



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	GOVERNMENT COLLEGE, KARIAVATTOM, THIRUVANTHAPURAM, KERALA
Name of the head of the Institution	Dr. B. Unnikrishnan Nair
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.	04172417112
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/AOAR-2018-19.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/25/2021/10/academic_calendar1.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	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
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7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Meeting of Internal Quality Assurance Cell (IQAC)	11-Jul-2019 1	15
Meeting of Internal Quality Assurance Cell (IQAC)	22-Jul-2019 1	16
Meeting of Internal Quality Assurance Cell (IQAC)	27-Aug-2019 1	12
Meeting of Internal Quality Assurance Cell (IQAC)	28-Oct-2019 1	15
Meeting of Internal Quality Assurance Cell (IQAC)	10-Jan-2020 1	18
Meeting of Internal Quality Assurance Cell (IQAC)	28-May-2020 1	13
Meeting of CLMC (College Level Monitoring Committee)	01-Jul-2019 1	9
Meeting of CLMC (College Level Monitoring Committee)	03-Jul-2019 1	8
Meeting of CLMC (College Level Monitoring Committee)	30-Aug-2019 1	8
Meeting of CLMC (College Level Monitoring Committee)	27-Sep-2019 1	8
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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	Govt. of Kerala	2019 365	12164169
Institution	Non plan Fund	Govt. of Kerala	2019 365	684602
Institution	Construction & Maintenance	Govt. of Kerala	2019 365	6069000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC	View File
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	View File
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)	
Sustenance and enhancement of quality education: IQAC promoted good teaching and learning process by encouraging the conduct of ICT enabled classes, Internal Examinations, Analysis of feedback from students, Result analysis, mentoring through WWS/SSP, conduct of PG entrance coaching, preparation of Question banks for all semesters.	
Promoting Extension activities: In association with NSS, NCC, various departments and clubs, IQAC has initiated several extension activities including awareness camps, Mobile based Asset Mapping, blood donation camps, Cleaning Public places.	
Promoting Faculty Research Activities: Six faculties are doing PhD, three were awarded Ph.D degree, Four are Research guides, and two PhDs are produced by Faculties of the Institute. Eleven manuscripts and four book chapters (in total) were published by faculties from various Departments of the college. Faculties made four paper presentation in International Conferences and three presentations in National Seminars. Four faculties were Resource persons in International/National/State level seminars.	
Conducting Seminars: National Seminar on Advances in Physics by Department of Physics, Workshop On Linear Algebra and Functional Analysis by Department of Mathematics, Seminar on Solar Eclipse by Department of Physics in association with IUCLAM, CUSAT and ICARD, Department of Physics, CUSAT. National seminar on the topic "Terrain Analysis and Developmental Planning: A Kerala Perspective" by Department of Geography.	
Student development activities: Students Seminar series was initiated and students from each department presented on a particular topic. College was registered for the YIP program under the Kerala Development and innovation and strategy council (K DISC). Started Information point for students to find or exhibit recent science information.	
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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	Achievements/Outcomes
To Promote of good teaching - learning process	<ul style="list-style-type: none"> • IQAC promoted the conduct of ICT enabled classes, Internal Examinations, Analysis of feedback from students, Result analysis, mentoring through WWS/SSP, conduct of PG entrance coaching, preparation of Question banks for all semesters. We have University Rank holders in the Department of Geography, Biotechnology, Biochemistry, Computer Science and Statistics. 77 students sought admission to Post graduate courses.
To encourage Faculty participation in other academic activities	<p>Activities related to curriculum development and assessment of the affiliating Universities:</p> <ul style="list-style-type: none"> • 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 • Syndicate Member, University of Kerala <p>Activities related to other academic bodies:</p> <ul style="list-style-type: none"> • Faculties of various departments worked as • Member, Board of Higher Secondary Examination • Question paper setter, Kerala PSC • Subject experts, Kerala PSC
To promote Research activities among faculties	<ul style="list-style-type: none"> • Six faculties are registered for PhD, three are awarded Ph.D degree Four are Research guides, and two PhDs are produced by Faculties of the Institute. • Eleven manuscripts and four book chapters (in total) were published by faculties from various Departments of the college. • Faculties made four paper presentation in International Conferences and three presentations in National Seminars. • Four faculties were Resource persons in International/National/State level seminars.
To promote faculties to faculty development programs	<ul style="list-style-type: none"> • Five faculties attended refresher course, nine attended Short term course, three attended Orientation course.
To Enhance Laboratory Facilities	<ul style="list-style-type: none"> • Lab equipments/chemical/biochemical was purchased as per requirement.

