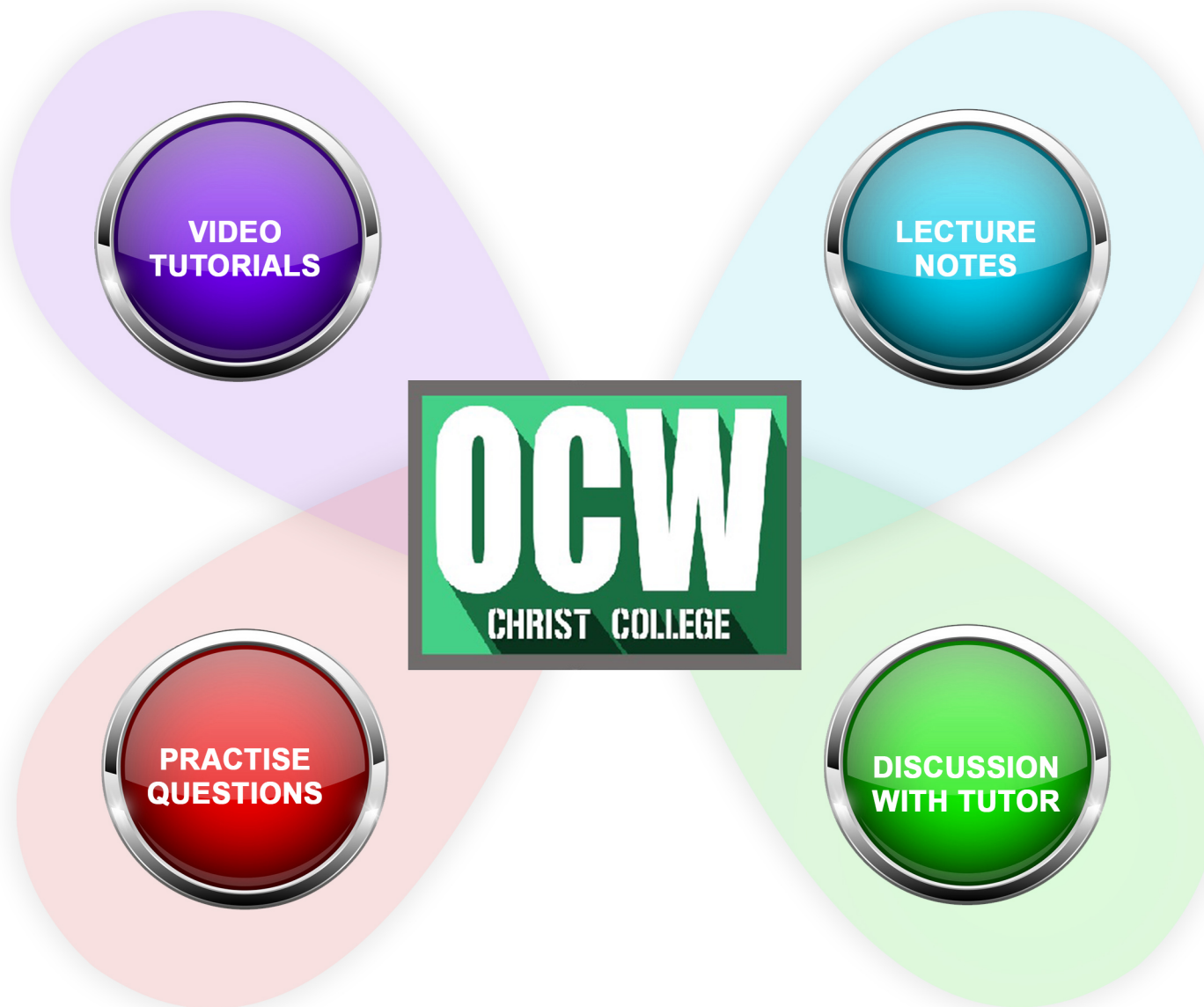




CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA

UNIQUE INITIATIVE- 1
CHRIST OPENCOURSEWARE

IQAC,
Christ College (Autonomous), Irinjalakuda



Retain
You can keep the work forever



Reuse
You can use the work for your own purpose



Revise
You can adapt, modify, or translate the work



Remix
You can combine it with another resource to make new work



Redistribute
You can share the work with others



CHRIST

COLLEGE (AUTONOMOUS)
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Christ OpenCourseWare

