Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	**GOVERNMENT COLLEGE, KARIAVATTOM, THIRUVANANTHAPURAM,KERALA**
Name of the head of the Institution	**Dr. B. Unnikrishnan (01.06.2017 to 10.08.2017) Dr. Safiya Beevi A. (11.08.2017 to 28.12.2017) Dr. B. Unnikrishnan (29.12.2017 to 31.05.2018)**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04712417112**
Mobile no.	**9446748085**
Registered Email	**principalgck@gmail.com**
Alternate Email	**gckiqac@gmail.com**
Address	**Government College Kariavattom,**
City/Town	**Thiruvananthapuram**
State/UT	**Kerala**

Pincode	695581

2. Institutional Status

Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Semi-urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. Sabeen. H.M
Phone no/Alternate Phone no.	04712417112
Mobile no.	9447342623
Registered Email	gckiqac@gmail.com
Alternate Email	principalgck@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/08/aqar_report-2016-17.pdf

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/06/4-Academic-calender-2017-18.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.47	2016	29-Mar-2016	28-Mar-2021

6. Date of Establishment of IQAC	27-Mar-2014

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Meeting of IQAC	01-Aug-2017 1	10
Meeting of IQAC	27-Nov-2017 1	44
Meeting of IQAC	19-Dec-2017 1	15
Meeting of IQAC	05-Jan-2018 1	34
Meeting of IQAC	10-Jan-2018 1	9
Meeting of IQAC	16-Feb-2018 1	14
Meeting of CLMC (College Level Monitoring Committee)	16-Jul-2017 1	5
Meeting of CLMC (College Level Monitoring Committee)	15-Feb-2018 1	5
Meeting of DLMC (Department Level Monitoring Committee)- Biochemistry	01-Jul-2017 1	4
Meeting of DLMC (Department Level Monitoring Committee)- Biochemistry	04-Aug-2017 1	4
View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	Plan Fund	State Govt.	2017 365	5130522
Institution	Non plan Fund	State Govt.	2017 365	342169
Instituition	Construction and maintenance (PWD)	State Govt.	2017 365	1635000
Individual	ICSSR Minor Research Project	Indian Council of Social Sciences Research (ICSSR)	2016 730	200000

9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	
10. Number of IQAC meetings held during the year :	**6**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Providing quality education to Students: Progress of classes taken were discussed during periodic department meetings. Internal assessments and periodic test papers were conducted the students performance was discussed during PTA meeting. Feedback was collected from students and feedback analysis was done. Mentoring was done through WWS/SSP program. Students of Industrial Chemistry and PCA secured Ist rank, Geography secured IInd rank, Computer Science and PCA secured IIIrd rank. Final year students were given M.Sc entrance coaching classes. One third of the passing out students got admission to various PG courses.

Encouraging faculty research activities: Faculties from Dept. of Geography, Physics, Computer Science and Statistics are pursuing Ph.D. One faculty in Statistics department has submitted Ph.D thesis. One faculty form Computer Science department and one from Statistics department has been awarded Ph.D. Two faculties have Minor Research project. One from Department of Biochemistry (worth 1.3 lakhs) and one from Geography (worth 2 lakhs). Faculties have made six presentations in International conferences, and four in National Seminars. Faculties have been Resource persons in total of seven conferences (one International, four national and two state levels). Faculties have published ten publications in International journals and two in National journals. Four faculty members have made contribution in book chapters. 84 faculty members have participated in various international, national and state level seminars and conferences.

Encouraging students in Sports: Students won second position in Inter University Taekwond competition, Bronze medal in Junior National Taekwond and Bronze medal in Junior National Kho Kho Championship. Students participated in Kho kho, Athletics, Cycling and Gymnastics at All India Inter University level Championships.

Promoting extension activities: All the departments of the College participated in 'Sasthrayan 2018', Science Expo. Exhibitions were organised for students of nearby schools. Department of Physical Education organised Kerala University Inter collegiate championship for Taekwondo (men & Women), Roll ball (men & Women), and Cricket (Men) at LNCPE, TVM. Faculty of French served as External Subject Expert of French at Indian Naval Academy, Ezhimala. Department of English Co-ordinated a Nation-wide competition on Legal awareness sponsored by the National Women's Commission. NSS participated in cleaning, beautification and planting Banana saplings in premises of Kerala University College of Teacher Education, Kariavattom. NSS organised blood donation camp. NCC participated in mountain cleaning, Ponmudi, celebrated Children's day in Govt L P School, Chenkottukonam, visited Old age home at Pulayanarkota.

Conducted National Seminars/invited talks by: Department of Statistics: "Applied statistics and data analysis" Department of Physical Education: "Health and Wellness -The key to your happy life" Department of Geography: Natural Hazard Management And Environmental Planning For Sustainable Development Department of Tamil: Contribution of Kerala to tamil Literature Department of Hindi: Queer Theory Its influence in Hindi Malayalam Literature and Film

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Promoting Institutional Collaboration/External study programmes	Study Tour/Industrial visits were conducted by Department of Geography, Physics, Chemistry, Zoology/Botany of Biotechnology and Biochemistry
Promoting Extension activity	All the departments of the College participated in 'Sasthrayan 2018', Science Expo. Exhibitions were organised for students of nearby schools. Department of Physical Education organised Kerala University Inter collegiate championship for Taekwondo (men & Women), Roll ball (men & Women), and Cricket (Men) at LNCPE, TVM. Faculty of French served as External Subject Expert of French at Indian Naval Academy, Ezhimala. Deaprtment of English Co-ordinated a Nation-wide competition on Legal awareness sponsored by the National Women's Commission. NSS participated in cleaning, beautification and planting Banana saplings in premises of Kerala University College of Teacher Education, Kariavattom. NSS organised blood donation camp. NCC participated in mountain cleaning, Ponmudi, celebrated Children's day in Govt L P

	School, Chenkottukonam, visited Old age home at Pulayanarkota.
Encouraging faculties to participate in faculty development programs	Nine faculties attended Refresher course, four attended Short term course and five attended IMG training
Encouraging Faculty participation in other academic activities	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 Member, Malpractice prevention squad University of Kerala Activities related to other academic bodies: Faculties of various departments worked as Member, Board of Higher Secondary Examination Question paper setter, Kerala PSC/KTET Subject experts, Kerala PSC Question Paper Setter, HSS First Term, SCERT
Encouraging faculties to participate in research activities	Faculties from Dept. of Geography, Physics, Computer Science, Chemistry and Statistics are pursuing Ph.D. One faculty in Statistics department has submitted Ph.D thesis. One faculty form Computer Science department and one from Statistics department has been awarded Ph.D. Two faculties have Minor Research Projects. Faculties have made six presentations in International conferences, and four in National Seminars. Faculties have been Resource persons in total of seven conferences (one International, four national and two state levels). Faculties have published ten publications in International journals and two in National journals. Four faculty members have made contribution in book chapters. 84 faculty members have participated in various international, national and state level seminars and conferences.
Up gradation of Library	Books were purchased as per requirement of departments
Enhancement of Laboratory Facilities	Lab equipments and chemicals were purchased as per requirement of departments
Promoting Students welfare activities	College has a Grievance redressal cell that looks into Students grievances and its solution. There is an active Discipline committee, anti ragging cell

