

GOVERNMENT COLLEGE KATTAPPANA

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(Affiliated to Mahatma Gandhi University, Kottayam)



PRE-ACCREDITATION REPORT

INTERNAL QUALITY ASSURANCE CELL

2016

PREFACE

Government College Kattappana started as a junior college offering pre-degree courses in 1977. The college started in a temporary building in Vellayankudi. In 1979, the Government of Kerala allotted 18.7 acres of land for the college and the college started functioning in the present campus. The college was upgraded to a degree college in 1989 with the inception of B A Economics course. B Com degree course was started in the year 1990 and B A Malayalam in 1993. B Sc Chemistry course was sanctioned in the year 1999 and B Sc Mathematics was started in 2000. M A Malayalam, the first postgraduate degree course of the college, also was started in the same year. The college started M Com course in 2013.

The main academic-cum-administrative block was constructed in 2005 and the new academic block was constructed in 2014. The boys' hostel also started functioning in 2014. Construction of a multipurpose library block, women's hostel and staff quarters has been started and construction of a new science block will be started soon. The academic results of the college have shown remarkable progress in recent years. The college has achieved hundred per cent results in some of the programmes while others have about ninety percentage of success rate.

The college submitted LOI for NAAC accreditation in December 2015 and Self Study Report was submitted in January 2016. This report is a summary of achievements of the college during the last five years.

Kattappana

01-08-2016

Dr. K K Suma

Principal

CURRICULAR ASPECTS

- Government College Kattappana offers five UG and two PG programmes
 - B A Economics
 - B A Malayalam
 - B Sc Chemistry
 - B Sc mathematics
 - B Com
 - M A Malayalam
 - M Com
- Government College Kattappana is affiliated to Mahatma Gandhi University, Kottayam
- The college follows the Choice Based Credit and Semester System (CBCSS) for UG programmes and Credit Semester System (CSS) for PG programmes
- The college started a new academic programme in the academic year 2013-14
 - M Com (Finance)
- The Government of Kerala sanctioned the starting of two PG programmes in the budget for the year 2016-17
 - M A Economics
 - M Sc Chemistry
- Open courses are offered to all final year UG students and the students are provided with the opportunity to choose the open course. Optional courses for UG and PG programmes are chosen by the college from among the options given by the university.
- Dr. Solji K Thomas, Assistant Professor, Department of Hindi is a member of UG (Hindi) Board of Studies, Mahatma Gandhi University, Kottayam
- Faculty members participated in the curriculum development workshops organized by Mahatma Gandhi University
- The continuing Education (CE) cell of the college is offering a Diploma in computer application course in collaboration with KELTRON and the Kerala State

Continuing Education Cell.

- As part of the Additional Skill Acquisition Programme (ASAP) of the Government of Kerala, students can obtain an additional qualification during their time of study in the institution.
- A study center of Indira Gandhi National Open University (IGNOU) functions in the college. Government College, Kattappana is the only Government college in Kerala where a study center of IGNOU functions. UG, PG and diploma courses are offered by the center in addition to a foundation course which prepares students with no formal education for higher studies.
- The college conducts Communicative English Training programme and Computer Awareness programme for students.
- The department of Mathematics has conducted a bridge course for first year UG students
- As part of Walk with a Scholar programme, meritorious students are provided with special mentoring to help them define and pursue career goals