Introduction

OpenCourseWare (OCW)– course lessons prepared by universities and colleges and delivered free via internet has got wide acceptance during this pandemic period. Based on the principles of OCW consortium, Christ College decided to create and disseminate the quality course contents under the name Christ OpenCourseWare (Christ OCW). Internal Quality Assurance Cell (IQAC) initiated the activities of building the Christ OCW in 2019 March.

Education to all



Sustainable Development goals of United Nations

Quality education is the 4th among the 17 Sustainable Development Goals as envisioned by United Nations. The target 4.3 states that UN is bounded to ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university by 2030. The OpenCourseWare of Christ College is in align with this goal ensuring quality free education to the youth in Kerala.



4th SDG of United Nations

Also, UNESCO has given utmost priority to develop Open Educational Resources (OER). The UNESCO recommendation on OER is to support the creation, use and adaptation of inclusive and quality OER, and facilitate international cooperation in this field.

The University Grants Commission (UGC) has been keen in implementing Massive Open Online Courses (MOOCs) in India. The Swayam (Study Webs of Active Learning for Young Aspiring Minds) portal of UGC offers quality online education to the youth in India. UGC has issued fresh regulations to Universities forcing to adopt credit transfer for SWAYAM courses.

Christ college has adopted the policy 'Education for all' in lieu with United Nations SDG goal and has been developing resources for the past years to achieve the target. The e-learning activities of Christ College was started much before (March 2017) the pandemic and

these activities were instrumental in the smooth transition to online education during covid times. Two of the several successful initiatives are detailed here.

Christ OpenCourseWare

Christ College believes in "Open education for all" and after several brainstorming sessions in the College Academic council and Governing council; it was decided to start an Open courseware portal for the college. Guidelines were made in accordance with MOOCs specifications of UGC (four quadrants). Very soon the portal came into a reality. Our education portal christopencourseware.com provides open access to university level education for enrolled students as well as to self-learners. The video tutorials, lecture notes, and practice questions all are in the same platform; which provides students a feeling of total education.

Christ OpenCourseWare- Challenges & Solution

Challenge	Solution
In the beginning it was difficult to convince the educators on the culture of open education resources.	Several sessions had to be conducted to explain about the Creative Commons License and OER movement.
Camera consciousness of teachers	Trial recordings were done

Outcome - Christ OpenCourseware

Thirty-four courses are now complete in the portal. The audit courses (Four) of University of Calicut are used by many students outside the College. College has developed five foundation courses for all first-year students. The courses coming under curriculum are well received by students.


The educational youtube channels are Christopencourseware and Christopencoursewarebeta. There are now total of 703 high quality video tutorials in these channels with 5K+ subscribers.

Teacher quality also improved as teachers are now using state of the art facilities. Some of our teachers has become resource persons in ICT enabled teaching.

Christ College has developed its own guidelines for Christ OpenCourseWare.

Four quadrants of the courses in Christ OpenCourseWare

a.) **Video tutorials** – The high-quality video tutorials are created in the dedicated audio video laboratory under the supervision of Christ OCW coordinator. The videos are edited with proper titles and published in Christ OpenCourseWare Youtube channel. College has appointed professional videographer/editor for the purpose of creating quality video lectures. To help the slow learners, some of the contents are prepared in vernacular language and the tutorials are uploaded in the beta channel of Christ OpenCourseWare. The video lab consists of green screen, teleprompter, whiteboard and lightboard.



Computer Fundamentals and ICT Skill Training


Basic Computer Science

[Value added Courses](#) [Code : FOU02](#)

[View Syllabus](#) [Enquiry](#)

- Overview
- Syllabus
- Lecture Notes
- Lecture Videos**
- Practice Quiz

Lecture Videos




COMPUTER FUNDAMENTALS AND ICT SKILL

b.)