	and anti narcotic cell functioning in the college.
Encouraging Students Support	Students applied and got Central Sector Scheme of Scholarships for College and University students, Sanskrit Scholarship, Suvarna Jubilee Merit Scholarship, State Merit Scholarship, Higher Education Scholarship, Post Matric Scholarship Schemes Minorities CS, CH Muhammed koya Scholarship, Post Matric Scholarship Schemes Minorities CS. Organised Walk With Scholar and Scholar Support Program for students. Bridge course was conducted by department of Computer Science.
Promotion of good teaching – learning process	All Departments were asked to prepare action plan. Majority of the classes were conducted using ICT facility, Internal assessments and periodic test papers were conducted the students performance was intimated to parents during PTA meeting. The attendance of the students was regularly monitored at the end of each semester by the College Level Monitoring Committee (CLMC). Feedback was collected from students and feedback analysis was done. Mentoring was done through WWS/SSP program. Five students secured University Ranks. College follows tutorial system. Students were given M.Sc entrance coaching classes. One third of passed out students from different departments got admission to various PG courses.
View File	

14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Council	21-Jun-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2018

Date of Submission	22-Mar-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	Teaching and non teaching mark attendance using Biometric System. Library is partially automated and uses the software BOOKMAGIC Version 4.0 since 2007. All official matters are communicated among staff of the Institute via Institutional email system. College has a public address system. There is CCTV and Security Systems in all classrooms, labs and around premises of the college. Personnel Administration, Payroll and other Account activities of the College and Staff are managed through Service and Payroll Administrative Repository for Kerala (SPARK) which is an Integrated Information system of Government of Kerala.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Govt. College Kariavattom , imparts value based quality education of highest order to the students residing in semi-urban areas through an effective implementation of curriculum. The college functions with highly specialized teaching faculties to empower the students to put their knowledge to application and inculcate in them the urge for creative learning and augment fervour for research. The courses offered by the college are career related. Each course imparts appropriate knowledge and skills, aims at refining students' competence to deal with professional works and enables them to make productive performance. Apart from regular lectures, interactive lectures, computer assisted lectures, multimedia power point presentations, student-centred interactive learning through seminars, debates, quiz, group presentations, collaborative learning, educational tours, industrial visits and visualized technologies are adopted to motivate and stimulate the students' curiosity and to facilitate the comprehension of complicated concepts. Seminars and workshops are conducted to develop the potential of the faculties as well as the students. Continuous assessment of students and feedback and rating of the faculty from students' part are carried out at the end of each semester. The college strictly adheres to the guidelines of the State Government and University of Kerala for the effective implementation of the curriculum. Special classes, if needed, are engaged during vacation and at off hours to compensate for the time lost in regular college hours in-order to provide the teaching hours stated in the academic calendar. Meetings with faculties are convened at regular intervals to discuss the strategies to be adopted for the effective functioning of the college. College pays special attention to the non-scholastic activities like Sports and Games, NCC, NSS and other extension

activities to enhance the physical and mental development of the students. NSS and NCC programmes inculcate social awareness and human values in students through plantation, blood donation and medical camps and propagate the need for sanitation and cleanliness in day to day life. The cells / committee are usually provided with complete autonomy in their respective field. They enable the students to bring out their talents and creativity and empower them by imparting guidance, motivation and awareness classes Programmes like WWS, ASAP assist students to identify appropriate area for their higher studies and a set of additional skill to students along with their regular courses .SSP which functions in the college helps the students to overcome their academic weakness. Special attention is given to redress the grievances of the students through these activities. The General Library which is well equipped with quality books, journals magazines and newspapers functions as the knowledge hub of the college. The IQAC maintains a set of standard in teaching, learning and evaluation process. It keeps strict vigil in the academic process and maintains quality and sustenance through self-appraisal. On the whole, the Head of the institution, teaching and non-teaching staff played a pivotal role in the proper functioning and implementation of various aspects pertaining to the curriculum.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	Advanced Diploma in Logistics and Retail Management	15/09/2017	182	Warehousing and inventory, import, export, air cargo	Warehousing and inventory, import, export, air cargo
NIL	Professional Diploma in Enterprise Network Engineering	15/09/2017	365	Network and System A dministratio n	Computer Hardare, windows admi nistration
NIL	Professional Diploma in Civil Construction Engineering	15/09/2017	365	Construction field	Construction Supervisor, Land survey Civil draftsman, Land skipping
NIL	Professional Diploma in Interior Arc hitectural Design	15/09/2017	365	Interior designing	Interior Design, Revit Architecture
NIL	Professional diploma in Industrial I nstrumentati	15/09/2017	365	Automation engineer, Safety operator Fireman,	Automation engineer, Safety operator fairman,

				Instrument fitter, instrumentation technician	instrument fitter,instrumentation technician
NIL	Professional Diploma in Industrial Electrical Engineering	15/09/2017	365	Electrical wireman, Electrical technician, Instrument fitter	Electrical wireman, Electrical technician, Instrument fitter
Accounts Executive – Payables Receivables	Nil	01/02/2018	180	Accountant	Financial management and Accounting
CERTIFICATE COURSE IN JUNIOR CORRE SPONDENT	Nil	01/02/2018	180	Media	Developing skills in writing, interviewing and building contacts

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill

View File

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Biochemistry	01/06/2017
BSc	Biotechnology	01/06/2017
BSc	Chemistry & Industrial Chemistry	01/06/2017
BSc	Computer Science	01/06/2017
BSc	Geography	01/06/2017
BSc	Physics and Computer Applications	01/06/2017
BSc	Statistics	01/06/2017

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	26	203

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Nil	Nill	Nill

1.3.2 – Field Projects / Internships under taken during the year		
Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MSc	Physics	10
BSc	Statistics	34
BSc	Biotechnology	9
BSc	Computer Science	26
BSc	Physics & Computer Applications	20
BSc	Geography	28
BSc	Biochemistry	31
BSc	Chemistry & Industrial Chemistry	24