To enhance library	<ul style="list-style-type: none"> • 622 Books and 26 journals were purchased as per requirement. College has subscription for journals in N-LIST
To initiate conduct of Seminars and generate Research interest among students	<ul style="list-style-type: none"> • Three Seminars were conducted (By Dept. Of Physics, Computer Science and Geography). • Students Seminar series was initiated and conducted. Students from each department presented on a particular topic. • Dept of Chemistry participated in JNCASR-FCBS workshop and CONTECH 2019-20. Dept. Of Geography participated in Open House Program of VSSC. • College was registered for the YIP program under the Kerala Development and innovation and strategy council (K DISC). • Started Information point for students to find or exhibit recent science information. • Conducted motivational trip to KUFOS, Cochin and Cochin University of Science and Technology as part of WWS. • Students visited CSIR-NIIST.
To initiate Extension activities	<ul style="list-style-type: none"> • Extension activities were conducted in association with NSS/NCC/College Union. • Faculty of Physical Education served as ? Selector of Archery team, Aquatics team, Cricket team, Base ball team, Kho-kho team and Rugby team of Kerala University ? Technical Official of Kerala University Athlet Meet. ? Sub convener of South zone intercollegiate Cricket and Inter zone Roll ball. ? Convener of Trivandrum district individual chess championship.
To promote Students welfare activities	<ul style="list-style-type: none"> • NSS and Anti Narcotic cell conducted seminar on Anti-Drug Campaign and anti drug awareness program. • Ant-Ragging cell conducted awareness program. Posters and boards were displayed on common notice boards. • Women's cell: Conducted talk on menstrual hygiene management by Dr. Shobha Mathew, Branch Manager, Family Planning Association of India.
To observe special days	<ul style="list-style-type: none"> • Observed Independence day, Republic day, NSS Golden Jubilee day and Birth anniversary of Mahathma Gandhi, Hiroshima Day, Ozone day, World Soil Day, World Environment Day, World population day, Constitution day
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14. Whether AQAR was placed before statutory body ?	Yes
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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	2020
Date of Submission	26-Feb-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<ul style="list-style-type: none"> • Teaching and non teaching staff follows Biometric Attendance 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 Office makes all official Communications with Directorate of Collegiate Education, and Government colleges throughout the state through Digital Document Filing System (DDFS). • 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 Intergrated 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

Institutional mechanism for curriculum planning and implementation 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	Professional Diploma in Enterprise Network Engineering (PDENE)	15/09/2019	365	Computer Hardware, network administration, Window Linux Network, administration, Wan administration	Computer Hardware, network administration, Window Linux Network, administration, Wan administration
Nil	Professional Diploma in	15/09/2019	365	Computer Hardware, Laptop ,	Computer Hardware, Laptop ,

	Fibre Optical Digital Security System(PDFDS)			Chiplevel	Chiplevel
Nil	Professional Diploma in Industrial Instrumentation on Fire and Safety (PDIFS)	15/09/2019	365	Automation engineering, Industrial Instrumentation, Fire Safety	Automation engineering, Industrial Instrumentation, Fire Safety
Nil	Professional Diploma in Industrial Electrical engineering (PDIE)	15/09/2019	365	Electrical wireman, Electrical technician	Electrical wireman, Electrical technician
Nil	Professional Diploma in Shipping Logistics (PDSL)	15/09/2019	365	Warehousing Inventory, Management, Distribution Management, Shipping etc.	Warehousing Inventory, Management, Distribution Management, Shipping etc.
Nil	Professional Diploma in Civil Engineering (PDCCE)	15/09/2019	365	Construction, CAD, Survey, Total Station	Construction, CAD, Survey, Total Station
Nil	Professional Diploma in Interior Architectural Design(PDIAD)	15/09/2019	365	Interior Designing ,Revit Architecture	Interior Designing ,Revit Architecture
Certificate Course in Meeting Conference and Event Planner	Nil	01/01/2020	180	Focus on Event Planning	Focus on Event Planning
Test Enginner	Nil	01/01/2020	180	Developing software testing skills	Developing software testing skills
Certificate Course in Junior Corre	Nil	01/01/2020	180	Developing skills in writing, interviewing	Developing skills in writing, interviewing