Notes

of [handouts](#) – Students are provided with reading materials in the form of handouts in pdf format. Students can download and use them for free.

c.) [Practice questions](#) – Practice questions are created as MCQs (Multiple Choice Questions) for the students to check their learning levels.



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Overview

Syllabus

Lecture Notes

Lecture Videos

Practice Quiz

Practice Quiz

1) Which part of a computer is called brain of computer system?

a) Memory	b) CMOS
c) CPU	d) BIOS

2) Which input device is used to move the cursor on the Computer screen?

d.) **Interaction** – Students can ask their doubts or get assistance from the faculty if needed using the feedback form.

Link to Christ OpenCourseware

<http://www.christopencourseware.com/>

The image shows two screenshots of the Christ OpenCourseWare website. The top screenshot is the home page, featuring a large banner with the text "Christ OpenCourseWare" and a description: "Through Christ OpenCourseWare, Christ College (Autonomous), is a part of the global Open Course Ware movement." The banner includes an illustration of a laptop, headphones, a magnifying glass over a newspaper, and a cup of coffee. The website header includes the Christ College logo, a search bar, and navigation links: Home, Courses, Categories, Testimonials, and Exam Registration. The OCW logo is also present in the top right corner.

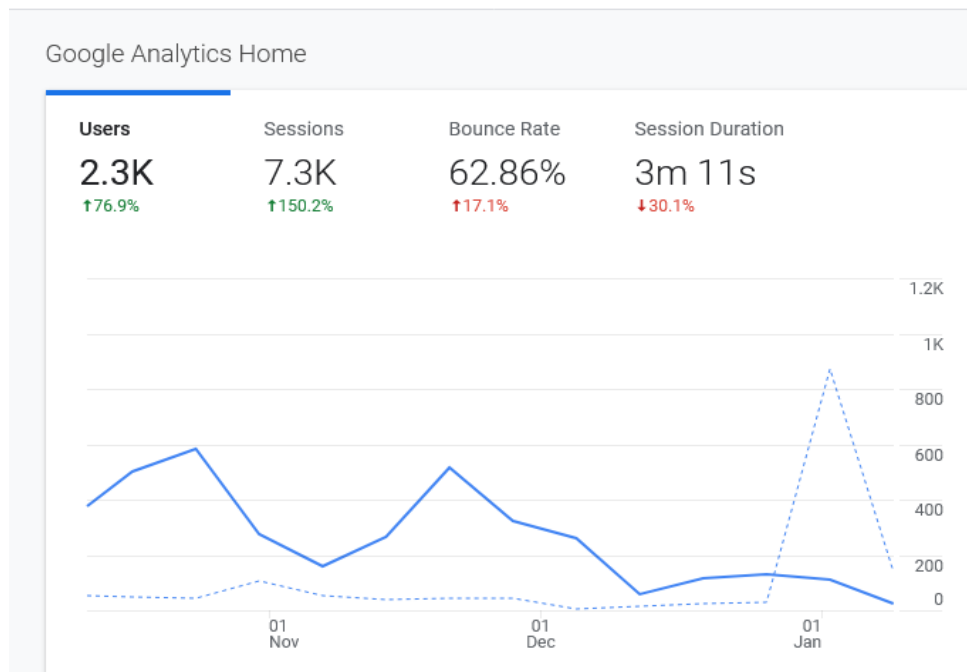
The bottom screenshot shows a course page with a list of categories: All, Technology, Management, Health, Chemistry, Eminent Lectures, Commerce, Zoology, Economics, Audit Courses, Value added Courses, English, and Mathematics. Below the categories, it says "All Showing 31 items." Four course cards are displayed:

- Chemical Kinetics**: The branch of physical chemistry deals with application of the techniques and theories of physics an...
 - Chemical Kinetics & Catalysis
 - Photochemistry
- Dr. Rajan Gurukkal**: Basics of ICT and OBE, ICT (information and communications technology – or technologies) is an um...
- Business Research Methods**: This course is designed to provide students with the necessary skills and knowledge to determine the...
- Moodle for Teachers (Malayalam)**: Moodle...
 - Tips and Tricks
 - മലയാളം