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback was collected from students emphasizing thirteen criteria. The subject knowledge of nearly 90 of teachers is rated excellent by students. The communication skills, is also excellent for more than 95 of teachers. On an average, 90 percentage of teachers help students to develop an interest in the subject. The presentation style of more than 95 of teachers are also rated high by students. Students also feel that teachers are quite interactive which has helped students a lot to clarify their doubts. According to students, comparatively less percentage of teachers only succeeds in maintaining discipline in the class, which needs to be improved in the coming years. But more than ninety percent of teachers prospers in keeping a good relationship with students. Teachers complete the portions well in advance and evaluate students based on class tests and assignments. Usage of teaching learning aids by teachers is another factor that needs improvement according to the feedback of students. However, more than 99 of teachers step down to students' level to make concepts understandable. Only 80 percentage of teachers motivate students for extra curricular activities, which also needs to be improved in due course. Nearly 80 of teachers establish a good relationship with parents. Feedback was collected from Teachers with respect to five criteria. On an average nearly 94 of teachers have rated the curriculum to be outstanding and the rest 6 very good. When 90 of teachers found the academic environment to be excellent, 1 suggested improvement, which needs to be given priority in subsequent years. Only 82 of teachers felt library infrastructure (both in terms of the availability of books and management) to be outstanding, nearly 5-10 felt the

need for further improvement of the facilities in libraries. The office administration was excellent to nearly 98 and none was dissatisfied by its functioning. Most of the teachers were satisfied with conventional teaching, but 70 was satisfied with the facility for ICT enabled classes. Frequent interactions, most probably, once in a month or when required, will be conducted by Director of DCE(employer) and college Principal, where discussions and clarifications on the academic and administrative matters are moulded. Feedback was collected from Alumni based on their course, their present designation and accessibility to college which was rated excellent by more than 90. Teachers often communicate with parents the progress and attendance of students. Moreover, regular PTA meetings are conducted which helps to develop a good rapport between the students, parents and teachers. General body meetings are also conducted and PTA is formed. The feedback collected from all stakeholders is of crucial importance for the development of the institution and is the basis upon which changes for betterment are anticipated for the next academic year. The suggestions given by the students, teachers, alumni on the curriculum were analysed and based on its merit, submitted to the University through the Board of Studies, Academic Council and Senate members of the institution.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	Physics	8	747	12
BSc	Statistics	32	1142	43
BSc	Physics with Computer Application	24	1865	33
BSc	Geography	24	1993	34
BSc	Computer Science	24	3637	32
BSc	Chemistry and Industrial Chemistry	24	1742	32
BSc	Biotechnology	24	4739	34
BSc	Biochemistry	32	2858	44
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	679	22	49	4	2

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-

learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
55	23	18	18	1	1

<div align="center">

View File of ICT Tools and resources

View File of E-resources and techniques used

</div>

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The quality assurance cell of the college takes special efforts in carrying out various programmes to enhance the student-learning process and to improve the overall teaching-learning atmosphere in the campus. A structured way of student mentoring system has been established in the college where the system is addressed at two levels At the department level, faculty members are assigned the role of Faculty advisor/ tutors for each class. The tutors are further monitored by head of the department. Students with academic issues are addressed by the tutor in charge and reported to HODs whenever the situation demands. At the institution level, a mentoring system has started where a faculty in charge will act as the mentor for the entry level learners at the institution. Each mentor was assigned with 15 mentees who will act as their advisor and supporter till the completion of entire course. The institution also takes keen interest in executing the programmes implemented under the new initiatives of the Higher education department of the state. The college is an active participant in various learning and skill acquisition programmes like Student Support Programme (SSP) and Walk with a Scholar (WWS). Under the SSP scheme, students having less than 60 aggregate marks in the qualifying examination and who need some additional support are identified and given special care in the concerned subject by the selected SSP faculties, who are the faculties of college itself. Special training was also given for SSP students are given in IT skills, life skills, and learning skills by skill development executives identified by the Govt/industry. These external mentoring classes are conducted for the students before/after the normal working hours of the college and also in Saturdays. Walk with Scholar (WWS) programme has been designed to arrange specialized mentoring programmes for undergraduate students to provide guidance for their splendid career. The scheme introduces the concept of mentor as a "guide and friend". Apart from face to face interaction of teachers with students in the regular classrooms, special care and direction is given to selected meritorious students and introduction of various employment opportunities or employment based higher education opportunities is imparted to them by the internal mentors of the programme, who are the faculties of this college. Other highlights of this programme are motivational camp for students, conducting mock interviews and debates for competitive examinations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
701	53	1:13

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
47	41	6	6	20

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Ms. Anjana V	Assistant Professor	Professor U S Nair Best Papre Presenter Award, International Conference on

			Statistics for 21st Century by ICSTC 2017
2017	Dr. Anne Philip	Assistant Professor	Prof. R Krishna Pillai Best Paper Presentation Award, International Conference on Statistics for 21st century, Kerala University

View File

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
BSc	238	Semester 1	13/04/2018	29/10/2018
BSc	238	Semester 3	10/01/2018	26/07/2018
BSc	238	Semester 4	30/07/2018	19/12/2018
BSc	238	Semester 5	15/02/2018	18/06/2018
BSc	238	Semester 6	07/05/2018	21/06/2018
BSc	350	Semester 1	11/04/2018	30/10/2018
BSc	350	Semester 3	12/01/2018	25/07/2018
BSc	350	Semester 5	15/12/2017	18/06/2018
BSc	350	Semester 6	04/06/2018	27/06/2018
BSc	320	Semester 1	20/06/2018	07/11/2018

View File

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Students are evaluated by continuous and end semester assessments. A college level monitoring committee is functioning to supervise all evaluation processes in the credit and semester system. Class tests are conducted at the end of each module and finally at the end of semester a model exam in the same pattern as university exam is conducted. Their performance in the practical classes also regularly monitored and evaluated at the end of the semester. All the departments follow a tutorial system to ensure individual care to students. All the processes are done with the consultation of CLMC. The institution also took keen interest in providing a model exam for students of S1 before the university examination primarily focusing to familiarize with the university exam pattern and also to acquaint with the techniques to score high during actual evaluation.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The institution is affiliated to the University of Kerala and thus following the Academic Calender published by the University. The internal assessments are carried out for each semester at the institution whereas the End Semester

Evaluations are done by the University as per the prior schedules. The answer scripts will be evaluated at a centralised valuation camp to ensure fair and transparent valuation.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/07/Course-Outcomes.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
630	MSc	Physics	10	8	80
225	BSc	Statistics	33	20	61
328	BSc	Physics with Computer Application	26	23	88.5
205	BSc	Geography	27	26	96
320	BSc	Computer Science	26	24	92
241	BSc	Chemistry and Industrial Chemistry	22	21	95.5
350	BSc	Biotechnology	26	26	100
238	BSc	Biochemistry	31	30	97
View File					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/06/SSS2017_18.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	730	Indian Council of Social Science Research	200000	80000

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
National Seminar – "Applied statistics and data analysis"	Statistics	09/11/2017
Health and Wellness -The key to your happy life	Physical education	28/11/2017
National seminar on Natural Hazard Management And Environmental Planning For Sustainable Development	Geography	21/11/2017
National Seminar – Contribution of Kerala to Tamil Literature	Tamil	26/10/2017
National Workshop: Topic- QUEER THEORY- Its influence in Hindi Malayalam Literature and Film	Hindi	14/11/2017