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and building and building
contacts contacts**1.2 – Academic Flexibility**

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
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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	01/06/2019
BSc	Biotechnology	01/06/2019
BSc	Chemistry & Industrial Chemistry	01/06/2019
BSc	Computer Science	01/06/2019
BSc	Geography	01/06/2019
BSc	Physics and Computer Applications	01/06/2019
BSc	Statistics	01/06/2019

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

	Certificate	Diploma Course
Number of Students	28	71

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	Nil	Nil
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Biochemistry	41
BSc	Biotechnology	20
BSc	Chemistry and Industrial Chemistry	28
BSc	Computer Science	29
BSc	Geography	31
BSc	Physics and Computer Applications	31
BSc	Statistics	39
BSc	Students of the College	100

MSc	Physics	11
MSc	Mathematics	12
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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 emphasising thirteen criteria. Subject knowledge of nearly 90 of teachers is rated excellent by students. The communication skills, is also excellent for more than 96 of teachers. On an average, 90 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 and they also feel that teachers help students a lot to clarify the doubts. Comparatively less percentage of teachers only succeeds in maintaining discipline in the class. But more than 90 of teachers prospers in keeping a good relationship with students. The teachers are regular and they 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. However, more than 99 of teachers step down to students' level to make concepts understandable. Yet, students feel that only 82 percentage of teachers motivate students for extra curricular activities and they nearly 82 of teachers Establish a good relationship with parents. Feedback was collected from Teachers with respect to five criteria. On an average nearly 99 of teachers have rated the curriculum to be outstanding and the rest 1 very good. When 95 of teachers found the academic environment to be excellent, 3 suggested improvement. Only 85 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 99 and none was dissatisfied by its functioning. Though most of the teachers were satisfied with conventional teaching, only 78 was satisfied with 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, present designation and accessibility of the college. More than 90 of the alumni rated the course they did in this institution to be excellent for their future and an ample number of students feel the college to be quite accessible and they keep interactions with college and even with faculty. Teachers often communicate with parents and discuss the progress and attendance of students with them. Regular PTA meetings are conducted and it helps to develop a good rapport between the students, parents and teachers. General body meetings are also conducted and PTA is formed with parent representations. 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
BSc	Biochemistry	32	3296	36
BSc	Biotechnology	24	6052	28
BSc	Chemistry and Industrial Chemistry	24	1896	30
BSc	Computer Science	24	3898	35
BSc	Geography	24	2707	34
BSc	Physics with Computer Application	24	1847	32
BSc	Statistics	32	1243	36
MSc	Physics	8	984	14
MSc	Mathematics	12	764	12

[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
2019	694	47	44	6	7

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
58	39	32	18	1	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

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 tutors for each class.