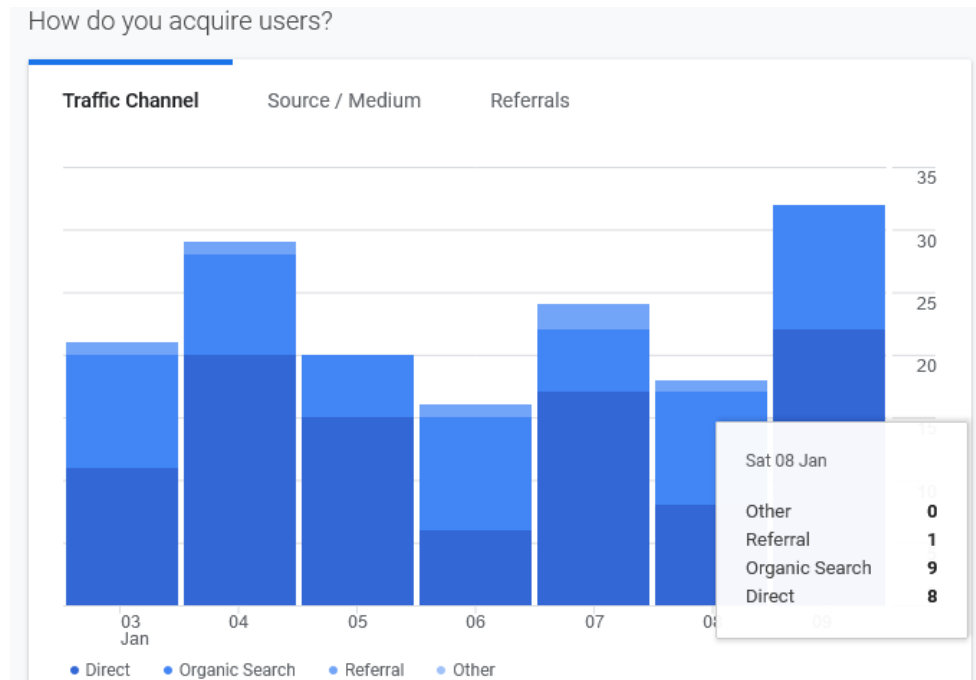
Home page

Course page in Christ OpenCourseWare

