

IQAC REPORT (2022-2023)

Infrastructure Augmentation

The IQAC has addressed infrastructure inadequacies, ensured the quality, and enhanced the overall facilities of the institution.

- The construction of a new B Block, connecting existing A and F blocks has created a significant expansion of the institution's physical infrastructure. The new block has 8 new classrooms, increase in the number of classrooms has addressed the inadequacies in the existing ones, 5 staff rooms has provided a dedicated space for teachers and staff. The dual-purpose hall has served for functions like hosting events, meetings, seminars, and other activities as needed. Toilet facility for Divyangjan category has ensured inclusivity by providing facilities tailored to the needs of individuals with disabilities.
- Procurement of New Computers: The acquisition of 88 additional computers has addressed shortfalls in the IT infrastructure of the college largely meeting the technological needs of students, supporting computer-based learning, and ensuring access to resources.
- Installation of Interactive Intelligent Panels in Post Graduate Classrooms has facilitated interactive and dynamic presentations, improving conceptual understanding of subjects through visual aids and interactive activities.
- ICT-Enabled Classes: IQAC has taken measures to promote the use of Information and Communication Technology in teaching which include online classes, multimedia presentations, interactive learning platforms etc.

Measures taken to enhance academic performance of students

- Internal Examinations: Regular internal assessments were conducted for evaluating students and appropriate remedial measures were provided to the needy students.
- Analysis of Feedback from Students: Feedback was taken from students to understand their perspectives on the teaching methods, course content, and overall learning experience.
- Result Analysis: The academic performance of students in various courses were analysed to identify areas of improvement.
- Preparation of Question Banks for All Semesters: Developed a repository of questions for each semester to aid students in preparing for examinations.
- University Level Ranks: The institution has achieved notable success at the university level with 4 first ranks, 3 second ranks, and 3 third ranks in undergraduate programs and fourth rank for the Post Graduate Programme (M.Sc. Physics).
- Conduct of PG Entrance Coaching: PG entrance coaching was provided to support students prepare for higher education and ensure a smoother transition to advanced academic levels. Many undergraduate students have qualified in postgraduate entrance examinations conducted by prestigious institutes across the state and country which indicates the effectiveness of the institution's academic preparation.

Nature Awareness/Participative Learning/Student Employability Initiatives

- "Adukkalatottam- Organic Farming" in the college campus by "Karshakasangham". Karshakasangham, Nature Club, GCK, Earn While You Learn Scheme, GCK, Gandhian Studies Chair, GCK and IQAC, Government College Kariavattom
- Environment Day Observation 2023, NCC Unit, NSS Unit, Environment Club, Nature Club, College Union, IQAC, All Departments of Government College Kariavattom.
- "2 Day NATURE CAMP: Around 50 volunteers along with NSS Program Officers, Nature club convener and Jeevani Psychologist visited Pechipara Wildlife Sanctuary for 2 day NATURE CAMP."

Entrepreneurship training /Career development/Student Employability

- 'Earn While You Learn Program' Earn While You Learn Hub, Government College Kariavattom
- Created Freedom Wall in the campus - as a part of AZAD KI AMRIT MAHOTSAV 2022 NCC Unit, NSS Unit, Earn While You Learn Hub, Government College Kariavattom

Students Welfare Activities

- College Union Inauguration, College Union and Association Cell, Government College Kariavattom
- Interdepartmental Arts Festival 2023, College Union and Association Cell, Government College Kariavattom
- Participation in Kerala University Youth Festival 2023, College Union and Association Cell, Government College Kariavattom
- Power Quiz- 2022, Debate and Quiz Club in association with KSEB Officers' Association.
- Invited Talk on Developing reading and Writing skills- Session by Dr. Khyrunissa A
- Reading out a Story contest was organised. Students read out story in English, Malayalam, Hindi, French and Sanskrit -Literary Club, IQAC and NSS unit 17 A&B; Government College Kariavattom.
- Organised activities of Young Innovators Program by Young Innovators Program, Government College Kariavattom

Antinarcotic cell

- Organised Anti Narcotic Awareness Campaign, Department of Statistics, Government college Kariavattom
- Conducted Anti-Drug Awareness Debate and Quiz Club in association with Literary Club and Media Club.

Science Club

- Arranged Field Trip to Milma Dairy Plant Science Club and Department of Biotechnology.
- Invited Talk- SCIENCE DAY celebrations as part of Science Awareness/ Science Day Observation.