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Nil	Nil	Nil	Nill	Nil

View File

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nill

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Hindi	1
Biochemistry	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Physics	1	5.3

International	Physical Education	1	1.8
International	Botany	1	0.5
International	Computer Science	1	1.5
International	Physical Education	1	1.8
International	Botany	1	0
National	Geography	1	0
International	Physics	1	3.6
International	Zoology	1	0
International	Chemistry	1	1.6
[View File](#)			

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	2
Biochemistry	2
[View File](#)	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Visible luminescence from highly textured Tb3 doped RF sputtered zinc oxide films	R. Sreeja Sreedharan, R. Reshmi Krishnan, R. Jolly Bose, V. S. Kavitha, S. Suresh, R. Vinodkumar, S. K. Sudheer, V. P. Mahadevan Pillai	Journal of Luminescence	2017	15	University of Kerala	13
Bright visible luminescence from highly textured, transparent Dy3 doped RF	R. Sreeja Sreedharan, R. Reshmi Krishnan, G. Sanal Kumar, V.S. Kavitha,	Journal of Alloys and Compounds	2017	10	University of Kerala	10

sputtered zinc oxide films	S.R. Chalana, R. Jolly Bose, S. Suresh, R. Vinodkumar, S.K. Sudheer, V.P. Mahadevan Pillai						
Effect of Maleation on the Mechanical Properties and Biodegradation of Linear Low Density Polyethylene-starch Blends.	ANNA, D.K.F., THOMAS, K., RAGHUL, S.S., SARITA, G.B.	International Journal of Engineering and Information Systems (IJEAIS)	2017	0	Department of Biotechnology Cochin University of Science and Technology Kochi – 682 022, India		Nill
Identification of Serk Gene from Bract Derived Embryogenic and Non - Embryogenic Calli of Four Diploid Banana Cultivars from South India	Binoy KR	Journal of Agricultural Studies	2017	1	Department of Botany, Govt. College, Kariavattom		1
Comparison of preferred foot and non preferred foot soccer technique levels of junior players	Dr. Xaviour G	International Journal of Physical Education Sports Sciences	2018	0	Department of Physical Education, Government College, Kariavattom		Nill
Effective and safe	Anjali O and Dr. Xaviour G	International Journal of	2018	0	Department of		Nill

Title of the Paper	Name of Author	Title of journal	Year of publication		Institutional affiliation as	
methods of stretching		Physical Education Sports Sciences			Physical Education, Government College, Kariavattom	
Self-assembly and photoinduced electron transfer in a donor ?-cyclodextrin-acceptor supramolecular system	Retheesh K, Smesh BK, Bijitha Balan and K Gopidas	Journal of Chemical Sciences	2018	4	NIIST, Thiruvananthapuram	4
Isozyme analysis of embryogenic and non-embryogenic callus of diploid banana cultivars	Smitha, P.D., K.R. Binoy and A.S. Nair	International Journal of Agriculture, Environment and Biotechnology	2018	0	Department of Botany, Government College, Kariavattom	Nill
Fault Detection and Behavioral Prediction of a constrained complex system using cellular automata	Priya R Elizabeth Sherly	International Journal of computational science and engineering	2018	5	University of Kerala	5
Effect of Laterite Mining on the Landuse of Midland Hillocks of Kannur District, Kerala, A Case Study	T. K. Prasad G.R. Parthasarathy	International Journal of Science and Research, India	2018	0	Department of Geography, Govt College Kariavattom	Nill

View File

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations	Institutional affiliation as

					excluding self citation	mentioned in the publication
Self-assembly and photoinduced electron transfer in a donor ?-cyclodextrin-acceptor supramolecular system	Retheesh K, Smesh BK, Bijitha Balan and K Gopidas	Journal of Chemical Sciences	2018	52	4	NIIST, Thiruvananthapuram
Effective and safe methods of stretching	Anjali O and Dr. Xaviour G	International Journal of Physical Education Sports Sciences	2018	Nill	Nill	Department of Physical Education, Government College, Kariavattom
Comparison of preferred foot and non preferred foot soccer technique levels of junior players	Dr. Xaviour G	International Journal of Physical Education Sports Sciences	2018	Nill	Nill	Department of Physical Education, Government College, Kariavattom
Identification of Serk Gene from Bract Derived Embryogenic and Non - Embryogenic Calli of Four Diploid Banana Cultivars from South India	Binoy KR	Journal of Agricultural Studies	2017	Nill	1	Department of Botany, Govt. College, Kariavattom
Effect of Maleation on the Mechanical Properties	ANNA, D.K.F., THOMAS, K., RAGHUL, S.S.,	International Journal of Engineering and Information	2017	Nill	Nill	Department of Biotechnology Cochin University

and Biodeg radation of Linear Low Density Po lyethylene-starch Blends.	SARITA, G.B.	Systems					of Science and Technology Kochi – 682 022, India
Bright visible lu minescence from highly textured, transparen t Dy3 doped RF sputtered zinc oxide films	R. Sreeja Sre edharan, R. Reshmi Krishnan, G. Sanal Kumar, V.S. Kavitha, S.R. Chalana, R. Jolly Bose, S. Suresh, R. Vinodkumar , S.K. Sudheer, V.P. Mahadevan Pillai	Journal of Alloys and Compounds	2017	172	10	University of Kerala
Visible luminescen ce from highly textured Tb3 doped RF sputtered zinc oxide films	R. Sreeja Sre edharan, R. Reshmi Krishnan, R. Jolly Bose, V. S. Kavitha, S. Suresh, R. Vinodku mar, S. K. Sudheer, V. P. Mahadevan Pillai	Journal of Lumines cence	2017	115	13	University of Kerala
Isozyme analysis of embryog enic and n on-embryog enic callus of diploid banana cultivars.	Smitha, P.D., K.R. Binoy and A.S. Nair	Internat ional Journal of Agricultur e, Environ ment and B iotechnolo gy	2018	Nill	Nill	Department of Botany, Govt. College, K ariavattom
Fault Detection	Priya R Elizabeth	Internat ional	2018	Nill	5	University

and Behavioral Prediction of a const rained complex system using cellular automata	Sherly	Journal of computatio nal science and engine ering				of Kerala
Effect of Laterite Mining on the Landuse of Midland Hillocks of Kannur District, Kerala, A Case Study	T. K. Prasad G.R. Parth asarathy	Internat ional Journal of Science and Research, India	2018	Nill	Nill	Department of Geography, Govt College Ka riavattom

View File

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	5	72	5	2
Presented papers	6	4	Nill	Nill
Resource persons	1	4	2	Nill

View File

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
National seminar titled NATURAL HAZARD MANAGEMENT AND ENVIRONMENTAL PLANNING FOR SUSTAINABLE DEVELOPMENT	Department of Geography, GCK	4	140
Seminar on WATER RESOURCE MANAGEMENT on 27.10.2017	Department of Geography, GCK	4	130
OPEN HOUSE in Dept of Geography in relation with	Department of Geography, GCK	4	300