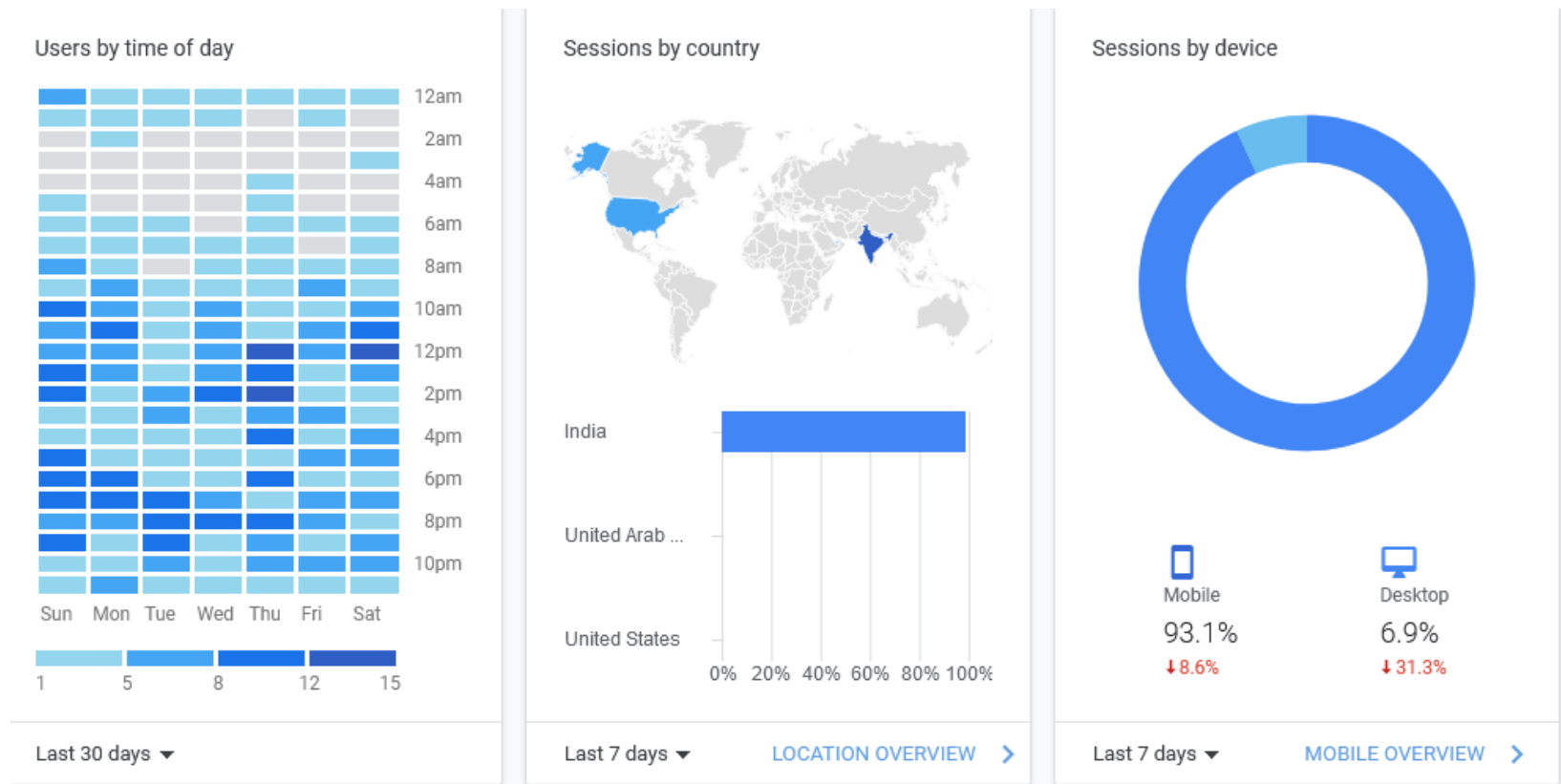
Google site statistics of Christopencourseware