Support for Career Development of Students

- Competitive Exams (PSC, UPSC, IAS, IPS) preparation classes to students is being conducted by the Gandhian Studies Chair, Government College Kariavattom

Sports/ Students Welfare Activities

- Conducted Coaching Camps for Students for various Sports items which includes Football, Squash, Cricket, Fencing, Chess, Handball, Roll ball and American Flag football by Department of Physical Education, Government College Kariavattom
- Participation in Intercollegiate sports competitions under University of Kerala
- Participation in All India Interuniversity sports competitions
- Organised Intra-Departmental sports competitions like football championship, cricket championship, badminton (male & female) championship, chess championship table tennis (male &female) championship, volleyball championship etc.

Observance of National/International Days

- Independence Day, Republic Day, NSS Day, Hiroshima Day, World Environment Day, Science Day, Navy Day, International Yoga Day, Flag Day, World Ocean Day, Childrens Day, National Unity Day and Reading Day. The different clubs and NCC and NSS were entrusted to observe various national and international days.

Anti ragging cell

- Conducted Anti ragging awareness campaign among students of the college.

National Service Scheme

The NSS unit 17 A&B; Government College Kariavattom has conducted the following activities.

- Inauguration of student's club for Anti-Drug Awareness (Vimukthi Club)
- Conducted 'Bodhyam' quiz competition as a part of Anti-drug awareness among students along with the Anti-Narcotics club.
- Literary competitions were conducted by Vimukthi Club along with Anti-Narcotic club, Literary club and NCC.
- GROUP DISCUSSIONS (Classroom) were held as a part of Anti-drug awareness among students by Vimukthi Club and Anti-Narcotic Club.
- Conducted Football match as a part of Anti-drug awareness among students along with Anti-Narcotic club, and Physical Education Dept.
- Visited to deaddiction centre by Vimukthi Club and Anti-Narcotic club.
- Participated in Antidrug campaign of Govt of Kerala NSS unit 17 A&B and Anti-Narcotic club.
- Participated in District level Bodhyam Quiz competition NSS unit 17 A&B and Anti-Narcotic club.
- Organised Anti-drug Human chain campaign NSS unit 17 A&B: Anti-Narcotic club.
- Conducted Antidrug rally and pledge, NSS unit 17 A&B: Anti-Narcotic club.
- Antidrug rally and pledge NSS unit 17 A&B; Anti-Narcotic club, Government College Kariavattom
- Public program: Antidrug awareness program in nearby Higher Secondary School- Vimukthi programs at MVHSS, Thundathil by NSS unit 17 A&B; Anti-Narcotic club.
- Invited Talk on Developing reading and Writing skills- Session by Khyrunissa madam: NSS unit 17 A&B; Government College Kariavattom
- Session on Kathakali by Sri Sethunath U N, NSS unit 17 A&B; Government College Kariavattom.
- Public Place Cleaning and Beautification: Painting of compound wall of Kaniyapuram UPS, Gardening and Canal Cleaning
- Skill Development Training: Paper bag making and Lotion preparation
- Held Health awareness class by Puthenthope CHC.
- International Yoga Day Celebrations 2022- A Yoga session was conducted by Sri Ciniji P Thomas,
- Health Awareness class related to post-monsoon diseases on 10th June 2022
- Dry day programs- Every Friday celebrated as dry day to prevent mosquito related diseases
- Personality development program- Session by Miss Teen Kerala
- Hiroshima Day celebration- poster making
- Participation in Three days residential Leadership training camp for NSS volunteers
- National Unity Day 31st Oct 2022: In connection with birth anniversary of Sardar Vallabhai Patel. Oath taking, freedom run and talk.
- "NSS day celebration: NSS Flag hoisting. Sweets distribution in nearerby shops. Conduct a program titled "Know yourNeighbourhood". "
- Clean India program : Campus cleaning from 10th Oct, 2022 . Cleaning of roadsides from college till Kariavattom junction
- Flash mob at Madhava vilasom Higher Secondary School, on social stigma faced by Transgender community
- DENGUE AWARENESS PROGRAM: Awareness Class on dengue outbreak and vector control to NSS volunteers. The volunteers visited participative village and gave awareness
- Organising Pre-RD selection camp for NSS volunteers of University of Kerala.
- Childrens day celebration 2022: Volunteers visited Anganwadi at Ulloorkonam, distributed sweets and story books as a part of Childrens day celebration 2022. Volunteers interacted with the children at Anganwadi

Personality Development Training activities and Leadership Training activities organised by NSS.