Sasthryan, Exhibition on 27 and 28 February 2018.			
Interaction with All India Radio Crew Ms. Ranjini and broadcast the same on 19th August 2017 on Ananthapuri FM	Placement Cell, Women's Study Cell and Department of English, GCK	1	100
Formation of English Club on 6th October	Women's Study Cell and Department of English, GCK	1	13
Co-ordinated a seminar on the Legal Rights of Women on 31st October 2017 with Adv. Aparna Sreekumar as the Resource Person.	Women's Study Cell and Department of English, GCK	1	100
Open house of Natural History Museum (Zoology) to Public in connection with Sasthrayan 2018	Department of Zoology, Govt College Kariavattom	3	450
Seminar on Wetland Day on 19/03/2018	Department of Geography	4	100
Life style disease awareness camp- The camp focused on imparting awareness on diet management of life style diseases like obesity, diabetes, cancer, hypercholesterolemia, and hypertension.	Department of Biochemistry	4	300
AIDS DAY CELEBRATION	NCC UNIT , GCK	1	50
View File			

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Nil	Nil	Nil	Nill
View File			

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
AIDS Day Celebration 2017	NCC UNIT , GCK	AIDS DAY CELEBRATION	1	50
Environmental Awareness Program	NCC UNIT , GCK	Environmental Awareness	1	50
Environmental Day Celebrations 2017	NCC UNIT , GCK	Environmental Day Celebrations	1	50
View File				

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Collaboration	Bijitha Balan	Nil	365
Research Collaboration	Raghul Subin	Nil	365
View File			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Students Project Work	E-Toll with Easy pay	Trinity Software Technologies	01/01/2018	29/03/2018	4
Students Project Work	Geo Location based service finder	Trinity Software Technologies	01/01/2018	29/03/2018	3
Students Project Work	Hand gestrures based patient care system	IHRD Regional Centre , Trivandrum	01/01/2018	29/03/2018	4
Students Project Work	Bluetooth controlled vehicle	IHRD Regional Centre , Trivandrum	01/01/2018	29/03/2018	4

Students Project Work	Medical E Card	Trinity Software Technologies	01/01/2018	29/03/2018	4
Students Project Work	Intelligent Human Track system for Search and rescue	IHRD Regional Centre , Trivandrum	01/01/2018	29/03/2018	3
Students Project Work	Tiny Umbrella	INZENJER IT SOLUTIONS	01/01/2018	29/03/2018	3
Students Project Work	iFall- Fall Detection App	INZENJER IT SOLUTIONS	01/01/2018	29/03/2018	3
Students Project Work	Health Monitoring System	INZENJER IT SOLUTIONS	01/01/2018	29/03/2018	3
Students Project Work	ID2S : Password Aut henticated Key Exchange	INZENJER IT SOLUTIONS	01/01/2018	29/03/2018	4

View File

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Nil	Nill	Nil	Nill

View File

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
4004522	4003106

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing

Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

View File

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
BOOKMAGIC	Partially	Version 4.0	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	17796	5485543	974	296655	18770	5782198
Reference Books	162	411896	122	487060	284	898956
Library Automation	1	19800	Nill	Nill	1	19800

View File

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nill

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	89	4	22	0	0	1	13	10	2
Added	2	0	18	0	0	0	0	0	0
Total	91	4	40	0	0	1	13	10	2

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

10 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and

	recording facility
ORICE /EDUSAT	https://youtu.be/mqj_RwcMJVo

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
196349	196349	2307265	2307265

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Procedures and policies for maintaining and utilizing physical, academic and support facilities such as laboratories, library, sports facilities, computer labs and classrooms are as per rules and regulations stipulated by the Govt. of Kerala. Priority has been given for the proper maintenance of the infrastructural facilities. Allocation of funds for the maintenance of the infrastructure of the college is earmarked in the plan fund of the college by the directorate of collegiate education department. The state Public Works Department is assigned the technical supervision of the works. The laboratories are well equipped with a sufficient stock of equipment and other consumables as per the requirement utilizing the plan fund released by the Department of Collegiate Education. Separate laboratories are provided for the available UG and PG programmes. Repair and renovation works have been done annually to ensure the safety in laboratories as and when the grants are allotted which also include funds from PTA. The college has a well-stocked General library which is partially automated with a good repository of textbooks and reference books such that the students can access them as reference materials related to the syllabi and curricula along with periodicals, newspapers, and other academic publications. Books are purchased annually as per the requirement and suggestions received from the faculty as well as students utilizing the plan fund allotted by the collegiate education department. College has two playgrounds of which one is a multipurpose court which includes space for football and cricket and the other is a shuttle badminton court. Students are given training for cricket, football, volleyball, kabaddi, kho-kho, archery, fencing, shuttle badminton, athletics, powerlifting, weightlifting and roll ball. Recurring grants are ensured for the purchase of new sports goods and for the maintenance of existing facilities. The college has computer lab facilities which are utilized by the students as part of their curriculum. Regular service and maintenance of the computers are done with the use of plan funds and by the support of PTA funds. UPS and other supporting facilities required for the functioning of computers are ensured with the help of supporting funds. Separate classrooms are allotted for each batch of students and rooms are allotted as per the student strength. Sufficient furniture and other requirements of classrooms are ensured annually through plan funds provided by the department of collegiate education. Repairing and painting works are timely done with the support of the Public Works Department of Govt. of Kerala. Apart from the students at the college who use the facilities, students of courses conducted by the Continuing Education Cell (CEC) also utilize the facilities of the college such as computer labs and classrooms. Classrooms are also allotted for exams conducted by Kerala Public Service, School of Distance Education, and University of Kerala as and when requested.

http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/06/criteria-IV-4.4.2-write-up.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	0	0
Financial Support from Other Sources			
a) National	Suvarna Jubilee, Sanskrit, CH Muhammed Koya, Higher Education, Central sector Scheme, Snehapoorvam, Post matric Scholarship	38	338500
b)International	0	Nill	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Scholar? ?support? ? programme? ?(2017-18)	01/02/2018	150	Department of collegiate education, Kerala
Bridge? ?Course?	11/09/2017	7	Department of Computer Science, Govt. College, Kariavattom
Walk with Scholar	11/09/2017	90	Directorate of Collegiate Education
Additional Skill Acquisition Programme	11/09/2017	90	Department of Higher Education Department of General Education
Coaching camp for Football (20 days)	11/09/2017	12	Directorate of collegiate Education, Govt. of Kerala, Plan fund -2017-18
Coaching camp for Volley ball (15 days)	11/09/2017	16	Directorate of collegiate Education, Govt. of Kerala, Plan fund -2017-18
Coaching camp for Cricket (15 days)	11/09/2017	12	Directorate of collegiate Education, Govt. of

