

**AQAR 2023 - 2024**



**SANTHIGIRI COLLEGE  
OF COMPUTER SCIENCES**  
Affiliated to M.G. University, Approved by AICTE and Accredited by NAAC



## **CRITERION 6**

6.2.1 - The Institutional Strategic/Perspective Plan is Effectively Deployed



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### 6.2.1 - The institutional Strategic/ Perspective plan is effectively deployed

#### ADVANCING EXCELLENCE THROUGH INNOVATION AND COMPREHENSIVE GROWTH

Driven by the pursuit of academic distinction and institutional progress, our strategic vision has been effectively realized through a well-planned and thoughtful deployment. Over time, numerous initiatives have been implemented to bring our 9-Point Strategic Plan to life, fostering growth across all domains.

- **EDUCATIONAL INITIATIVE PROGRAMS:**

IQAC actively implements various strategies to enhance teaching-learning practices and empower faculty members. One key initiative is the integrated feedback system, which gathers input from all stakeholders parents, teachers, and students on instruction's objectives, content, and effectiveness. This feedback is systematically collected, evaluated, and used to make continuous improvements in curriculum delivery. Additionally, IQAC conducts regular academic and administrative audits, as well as external audits, to ensure transparency and foster a culture of excellence. Several initiatives for faculty development and training are also organized to support professional growth. Collaborative activities are encouraged to raise academic standards and maintain high-quality education.

- **INFRASTRUCTURE ADVANCEMENT:**

IQAC ensures continuous monitoring of infrastructure to maintain quality standards throughout the institution. Regular assessments identify areas for upgrades and repairs, ensuring that facilities remain functional and meet the required benchmarks. This commitment to timely maintenance helps preserve the integrity of the infrastructure and supports a conducive learning environment. By aligning infrastructure improvements with institutional goals, IQAC promotes the seamless functioning of both academic and administrative activities.

Santhigiri College continuously upgrades and maintains its infrastructure to support academic and physical activities. A Planning Committee oversees infrastructure improvements, with proposals reviewed by staff, PTA, and finalized by the Managing Board. A dedicated purchase





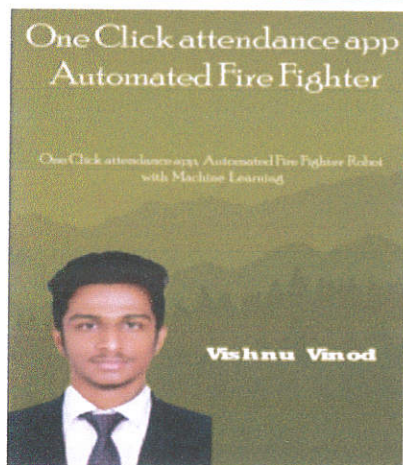
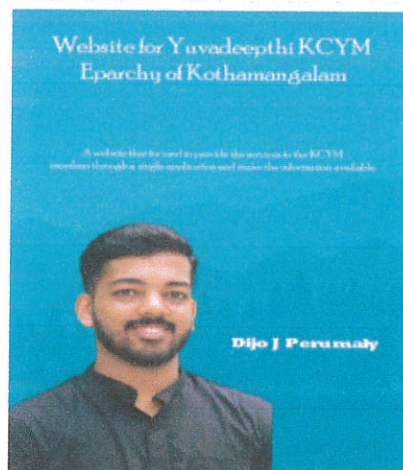
committee manages procurement for development projects. New initiatives include advanced IT integration, expanded facilities such as a 2D animation lab, recording studio, and open gym, and a new block with advanced facilities for departments.

- **INNOVATION:**

Santhigiri College's Incubation Center (SHIP) supports students and alumni with entrepreneurial aspirations by providing mentorship, resources, and workspace to nurture ideas from inception to execution. SHIP actively manages four ongoing projects and collaborates with the Intelligent Design and Evolution Awareness (IDEA) Club to foster creativity and innovation. Key initiatives such as the Idea Proposal Contest and a webinar on MSME startups have been successfully implemented, empowering students, enhancing entrepreneurial competence, and supporting aspiring women entrepreneurs, thus building a vibrant culture of innovation within the college. Santhisoft Technologies, established in 2005 as the R&D wing of Santhigiri College, focuses on customized software solutions and supports differently-abled individuals in IT jobs. The Santhigiri Interdisciplinary Research Centre (SIRC) promotes academic research and entrepreneurship, offering training programs, fostering industry collaborations, and supporting scholars in launching start-ups.