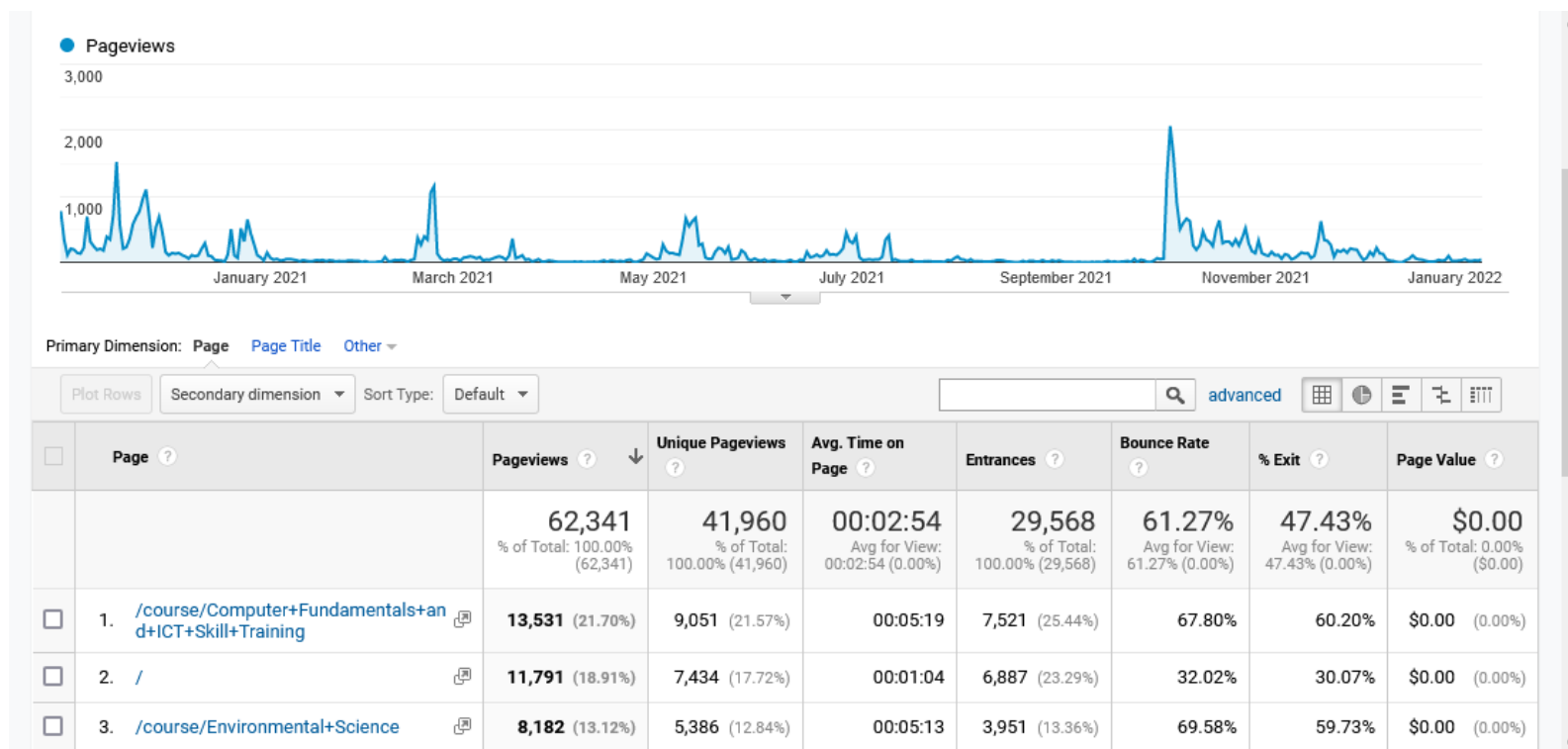
Site statistics



User references

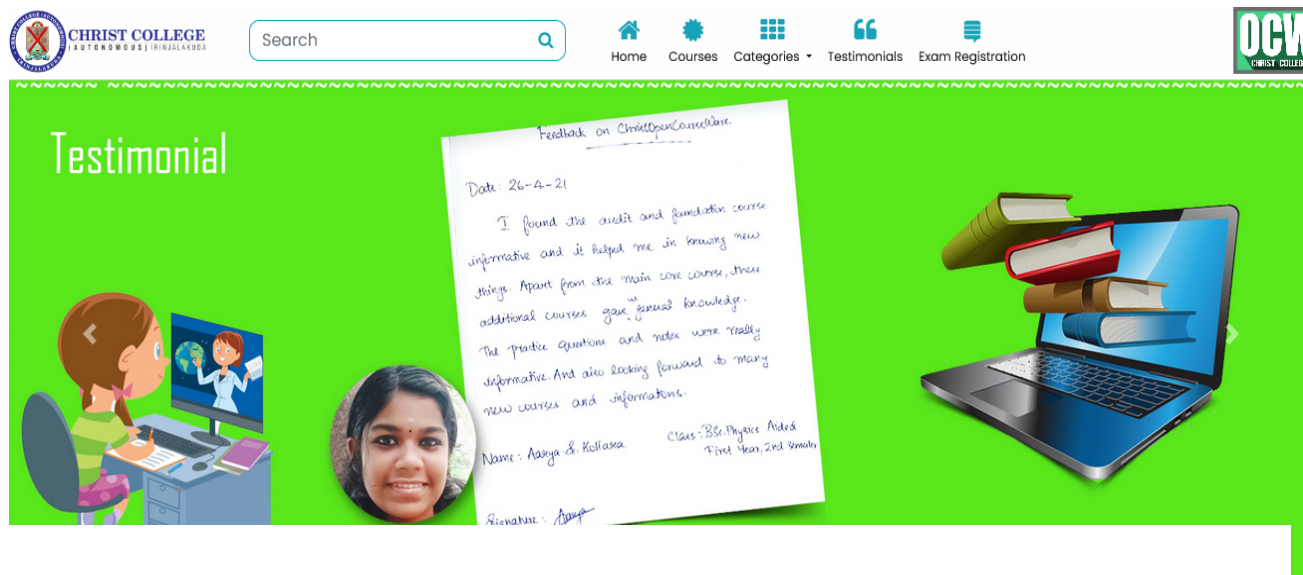


User accessibility



User engagement Statistics

Feedback - ChristOpenCourseware



CHRIST COLLEGE
AUTONOMOUS, TRIPUNJALAGUDA

Search

Home Courses Categories Testimonials Exam Registration

OCW
CHRIST COLLEGE

Testimonial

Feedback on ChristOpenCourseWare

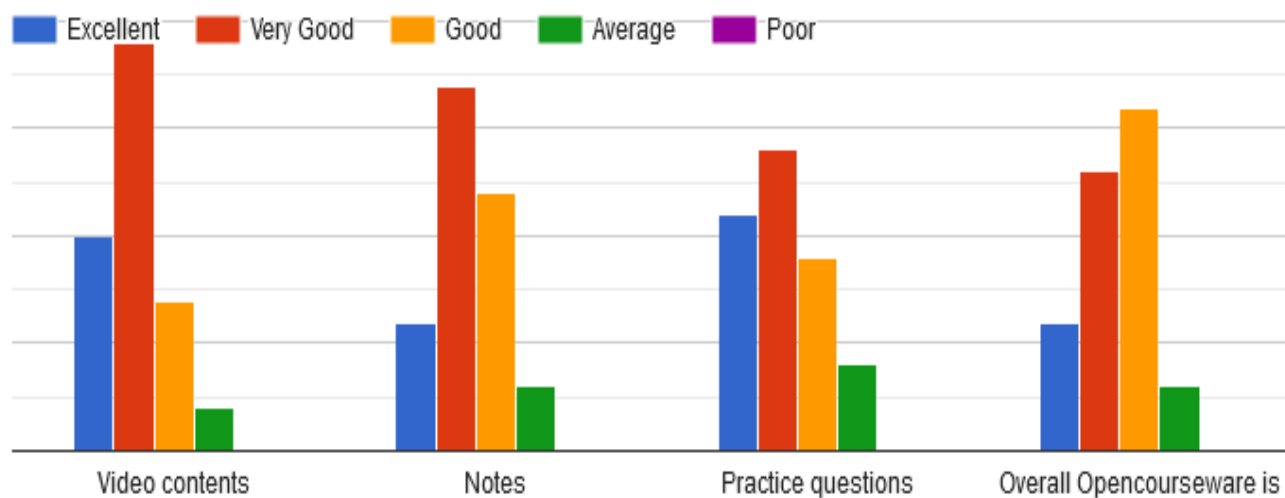
Date: 26-4-21

I found the audit and foundation course informative and it helped me in knowing new things. Apart from the main core course, these additional courses gave me general knowledge. The practice questions and notes were really informative. And also looking forward to many new courses and informations.

Name: Aanya S. Kollasa Class: BSc Physics Aided First Year, 2nd Sem.

Signature: Aanya

Testimonial page in Christ OpenCourseWare



Feedback on Christ OpenCourseWare

Date: 26/04/2021

The Audit course Examination and the foundation course Examination were conducted perfectly through ChristopenCourseWare. Proper instructions about the examinations were provided and it helped to attend the examination without any stress. After completing the examinations the certificates were available properly through the site without any delay.

Name: Meera A S

Class with : BSc. Mathematics
semester : -Second semester.

Signature: *Meera*

Feedback on ChristOpenCourseWare

Date: 26-4-21

I found the audit and foundation course informative and it helped me in knowing new things. Apart from the main core course, these additional courses gave ^{us} general knowledge.

The practice questions and notes were really informative. And also looking forward to many new courses and informations.

Name: Aanya E. Kollara

Class: BSc. Physics Aided
First Year, 2nd Semester

Signature: *Aanya*