6.5.1 CONTRIBUTION OF IQAC

IQAC has promoted quality in the institution at various levels for better academic and administrative support and functioning through participation of all stakeholders especially teachers, students and the non-teaching staff. The IQAC meets every quarterly to plan, suggest and evaluate the teaching, research, and publication activities in the Institution. The sub-committees dealing with various activities and departments implement the IQAC guidelines and report the feedback. The IQAC strives to spread quality culture through quality enhancement initiatives and best practices. Significant improvements in quality have been made by institutionalizing the following two IQAC initiatives:

Implementation of Green practices:

The IQAC proposed to initiate various green practices to maintain eco-friendly college campus through the activities i.e. Tree Plantation, Paperless Work, Plastic Eradication, Clean and Beautiful Campus, e-Waste Management, Training on Organic farming, **Haritham Amrutham Drive** and an extension activity **Sujalam Vembanad**. Internal Environmental audit is done every year.

HARITHAM AMRUTHAM

This initiative encompasses various programmes aimed at generating awareness about biodiversity preservation among the youth and local residents in Vaikom Taluk. These programmes include organizing awareness campaigns, conducting surveys, and distributing handouts on biodiversity preservation through door-to-door delivery. Additionally, the institution supports the agricultural promotion activities of the Local Self Government, waste management initiatives, anti-plastic campaigns, and social auditing.To achieve the long-term and short-term goals set by the Haritham Amrutham Drive, the institution has formed a group called "Green Volunteers." These volunteers and the members from the NSS and NCC have taken the lead in organizing anti-plastic and cleaning drives. They have also initiated the protection of the surrounding wetland by planting mangrove saplings along the shores. Moreover, the college has established dedicated areas within the campus to preserve a Mangrove Garden, Butterfly Garden, Medicinal Plant Garden, and an Aquatic Plants Garden. Efforts have been made to preserve water channels within the campus and conserve the biodiversity of the surroundings. Additionally, the institution promotes organic farming practices and traditional eco-friendly agricultural methods within its campus premises.

SUJALAM VEMBANAD

This drive encompasses various programs aimed at raising awareness among the youth, local residents, houseboat owners, tourists, fisherfolk communities, and other stakeholders. These initiatives include organizing awareness programs, conducting surveys, distributing handouts through door-to-door delivery, and supporting the preservation and awareness activities of the Local Self-Government. To effectively achieve the long-term and short-term goals of this drive and other initiatives undertaken by NSS and NCC volunteers, the institution has established a team of Green Volunteers. The Green Volunteers have taken proactive steps to plant mangroves along the lake's banks and promote its preservation among the local population. In collaboration with the Clean Vembanad Organization, the college has joined hands to conserve the lake's banks, and annual anti-plastic drives have been conducted since 2018. As part of this drive, the Green Volunteers have also been releasing fingerlings of

pearl spot, catfish, and sea bass into Vembanad Lake twice a year during the rainy season since 2019, contributing to the preservation of its biodiversity. The active participation and representation of faculty and students are ensured in various programs related to lake protection, preservation, awareness campaigns, and social auditing. By engaging the college community and stakeholders, these initiatives strive to create a collective responsibility towards the conservation and sustainable management of Vembanad Lake. It is through these concerted efforts, driven by the Green Volunteers and supported by the institution and stakeholders, that the preservation and awareness of Vembanad Lake are being promoted effectively. By nurturing a sense of ownership and involving all stakeholders, this drive aims to create a positive and lasting impact on the lake's ecological well-being and the overall sustainable development of the region.

Use and enrichment of ICT infrastructure:

The use of ICT tools has become an integral part in teaching -learning process. IQAC always encouraged teachers to utilize these tools in classroom teaching and laboratories. The College Library 'LibXav' is acting as an information hub for the academic community of the college. It is an open access and almost fully automated library with **Koha ILMS** incorporating e-gate facility, **Web OPAC**, digital Library and it has a separate **Library Website.** The books are classified according to Dewey Decimal Classification. Individual login credentials to NLIST was provided to all student and staff members and online services made available to help access the e- resources and library facilities.

Software and IT Infrastructure Details in Library
Software used in Library: **Koha version: 21.11.04.000**
Cloud Server : **Microsoft Azure Shared Server 4 core,16GB SSD**
Digital Library Software : **DSpace**   http://dspace.stxavierscollegevaikom.org/jspui/
WebOPAC :   https://opac.stxavierscollegevaikom.org/
LibraryWebsite: https://sites.google.com/stxavierscollegevaikom.ac.in/libxavupdates?usp=sharing
Digital Library Usage Area
Reprographic facility for users :   1. Canon iR 2525/2530 UFRII LT & 2. CanonLBP2900

A new **Media Production Studio** was launched to give the students hands on training in college's multiples video, audio, news, performing-art studios and media labs and bring about visual designs, newspapers, radio & television programs, films, advertisements and getting students ready for higher studies, internships, and jobs through media placement orientation and job fair.