Coaching camp for Kho kho (15 days)	16/10/2017	25	Directorate of collegiate Education, Govt. of Kerala, Plan fund -2017-18
Coaching camp for Kabaddi (15 days)	23/10/2017	12	Directorate of collegiate Education, Govt. of Kerala, Plan fund -2017-18
Coaching camp for Athletics (20 days)	23/10/2017	10	Directorate of collegiate Education, Govt. of Kerala, Plan fund -2017-18
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2017	ASAP	25	Nill	Nill	Nill
2017	SSP	150	Nill	68	Nill
2017	PG Entrance Orientation Programmes	21	Nill	12	Nill
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	30

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Nil	Nill	Nill	Nil	Nill	Nill
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of	Programme	Depratment	Name of	Name of

	students enrolling into higher education	graduated from	graduated from	institution joined	programme admitted to
2018	2	BSc. Biotechnology	Biotechnology	MG University	MSc Biotechnology
2018	1	BSc. Biotechnology	Biotechnology	Central University of Kerala	MSc Genomic Science
2018	2	BSc. Biotechnology	Biotechnology	CUSAT	MSc Biotechnology
2018	2	BSc. Biotechnology	Biotechnology	University of Kerala	MSc Biotechnology
2018	1	BSc. Biochemistry	Biochemistry	Kerala University of Fisheries and Ocean Studies	MSc Environmental Science
2018	1	BSc. Biochemistry	Biochemistry	Central University of Kerala	MSc Biotechnology
2018	2	BSc. Biochemistry	Biochemistry	Central University of Kerala	MSc Biochemistry
2018	2	BSc. Biochemistry	Biochemistry	University of Kerala	MSc Biotechnology
2018	1	BSc. Biochemistry	Biochemistry	University of Kerala	MSc Social work
2018	5	BSc. Biochemistry	Biochemistry	University of Kerala	MSc Biochemistry
[View File](#)					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
NET	2
SET	1
Any Other	2
[View File](#)	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Roll ball	Kerala University Inter collegiate Roll ball Championship (Men and Women	170
Taekwondo	Kerala University Inter collegiate Taekwondo Championship (Men and Women)	144

Cricket	Kerala University Inter collegiate South Zone Cricket Championship (Men)	960
Arts Festival	Institutional Level	600

View File

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Secured second position in all India Inter-University Taekwondo Championships in Amritsar	National	1	Nill	32016108 015	B Kiruba Shankar
2017	Silver medal in 36th National Senior Male Taekwondo Championship	National	1	Nill	32016108 015	B Kiruba Shankar
2017	Participated in All India Inter University Taekwondo (Mens) Championship	National	1	Nill	32016108 015	B Kiruba Shankar
2017	Bronze Medal in Junior National Kho Kho Championship	National	1	Nill	32016108 003	Adarsh M L
2017	Bronze medal in 36th Senior National Kyorugi Taekwondo	National	1	Nill	20514108 001	Aiswarya L S

| | Championsh ip | | | | | |

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

2017-18 Union activities started with the inauguration of the College Union along with the Arts Club on 7 Feb 2018 by our Principal Dr. B Unnikrishnan Nair. There started the celebrations of GCK. On 14 Feb 2018 GCK celebrated Valentines Day with various cultural programmes. The union organised the Sixer Cup and Kick-Off Cup for Sports lovers in college. With the support of Staff, students and Union Sastryaan was conducted productively in our college. In the valedictory function of Sastryan, our Honble minister Shri Kadakampallil Surendran inaugurated the Silver Jubilee Celebrations of the College by lighting the lamp. At the beginning of the celebrations, the Union organized the music night Khayal which made the students highly spirited. Union commenced its Three day Arts Fest on 14 Mar 2018 by distributing food to the inpatients in the General Hospital. It was followed by the cultural programs from all the departments of the college. The Union conducted the College Day on 23rd Mar 2018 grandly thereby bringing an end to the whole year GCK celebrations. Department of Statistics has been selected as the best department of the year. In memory of Comrade Mahesh, a trophy was handed over to the Statistics department by his father. The long-awaited college store has come true and our Principal inaugurated it on 20 July 2018. Union gave a warm welcome to the freshers of Degree course by providing them a platform to exhibit their talents. The Union distributed sweets to the newcomers and the Mathrikam wing of the Union distributed files to them. Our former Chief Minister Sri V S Achuthanandan released the 2017-18 College Magazine Azadi, and the function was conducted very grandly. When Kerala was sinking with floods, there also Union extended their helping hand to the affected people, especially in Chengannur. Hence the Union members have made their mark in every area they touched.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

350

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

An interactive session with students was handled by Dr. Anu S Nair (Deputy Collector, Tvpm Alumni, and Government College Kariavattom on February 2017. A talk about rainwater harvesting and water management was given to students by Mr. Ansar Azad (Managing Director, ACT Pvt Limited and Alumni, Government College Kariavattom by March 2017. A representative of Alumni Association serving as member in meetings of all the developmental activities of the College during the academic year. Social Media Platform like whatsapp group is created for communication between Alumni members which mainly aims as social interaction among alumni members and helping/supporting the pass out students of the institution in finding jobs/project works/business opportunities etc.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The triumph of an institution is the result of the combined efforts of all who work towards attaining the vision of the institution. The Principal, Heads of the departments, teaching and non-teaching faculties along with the student union members, class representatives together concentrate on fostering the progress of the institution by sharing the responsibilities and actively participating towards the growth of the institution. Every important decision is presented at the College Council followed by a discussion and suggestion session. The council members are ready to spend their time and energy for the smooth conduct of the various activities of the college. The students are also empowered to play a very important role in the various activities of the college. The non-teaching staffs are well represented and their valuable suggestions are considered while taking important decisions. The college practices decentralized and participative management approach in all its activities, initiatives and decision making. Various committees like (Discipline committee, Anti-Ragging Cell,) and clubs are formed in accordance to government guidelines.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	The Curriculum is designed by the University of Kerala. The Curriculum undergoes a revision once in five years. Some of the faculties are members of Board of Studies and Academic Council of the University, associated with the framing and the restructuring of the syllabus. The IQAC takes a feedback from the teachers to evaluate the curriculum.
Teaching and Learning	Traditional modes of teaching and learning are well blended with the use of ICT enabled teaching. National seminars and workshops are conducted regularly by each department of the college and the industrial visits offer plenty of opportunities to the students to interact positively with experts from community, industry, research etc. Programmes like Walk With a Scholar and Student Support Programme funded by The New Initiatives in Higher Education, Govt. of Kerala and Additional Skill Acquisition Programme help the students to increase their regional and global employability. Every faculty in the institution maintains a Teacher's Diary