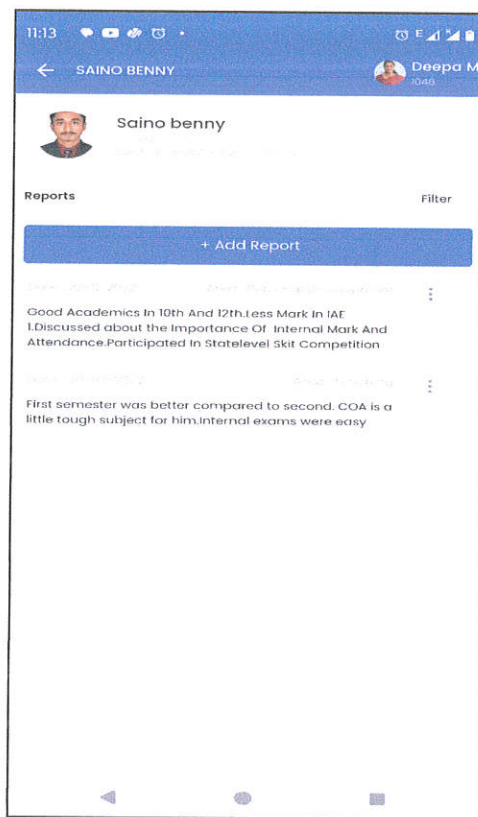
*The realtime control panel and web interface for the robot*



- **HOLISTIC DEVELOPMENT:**

The Mentoring Cell at Santhigiri College focuses on providing guidance and support to first-year students, facilitating their personal, academic, and professional development. In the academic year 2023-24, 353 first-year students were mentored by faculty members, who were assigned lists of mentees. Mentoring can occur through one-on-one or group sessions, with mentors required to meet their mentees at least twice each semester. To enhance effectiveness, mentors receive annual training. The program encourages students to set personal goals, develop self-awareness, and build confidence while offering support for emotional challenges. Mentoring details are confidentially recorded in the Embase Pro Suit application and submitted yearly.





The Centre for Counselling at Santhigiri College offers personalized support through one-to-one counseling, stress management sessions, and life skills workshops. New initiatives include pet therapy, a flower garden, and a bird sanctuary to enhance mental well-being. Students also benefit from time management programs and group activities that foster self-acceptance and resilience, with referrals provided to external psychiatric centers when necessary.

- **INCLUSIVITY:**

Santhigiri College of Computer Sciences is dedicated to promoting gender equity and sensitization through a range of curricular and co-curricular activities. The curriculum includes courses on women's rights and gender studies, fostering inclusivity and challenging stereotypes. Co-curricular clubs and events raise awareness about equality and empowerment, overseen by the Gender Equity Cell. The college provides essential facilities for women, such as secure hostels, counseling services, health care, and sports facilities. With CCTV



surveillance and 24/7 security personnel, the campus ensures safety and support. These initiatives reflect the college's commitment to creating a nurturing environment for academic and personal growth.

- **BEST PRACTICES:**

SANTHIGRAMAM and SANTHIMARGAM are transformative initiatives focused on self-reliance, environmental consciousness, and holistic well-being within the Santhigiri community. SANTHIGRAMAM promotes livelihood opportunities for women, youth, and the elderly in Parakadu Colony, emphasizing civic responsibility and environmental conservation. Students engage in waste management, river clean-up, and tree planting, supporting the motto "Reimagine, Recreate, Restore." Meanwhile, SANTHIMARGAM enhances holistic well-being through positive mental health, lifestyle disease prevention, and spiritual growth. Following a six-fold path of mindfulness and meditation, the initiative integrates education, sports, and community outreach, equipping students with essential life skills and fostering personal development rooted in faith and values.

- **SCOPE:**

The Human Rights Day program, organized by SCOP and the Idukki District Human Rights Forum at Santhigiri College, focused on celebrating and promoting awareness of human rights. The event featured the "Best Human Rights Person" award, recognizing significant contributions to human rights. Informative sessions educated students on various human rights issues, fostering discussions and encouraging advocacy. With 30 students and 4 faculty members participating, the program heightened awareness and inspired a commitment to respecting human dignity and future advocacy initiatives within the community.