- Motivation/Personality development Session by Sri Sudheer B on life skills
- Session by Dr. Maya Madhavan on Self actualisation.
- Personality development session by Sri Chandralal S
- Personality development program- Session by Miss Teen Kerala
- Participated in Three days residential Leadership training camp for NSS volunteers.

Health Camp organised by NSS

- Free Dental Camp by PMS Dental College in association with NSS Unit, GCK

Palliative Care Activities organised by NSS

- Participation in university and district level training (Palliative care)
- Unit level training/awareness programme (Palliative care)
- Home visits: palliative survey- Distribution of medicine and food kit to needy
- Visit to SADANA renewal centre (Psycho-social Rehabilitation Centre), Manvila.
- Visit to St. Theresa's OLD AGE HOME, Kariavattom: Supply of food kit and bedsheets.
- Supply of dialysers for kidney patients, walking sticks, wheelchairs, Diapers
- Visit to state institute for the mentally challenged as a part of palliative care activities.
- Voluntary Service at DIFFERENT ART CENTRE (DAC), KINFRA PARK, Thiruvananthapuram as a part of Palliative care activities
- Palliative care related awareness class to NSS volunteers and Fund Generation for palliative care activities

National Cadet Corps

NCC UNIT (Under 1 KERALA NAVAL UNIT, TRIVANDRUM, K & L), Government College Kariavattom has organised the following functions.

- NAVY DAY celebrations- Seminars, Awareness Rally
- Beach Cleaning as part of Puneet Sagar Abhiyan at Veli and Shanghumugham Beach
- International Yoga Day Celebrations
- Firing Camp for NCC cadets
- Annual Training Camp for NCC cadets
- NAVY DAY celebrations- Seminars, Awareness Rally
- Swatch Bharath Celebrations by NCC cadets
- Pre-NSC Camp @ Kochi
- All India Radio Programme in association with Azadi Ka Amrit Maholsav by NCC cadets
- Har ghar Thiranga Distribution- Azaadi ka Amrit Mahotsav
- Independence Day Celebrations 2022 by NCC cadets
- PLEDGE ON NATIONAL SOLIDARITY DAY
- "Say No To Drugs " – Campaign Rally within campus by NCC cadets
- Participation in State Level Campaign on No to Drugs
- Blood Donation Drive at Regional Cancer Centre Trivandrum by NCC cadets
- Republic Day Celebrations 2023 by NCC cadets
- Environment Day Observation 2022- Starts 5th June 2022 and continuous throughout the year
- World ocean day Celebrations- Online game

Inculcation of Social Commitment

Through Institutional Social Responsibility Forum (ISRF) consisting of NSS, NCC, Nature Club, Gandhian Studies and other members, IQAC fosters students to actively engage in socially relevant activities to instil the sense of social responsibility through Nature Awareness/Participative Learning.

Participatory village for promotion of awareness to the needs of higher education and joining hands with works of village library.

Nature Club and Gandhian Studies centre of our college has adopted Tellickachal village in Pullampara Panchayat of Vamanapuram block, Thiruvananthapuram and initiated various social and educational programs. A butterfly park was set up in the village which is not only aesthetically pleasing but also contribute to their conservation highlighting their importance in the ecosystem. Volunteers have planted many plants of medicinal value in the area. This contributes to the promotion of biodiversity and creates awareness among the present generation about the importance of such plants which provide health benefits to the community. The college has joined hands with the panchayat with the work of village library which is under construction that can be a hub for knowledge-sharing, literacy development, and community engagement.

Palliative Care Activities

Palliative care club, a part of National Service Scheme of the college has adopted a SC/ST colony at Ambalathinkara, Thiruvananthapuram to address the needs and concerns of its residents, particularly those who are underprivileged or facing challenges. The club has conducted a socio-economic survey in the SC/ST colony to get a comprehensive understanding of the living conditions, economic status, and social challenges faced by the residents which were for tailoring interventions to meet specific needs. The club has been involved in palliative care activities in the adopted colony which was focussed on providing support to the needy individuals. The club also provided financial support to the underprivileged and conducted awareness classes for empowering the community with knowledge about health and hygiene.

Vimukthi Club

Volunteers of the Vimukthi club of NSS conducted activities like flash mob and street drama in nearby school and public places to raise anti-drug awareness. The program was effective in capturing the public attention and conveyed the message to a diverse audience the consequences of drug abuse.