	in which the teacher keeps a record of the classes taken on daily basis. The IQAC conducts a student appraisal of teachers and take a feedback both from parent and students to evaluate the teaching learning process and suggest measures for improvement.
Examination and Evaluation	End Semester Examinations are conducted by the affiliating University. College conducts internals assessments of students every semester according to the University guidelines and are uploaded online. Class tests, assignments, seminars, debates, interactive sessions are conducted by the departments to evaluate the students. CLMC (College Level Monitoring Committee) evaluates the result without fail.
Research and Development	Publication of research works in peer reviewed journals The Research Committee promotes high quality research. The teaching staffs engage in activities that promote quality research and development. In order to motivate, the institution encourages the faculty members to participate in seminars, workshops, training programmes, courses etc. to be research oriented. The teaching staffs are also well motivated to take up major and minor projected funded by UGC. Two of the faculties have been recognized as Research Supervisor.
Library, ICT and Physical Infrastructure / Instrumentation	Utilisation of plan fund for development of Laboratory/ library CIUP fund to improve the infrastructure IT grid fund utilized EDUSAT fund for modernization The College library has a huge collection of books and is well maintained. The College encourages the use of ICT based techniques. The Physical infrastructure of the college is given more attention and the work is still in progress. Water cooler cum water purifier is made available in both the blocks. The Physical infrastructure of the college is well maintained by the PTA. The Plan Fund is well utilised for the development of laboratories and the library. A well-equipped gymnasium is maintained by the Department of Physical Education.
Human Resource Management	Training programme for teaching and non-teaching staff Teaching faculty acting as Coordinators/Conveners of

	various clubs Guest faculty employed to fill the available vacancies Various positions such as members of various committees and charges of clubs are distributed among the teachers judiciously by the College Council. The college office decides the job allocation of the non-teaching staff. Teachers are given additional charges for various extra-curricular and co-curricular activities
Industry Interaction / Collaboration	Human Resource Management Training programme for teaching and non-teaching staff Teaching faculty acting as Coordinators/Conveners of various clubs Guest faculty employed to fill the available vacancies Various positions such as members of various committees and charges of clubs are distributed among the teachers judiciously by the College Council. The college office decides the job allocation of the non-teaching staff. Teachers are given additional charges for various extra-curricular and co-curricular activities Industry Interaction / Collaboration Industrial interaction through projects by the students of Chemistry Industrial Chemistry and Computer Science. Industrial visits are conducted by the Departments of Chemistry and Industrial Chemistry, Biochemistry , Physics.
Admission of Students	Done by the institution as per the rank list provided by the University of Kerala through a centralized admission portal.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	The Planning and Development section is partially computerized.
Administration	The Administrative procedure is partially computerized.
Finance and Accounts	Salary of faculty members and staff is transferred directly to the bank account and the salary bills are submitted online to the treasury through the software SPARK. E-Tenders are done.
Student Admission and Support	The entire process of admission is done online through a centralized admission portal. The applications of Scholarships are also done online.
Examination	The registration of Students for University exams is done online. The

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2017	NIL	NIL	NIL	Nill
View File				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	NIL	CTFM	05/02/2018	09/02/2018	Nill	1
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Programme - IMG	1	03/07/2017	05/07/2017	3
Short Term Course	1	19/01/2018	25/01/2018	7
Short Term Course	1	06/11/2017	11/11/2017	6
Short Term Course	2	30/10/2017	04/11/2017	6
Refresher Course by UGC-HRD	2	24/05/2018	13/06/2018	21
Refresher Course by UGC-HRDC	1	07/02/2018	27/02/2018	21
Refresher Course by UGC-HRDC	2	09/01/2018	29/01/2018	21
Refresher Course by UGC-HRDC	2	30/11/2017	20/12/2017	21

Refresher Course by UGC-HRDC	1	11/07/2017	31/07/2017	21
Refresher Course by UGC-HRDC	1	08/09/2017	28/09/2017	21

View File

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
5	8	4	1

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Various schemes provided by the Government of Kerala – Maternity leave, Loans, Festival Allowances, State Life Insurance, Group Insurance Scheme, General Provident Fund, etc as per KSR/KER rules.	Various schemes provided by the Government of Kerala – Maternity leave, Loans, Festival Allowances, State Life Insurance, Group Insurance Scheme, General Provident Fund, etc as per KSR/KER rules.	KPCR/SC/ST/Minority Fee concessions and e-grants from Govt. of Kerala and other Merit scholarships. A scholarship section is working at College office and Directorate of Collegiate Education.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institution conducts internal and external financial audits regularly. Audit will be conducted at the end of each financial year. The auditors will visit to college at regular intervals, they will verify all financial transaction with the supporting documents and approval of proper authority for each financial transaction. The financial transactions are accounted in Tally ERP by the college. Audit is conducted in accordance with the Auditing standards generally accepted in India. They plan and perform procedure to obtain the reasonable assurance about whether the financial statements are free from material misstatements. Auditor will examine on a test basis evidences, supporting for the amounts and disclosure in the financial statements. It also includes assessing the accounting principles used and management estimates and evaluation of overall financial statements presentation. Based on such audit, will issue audit report of for True and Fair view on the financial statements. The college is a state run institution, fully funded by the government. Any expenditures involving payment from the grants received from the state government, UGC, Planning Board, RUSA and KIIFB are audited. The tuition fee for various academic programmes, as fixed by the government, are collected and remitted in the respective head of account. Use of financial resources is coordinated and monitored by the designated Committees. The College Council, IQAC, UGC cell, Purchase committee and sub-committees monitor and manage available financial resources. Formal discussions are held at given intervals and the decisions made are communicated to the stakeholders. Thus, the institution safeguards transparency by following the sourcing of funds, planning by respective committees, filing of expenditure statements, utilization and finally a submission of the procedure for getting it monitored. Accounts of PTA are maintained and audited every month. Auditing of stock registers, College Library, department libraries and all Plan Expenditures of

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
PTA	1178400	General welfare of students

View File

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	IQAC
Administrative	Yes	AG 's office Trivandrum DCE, Trivandrum	Yes	Principal

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Support the smooth conduct of admissions Timely maintenance of public utilities Supports the students in their club activities Arrangement of the various programmes/functions of the college

6.5.3 – Development programmes for support staff (at least three)

NIL

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Establishment of a business incubation center in collaboration with KSIDC, Govt. Of Kerala Upgrading the facilities Introduction of new course Construction of new building

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2017	A training programme on Educate to Innovate - A paradigm shift in higher	27/11/2017	27/11/2017	27/11/2017	70

2017	education for both teaching and non-teaching staff.				
2017	National Seminar on Health and Wellness - The Key to your happy life	28/11/2017	28/11/2017	28/11/2017	300
2017	National seminar on Natural Hazards Management and Environmental Planning for Sustainable Development.	21/11/2017	21/11/2017	22/11/2017	110
2017	National workshop on Queer Theory - Its influence in Hindi - Malayalam literature and film.	14/11/2017	14/11/2017	15/11/2017	100
2017	National seminar on Applied Statistics and Data Analysis.	09/11/2017	09/11/2017	10/11/2017	110
2017	National Seminar on Contribution of Kerala to Tamil Literature.	26/10/2017	26/10/2017	26/10/2017	80
2017	PG Orientation Programs	08/02/2018	08/02/2018	15/03/2018	116
2017	Internal Assessment through Internals exams	01/12/2017	01/12/2017	11/12/2017	678
2018	Feedback from students	26/02/2018	26/02/2018	02/03/2018	250