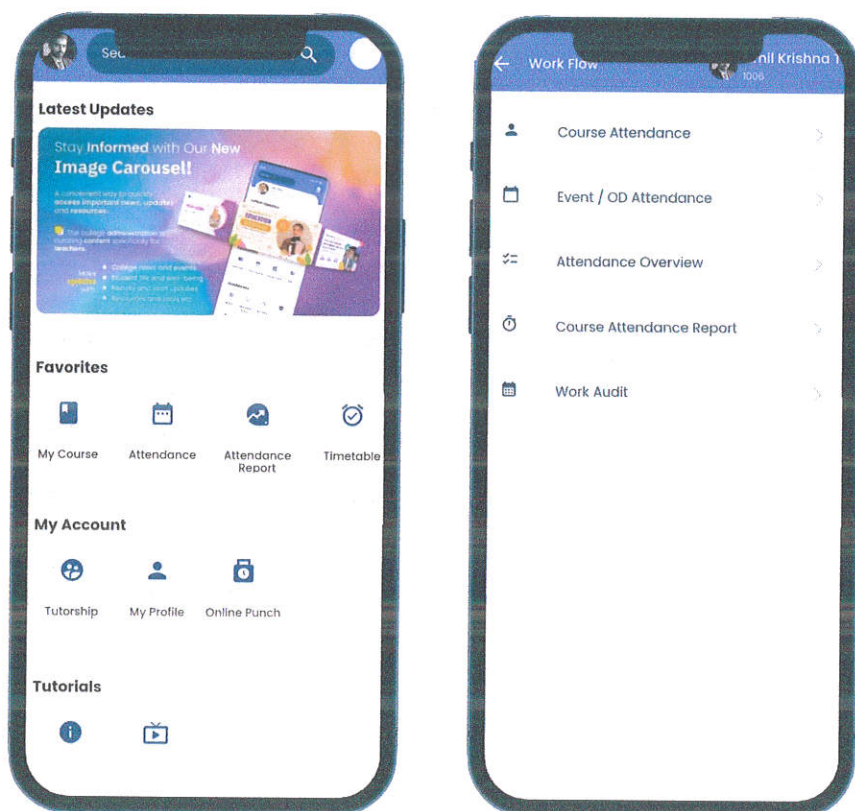
- **EMBASE PRO SUITE ERP:**

The Embase Staff Punching System is crucial for accurate attendance management, promoting accountability and punctuality through real-time monitoring of staff login and logout times. It features a Punching Master for shift management and a Staff Punching Log for attendance records. EMBASE Pro Suite, designed by computer science educators, integrates academic and administrative functions to enhance efficiency in higher education institutions (HEIs).





It streamlines workflows by managing admissions, automating student data through a Student Information System (SIS), and simplifying leave management for staff and students. The platform promotes active learning by tracking attendance and participation, with a built-in Learning Management System (LMS) supporting modern educational practices and Outcome-Based Education (OBE). Additionally, it optimizes library operations with effective management systems and features a Controller of Examinations Module for seamless assessment processes. EMBASE Pro Suite's user-friendly interface and mobile-responsive design promote collaboration among teachers, students, and administrative staff, enhancing operational efficiency and academic performance.

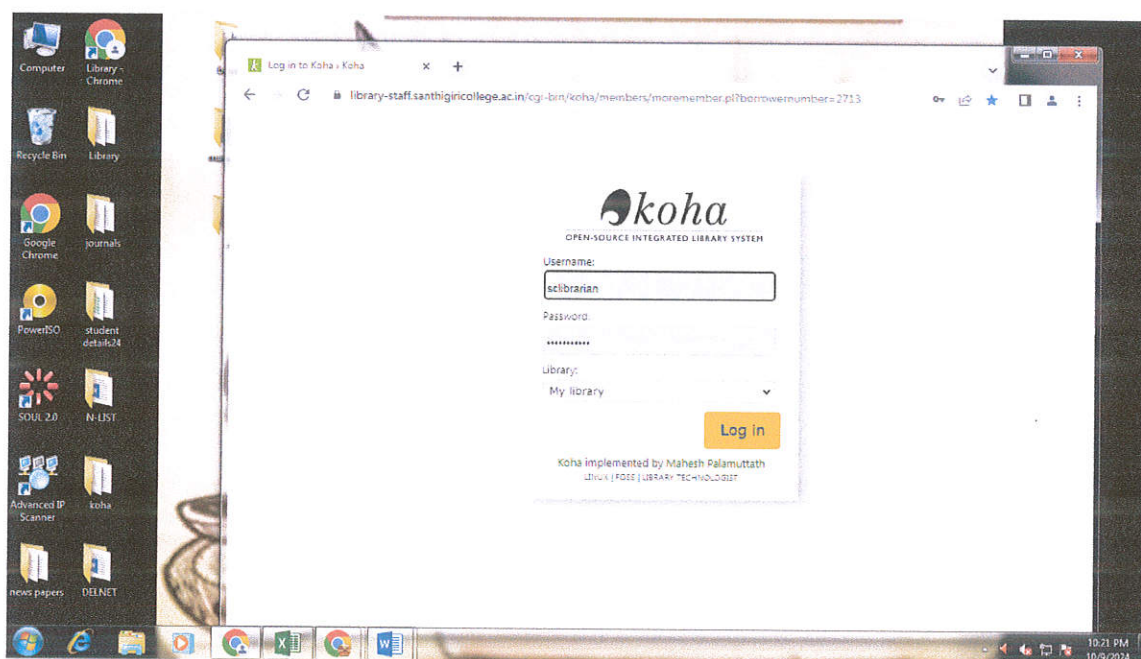






- **TECHNOLOGICAL:**

In embracing the digital era, Santhigiri College has successfully implemented a comprehensive Learning Management System (LMS), establishing itself as a frontrunner in digital education. The integration of ICT, Swayam, KOHA, and the LMS exemplifies our commitment to fostering a technologically adept learning environment that enhances student engagement and academic success. By utilizing these innovative tools, we provide students with access to a wealth of resources and collaborative opportunities, enriching their learning experiences.







### **DISABLE FRIENDLY PARK:**

As part of a strategic plan to promote inclusivity and equality, the college has introduced Kerala's first disabled-friendly park under SCOPE, designed to ensure equal access to recreational activities. It provides opportunities for disabled and non-disabled individuals to engage together in leisure. Featuring sensory-friendly spaces and a serene environment, the park offers a welcoming haven where disabled students can relax, enjoy nature, and benefit from the physical and mental health advantages of outdoor activities. This initiative reflects the college's commitment to well-being, fostering connection and support among students while promoting a more inclusive and supportive campus community.



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