Infotainment through College Radio: The 'Radio-GCK-7.1HP'

'Radio GCK' serves as a source of information and creates a dynamic and interactive space for students. It promotes creativity, inclusivity, and student empowerment, contributing positively to the college environment. The initiative is well-organized and collaborative effort aimed at enhancing student life by combining the resources of the Radio Club, Media Club, and Student Welfare. The campus radio serves as a vibrant platform for communication, knowledge sharing, and community building within the college. The initiative involves the broadcasting of a campus radio program known as 'Radio-GCK-7.1HP.' which is an excellent platform for student expression, communication, and engagement. The radio serves as an inclusive platform where students are both recipients as well as contributors of information by sharing their views on different topics and showcasing their talents. The radio broadcasts occur every day, during lunch break from 12:30 pm to 1:30 pm. Broadcasting provides an opportunity for knowledge sharing which include discussions on academic topics, campus events, student achievements, upcoming events, university notifications, general awareness, day-to-day happenings, and college activities or any other relevant information that adds value to students' academic and college life. Radio GCK is accounted as a best practice followed by our college.

Faculty participation in

(i) Activities related to curriculum development and assessment of the affiliating Universities:

- Faculties of various departments worked as
- Member, Board of Studies of Universities/Autonomous Colleges
- Chairman, Board of Question paper setters, University Examinations
- Question paper setters, University Examinations
- Chairman, Board of examiners, University Examinations
- Senate member, University of Kerala

(ii) Activities related to other academic bodies:

- Faculties of various departments worked as
- Member, Board of Higher Secondary Examination
- Question paper setter, Kerala PSC
- Subject experts, Kerala PSC

IQAC Initiatives for the Enhancement of Research

IQAC insists on enhancement of research quality of teaching faculty of the institute. A notable achievement is the publication of 29 manuscripts in various nationally and internationally reputed journals. As part of stimulating research aptitude, half-yearly presentations of selected publications are organized by the Research Club as a proactive measure to stimulate research aptitude among faculty members which allows for the dissemination of research findings and encourages a culture of scholarly communication. Best presenter is recognised and felicitated by IQAC which adds a competitive and motivating aspect to the research presentations. Six faculty members are recognized as research guides under the University of Kerala which showed their expertise and commitment to mentoring research scholars. This involvement in guiding research students contributed to the overall research culture of the institution. The participation of 6 faculty members in national and international conferences is a positive sign of the institution's commitment to research excellence. IQAC encouraged the faculty and non-teaching staff to participate in regular orientation and training programs offered both at the institution and other authorized training centres which reflects a commitment to continuous improvement, adaptability, and the overall advancement of the institution. This strategic approach of IQAC ensured that the workforce remains skilled, motivated, and capable of meeting the evolving needs of the academic community. IQAC's role in organizing seminars is instrumental in fostering a culture of continuous learning, research dissemination, and collaboration within the institution.

Seminars Organised

- Seminar on 'Introduction to Natural Language Processing' Organised by FOSS Cell, Department of Computer Science in collaboration with ICFOSS.
- Seminar on 'Ethical Implications of Hacking', Organised by FOSS Cell, Department of Computer Science, Government College Kariavattom in association with FOSS Cell.
- Seminar on 'Application of FOSS in Industry' Organised by FOSS Cell, Department of Computer Science in collaboration with ICFOSS.

IQAC initiatives for Quality Enhancement

(Professional development /administrative training programs organized by the institution for teaching and non-teaching staff).

- *Talk on Importance of Documentation and Its Quality* - organised by IQAC as a quality initiative which highlighted the significance of documentation and its quality to improve the accreditation status of the

institution. The talk was delivered by Dr. Vishnu VS, IQAC Coordinator, Government Arts College, Thiruvananthapuram.

- *Orientation Program on Self-Study Report (SSR) An Overview* -organised by IQAC for updating the staff on various aspects related to the institution's accreditation such as status of submission of AQAR 2022-23, review of criteria as per SSR and reforms required for 2023-2024. The presentation was handled by Dr. Dhanya CR, Smt. Jovi CS and Dr. Sreela SR.
- *One Day Induction program for Teaching and Non-Teaching Staff on National Education Policy 2020 held on 13-09-2023.* IQAC took initiative to conduct orientation program about the National Education Policy (NEP)-2020 to familiarise the faculty and staff with the key principles, goals, and changes introduced by the NEP. Dr. Ratheesh Krishnan, Assistant Professor, Government College for Women gave an orientation of NEP to align the institution with the latest educational policies.
- *NAAC Orientation Talk on 'NAAC Documentation & Preparedness'* -IQAC has organised Orientation Talk for 'NAAC Documentation & Preparedness' as part of NAAC Orientation Talk Series on 19-10-2023, to create a general awareness about the documentation process and preparedness required for the upcoming NAAC visit.