TEACHING, LEARNING AND EVALUATION

- Admission to all UG and PG programmes is conducted through the Centralized Allotment Process (CAP) of Mahatma Gandhi University
- Admission is solely based on merit and the admission process is made online to make it transparent
- Seats are reserved as per Government policy for SC, ST, OBC and differently abled students. Seats are reserved for BPL students and in sports and cultural quota.
- Majority of admitted students belong to socially or financially backward categories. Also more than two third of students admitted in the current academic year are women.
- Tutorial system is in place in all departments, each class is assigned a tutor.
- The college conducts Remedial coaching for slow learners.
- Scholar Support Programme, a new initiative of the department of Collegiate Education offers special coaching for slow learners.
- The college prepares a college level academic calendar in accordance with the academic calendar of the university to plan and organize the academic activities during an academic year
- At least one classroom in all departments has been converted to smart classroom with interactive boards, LCD projectors, audio facility, etc.
- All departments and classrooms are internet connected with broadband and wifi
- ICT facilities are extensively used by faculty members, for teaching-learning process and The UGC network resource center is utilized by students to browse e-resources
- E-books and e-journals are subscribed by the college library through NLIST programme of INFLIBNET
- Study notes and presentations made available to students through the college website using Moodle

- An EDUSAT room functions in the college, where video conferencing and video classes are being conducted.
- Group discussions, debates, art performances etc. were conducted to supplement the teaching learning process.
- The language lab in the department of English is utilized by students to improve Communicative English skills
- Computer training is provided to students and the departments of Mathematics has a computer lab
- A workshop on teaching methodology was organized for teachers in August 2015.
- All permanent faculty members are NET qualified
- All permanent faculty members are selected and appointed by the Kerala Public Service Commission
- Internal evaluation is conducted as per the scheme and schedule of the university and internal marks are uploaded to the university through the online portal
- Seminars, assignments, projects etc. are evaluated as part of the internal evaluation
- The pass percentages of students are above university average for all subjects
- Coaching for PG entrance examinations, NET and other competitive examinations have been conducted by various departments

RESEARCH, CONSULTANCY AND EXTENSION

- The faculty members have undertaken eight minor research projects and twelve faculty members have applied for research projects.
- Six faculty members have completed PhD during this period and four faculty members availed the FDP programme of UGC.
- Twelve faculty members have registered for Ph D and two faculty members have submitted thesis.
- Faculty members published research articles and books
 - International : 11
 - National : 12
 - Edited books : 4
 - Chapters in books : 18
 - Conference proceedings : 4
- More than one hundred papers have been presented by faculty members in various seminars and conferences
- Sophisticated instruments like uv spectrophotometer, computational chemistry workstation, polarimeter etc. have been procured and installed.
- The college has organized international, national and state level conferences.
 - International : 2
 - National: 13
 - State level: 5
- All students have the opportunity to become a member of either NCC or NSS in addition to various clubs.
- The departments and various clubs of college conduct extension activities.
 - Fairchem – A chemistry exhibition for school students
 - Water quality analysis programme for public
 - Financial education programme to self-help groups
 - Financial Information for Rural Empowerment programme
 - Blood donation and Organ Donation Camps

- Food for the Destitute programme
- Rural Library Development programme
- International as well as national collaborations have been established
 - Department of Applied Chemistry, Public University of Navarra, Spain
 - Department of Inorganic Chemistry, University, Salamanka, Spain
- A district level skill development center of the Additional Skill Acquisition Programme (ASAP) of the Government of Kerala have been established in the college

INFRASTRUCTURE AND LEARNING RESOURCES

- The college has adequate number of classrooms, office space and other facilities such as seminar hall, auditorium, rest rooms, laboratories, playgrounds, volleyball and badminton courts, gymnasium etc.
- The new academic block was inaugurated in 2014.
- The Boys' hostel was inaugurated in 2014.
- The construction of the new Library block, Ladies' hostel and Staff quarters started in 2015.
- Administrative sanction was obtained for the construction of Science block.
- Beautification works of the college campus were done and roads from the main gate to the college campus were completed.
- College bus was purchased using the Local Development Fund of Roshy Augustine MLA.
- A high mast light was installed in the college campus using the Local Development Fund of Joyce George MP
- Software was purchased for automating student information system and internal evaluation.
- UGC network resource center, ASAP computer lab, Edusat studio and language lab have been established
- The principal's room was renovated and refurbished.
- A new playground was constructed and the existing playground was renovated.
- The college has installed a centralized generator and a transformer was installed in the campus by the electricity board.
- UPS have been installed in laboratories and in office.
- Compound wall was constructed
- About ten thousand new books have been purchased to the library during the last five years
- Library has been automated using software
- The college has high speed internet connectivity and wifi throughout the campus.