2018	Meeting of CLMC (College Level)	15/02/2018	15/02/2018	15/02/2018	5

View File

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Talk on 'Legal Rights of Women' by Ms Aparna Sreekumar	31/10/2017	31/10/2017	75	25
Women's day celebration and invited talk on transgender community	08/03/2018	08/03/2018	100	50
A talk on "Defeat cancer- I can, we can" by Dr.Cherian Thampi of KIMS cancer center	08/03/2018	08/03/2018	100	50

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Encourage students to use reusable things (ink pens, steel tiffin boxes) so as to reduce the impact of plastic on environment. "Wealth from waste"-Also beautiful crafts were made using waste materials, especially plastic and e-waste materials such as CDs, keyboards etc. A national seminar on "natural hazard management and environmental planning for sustainable development" was conducted. Identifying and managing risks, vulnerability levels, and associated economic stakes on the one hand, and planning for the environmental, economic and social future of an area and its population on the other are the main areas of concern. It would thus seem appropriate to define and examine the possible link between major hazards and sustainable development.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	1
Scribes for examination	Yes	1
Physical facilities	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to	Number of initiatives	Date	Duration	Name of initiative	Issues addressed	Number of participating

	address locational advantages and disadvantages	taken to engage with and contribute to local community					students and staff
2017	Nill	1	27/02/2018	2	Life style disease awareness camp conducted by the Department of Biochemistry for the nearby residents, staff and students of our college	The camp focused on imparting awareness on diet management of life style diseases like obesity, diabetes, cancer, hypercholesterolemia, and hypertension. Informative charts were prepared by our students on nutrition and wellness were put up and expla	100
2017	Nill	1	27/02/2018	2	Visit of public as part of sasthrayan	Providing science outreach activities is a great way to gain a deeper understanding of science and its applications. It also helps to develop communication skills of	1000

| | | | | | | students. If one learns to successfully explain an aspect of science or technology t |

<div align="center">

[View File](#)

</div>

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for Students, teachers and Principal	01/06/2017	The responsibility of the principal to ensure that observance of the acts, statutes, ordinances, regulations, rules and other orders issued there under by the University authorities and Government. Teachers must report in time to duty as per the working hours prescribed and should be available in the campus unless and otherwise, they are assigned duties elsewhere. Teachers should sign the attendance register while reporting for duty. Teachers should remain in the campus till the end of the College hours. Prior written permission is required from the principal at least a day in advance while availing OD. Medical Leave will be sanctioned only for medical reasons. http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/08/code-of-conduct-2017-18.pdf

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of World environment day	05/06/2017	05/06/2017	200
Celebration of International AIDS	01/12/2017	01/12/2017	250

day			
A national workshop on queer theory-its influences in Malayalam, Hindi literature and film was conducted.	14/11/2017	15/11/2017	200
A national seminar was conducted on the contribution of kerala to tamil literature	26/10/2017	26/10/2017	200

[View File]

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Planting of saplings Reduction in the usage of plastics Environmental awareness programmes

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Science outreach programme for public and students The aim of science outreach programmes includes those events and activities whose goal is to provide opportunities for interactions between scientific community and members of the public. The activities are aimed at increasing the accessibility of scientific information to a lay audience. Screening for lifestyle diseases among general Public. To create awareness among the people about life style diseases (LSD) caused by lack of physical activity, unhealthy food habit, alcohol consumption, smoking etc. Screening helps to identify if the person is at risk of a disease that was not previously known about. This helps in the prevention and timely treatment of diseases Conducting common model examination Students does not have an idea of the pattern of the university examination especially the first semester students. In order to equip them for the exams, to get an idea of the pattern, timing, style of answering, marks allotted etc., model examination in the same pattern as the university examination conducted every semester. Support to first year students by conducting bridge course(CS) The Eligibility of the BSc Computer Science program includes Mathematics as one of the subjects in their higher secondary course. Though most of the students have studied Computer Science in their school, a few students will be admitted each year who have not studied Computer Science as one of their papers in 12th standard, since it is not mandatory. These students find it difficult to cope up with Logic development and Programming skills in the beginning of their degree. The Bridge course plays a vital role to bridge the gap caused and to help students by giving special attention to them by taking extra hours in logic development and the covering the basics of the programming language paper included in First Semester

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/07/Best-Practices-2017-18.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and

thrust in not more than 500 words

In order to promote good teaching learning process, promotion of ICT facility, various students support programmes such as Scholar support programme (SSP), Walk with scholar (WWS), Additional skill acquisition programme (ASAP), regular assessments and periodic test papers were conducted. Science outreach programme for public and students were conducted in the name "Sasthrayan", the aim of which includes those events and activities whose goal is to provide opportunities for interactions between scientific community and members of the public. The activities are aimed at increasing the accessibility of scientific information to a lay audience. This is a great opportunity for the students to prove themselves. It is also an opportunity for the common public to have a view of our educational institution, facilities in various departments and activities going on. Display of various instruments, exhibition of various science experiments by various departments, awareness camp for life style diseases, awareness regarding symptoms, causes and management of cancer, measurement of various blood group parameters of public as well as students were employed. Various models of light harvesting, waste management, water conservation etc., were also included in the exhibition. Legal awareness is essential to safeguard the rights of a women. Knowledge of law gives them the power to act judiciously. In this aspect the College organized seminars on the Legal Rights of Women to create awareness among the students, on a regular basis which were handled by experts in the respective fields. English club was started with students from different classes to improve communicative skills. One- day social service programme in association with Swach Barath Campaign was conducted, also an awareness campaign was conducted for school students about space and computer. Conduct of Seminars, workshops in different subjects were conducted.

Provide the weblink of the institution
http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/07/Institutional-distinctiveness-2017-18.pdf

8.Future Plans of Actions for Next Academic Year

 Upgrade UG departments to PG Departments. Upgrade campus facilities including the construction of the new buildings Model examination UGC-NET, PSC, Civil Service Coaching Classes Student seminar series Ensure research activities and publications Conduct national and international workshops/seminars. MSc Zoology Entrance and Medical Entrance (Zoology) Quantitative analysis of contaminants in preserved fishes (Zoology) General health awareness class for nearby Govt. School Students (BC) Microbial analysis of water or food from local sources(BT) Microbial culture facility for external research students (BT) Entrepreneurship for students – Product making and Marketing (BT) Molecular Biology – Techniques demonstration to school students and teachers (BT) Coaching material for entrance – MSc Biotechnology (BT)