- New equipment and furniture have been procured every year using the plan fund of Government and UGC fund.
- The construction works and the annual maintenance of the college including painting, electrical and flooring works etc. is regularly done by the Kerala PWD.
- Minor maintenance works and improvement of student amenities are done using PTA and College Development Committee (CDC) funds

STUDENT SUPPORT AND PROGRESSION

- Majority of the students are recipients of financial assistance from the Government in the form of scholarships, fee concession etc.
- The career guidance cell, ASAP, Walk with a Scholar (WWS) programme etc. organized campus placement programmes. About 45 students were offered placement during the job fair organized by WWS in 2016.
- Wheel chair facility was made available to differently abled students and a ramp was constructed.
- A cooperative society was established and reprographic facility was provided.
- The following committees function for student welfare and to ensure equality and justice
 - Grievance redress cell
 - Anti-ragging committee
 - Committee against sexual harassment
 - SC/ST cell
 - Ethics committee
 - Women's cell
- The pass percentages of students is higher than university average
- Coaching for PG entrance examinations, NET and other competitive examinations have been conducted by various departments and students have secured admission in various university departments
- PTA actively functions and college and department level PTA meetings are regularly conducted
- Alumni of the college have secured job in Government and in various private firms. College and department level alumni meetings are conducted
- The college provides ample opportunities for students to participate in extracurricular activities. Many clubs and associations function in the college.
 - NCC
 - NSS

- Drama Club
- Music Club
- Literary Club
- A democratically elected students union acts as a representative body of the college and students of the college have officiated as office bearers of university students union.
- Students of the college have won prizes in Kabaddi, Taekwondo and Wrestling in university level sports meet.
- Students of the college have won prizes in university level arts fest and in various intercollegiate competitions.
- Ms. Arya Rajan, MA Malayalam Student was nominated as a member of Syndicate of Mahatma Gandhi University.

GOVERNANCE, LEADERSHIP AND MANAGEMENT

- The college functions under the department of Collegiate Education, Government of Kerala
- The principal regularly participates in the meetings held at the Directorate of Collegiate Education and at the department of Higher Education
- The college council acts as an advisory body and important decisions are taken after discussions in the college council
- Faculty members regularly participate in orientation and refresher programmes and in seminars and conferences
- Faculty members and non-teaching staff attend training programmes of the department of Collegiate Education
- Biometric punching and online attendance management system was introduced for staff. ID card with electronic chip is provided to staff, by the DCE
- The college utilizes Plan Fund of Government of Kerala, UGC Assistance, Locality Development Funds of People's Representatives, PWD Fund of Government of Kerala, CDC and PTA funds for infrastructure development
- The college ensures hundred percent utilization of Plan Fund of Government of Kerala
- An Internal Quality Assurance Cell functions in the college
- The IQAC started new website for the college and software for online learning management was installed on the website.
- The IQAC collected feedback from students using an online system developed by the college
- Academic audit of the college was conducted by the IQAC
- Financial audit of the college is conducted by under the department of Collegiate Education and the Accountant General of Kerala.

INNOVATIONS AND BEST PRACTICES

- Environmental audit of the college was conducted.
- Organic farming, herbal garden and vegetable garden have been set up.
- Rain water harvesting system was constructed.
- Farm club and nature club function in the college and planting of trees, paddy cultivation etc. have been taken up
- Peer teaching and learning programme was initiated at department level.
- IGNOU study center was established to extend the expertise of the college and faculty members for the public and those students who could not attend regular classes
- The film club organizes film festivals and short films are produced.
- A folklore academy functions in the college for the exploration of the heritage of Idukki district. A renovated heritage museum was inaugurated in 2016.

Biyamol George
Coordinator, IQAC

Dr. K K Suma
Principal