The tutors are further monitored by HOD. 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 began from 2017-18 AY onwards where a faculty in charge will act as the mentor for the entry level learners at the institution. Each mentor faculty was assigned with 15/16 mentees to act as their advisor and supporter till the entire duration of their course. The college is an active participant in various learning and skill acquisition programmes like Student support programme (SSP), Walk with a Scholar (WWS) and Additional skill acquisition programme (ASAP). Under the SSP scheme, students who need some additional learning support are identified and given special care in the concerned subject by the selected SSP faculties of this college. Skill based education plays a major role in enhancing the confidence of students. Recognizing this, special training for SSP students are given in IT skills, life skills, learning skills etc. These sessions are handled by skill development executives identified by the Govt/industry, before/after the normal working hours of the college and also in Saturdays. Our college makes available classrooms with computer and LCD facilities for the conduct of classes. Apart from this employment enhancibility programs are conducted for the students to enable them to face an interview and also help them to find a career of their own after completion of degree. Special training camps are conducted every often for the internal mentors. WWS has been designed to arrange specialized mentoring programmes for undergraduate students to provide guidance for their splendid career. The scheme introduces the 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. Various dignitaries on their expertised domains interact with the talented students. Other highlights of this programme are motivational camp for students, conducting mock interviews and debates for competitive examinations and campus visits. ASAP is also conducted in a good way in our college. Specially designed ASAP curriculum imparts confidence in the student by improving the communication and information technology skills of the student. Training in skills of selected areas of the industry and service sectors are provided for the student, for example, test engineering, food and beverages etc. Module related to the skill sectors are chosen by the student. All the above programmes are intended to equip students with new opportunities and face new challenges in life. These programmes also give positive energy to the students to dream for a better career.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
741	57	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
56	44	12	12	25

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
2019	Nil	Nil	Nil
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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	320	3	06/11/2019	22/05/2020

BSc	320	1	29/11/2019	05/11/2020
BSc	350	6	10/06/2020	16/09/2020
BSc	350	5	30/12/2019	14/08/2020
BSc	350	3	08/11/2019	22/05/2020
BSc	350	1	02/12/2019	06/11/2020
BSc	238	1	04/12/2020	30/10/2020
BSc	238	3	08/11/2019	21/05/2020
BSc	238	5	21/01/2020	23/06/2020
BSc	238	6	08/06/2020	27/08/2020

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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 especially focussing on the entry level learners in the institution a model exam in the same pattern as of university exam is conducted to make them acquainted with original evaluation process at the end semesters. Surprise tests and quizzes are also periodically conducted by the department to ensure the regular involvement of students in classes. All the processes are done with the consultation of CLMC. Attendance of the students are also monitored regularly and updated to CLMC by respective departments. Besides the mentors under the mentor- mentee system monitors the performance of their student regularly and support when situation demands. Also the tutorial records are maintained by respective departments to check the growth of the learner.

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 centralized valuation camp.

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/25/2021/08/ProgrammeOutcome2019_20.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
620	MSc	Mathematics	12	7	58.30
630	MSc	Physics	11	8	72.70
225	BSc	Statistics	39	27	69.20

328	BSc	Physics with computer application	31	22	71.00
205	BSc	Geography	32	29	90.60
320	BSc	Computer Science	29	26	89.65
241	BSc	Chemistry and Industrial chemistry	28	17	60.70
350	BSc	Biotechnology	32	31	96.87
238	BSc	Biochemistry	41	37	90.24
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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/SSS2019_20.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
Nil	0	Nil	0	0
View File				

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- Advances in Physics	Department of Physics	21/11/2019
Workshop On Linear Algebra and Functional Analysis	Mathematics	11/11/2019
NATIONAL SEMINAR: "MACHINE LEARNING – REVOLUTIONISING EVERYDAY LIFE"	COMPUTER SCIENCE	28/11/2019
NATIONAL SEMINAR: "TERRAIN ANALYSIS AND DEVELOPMENTAL PLANNING- A KERALA PERSPECTIVE"	DEPARTMENT OF GEOGRAPHY	04/12/2019
Three Day Residential	Center for Gandian	01/11/2019

National Seminar on Gandhian Secularism in Contemporary Society	Studies	
SEMINAR SERIES	ACADEMIC PROGRAM COMMITTEE AND IQAC	01/11/2019

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	Nil	Nil
View File				

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
0	Nil

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)
National	Geography	1	0
International	Physics	1	2.47
International	Computer Science	1	0
International	Computer Science	1	0
International	Computer Science	1	0.2
International	Computer Science	1	0
International	Computer Science	1	0
International	Computer Science	1	3.8
National	Geography	1	0
National	Geography	1	0
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
Biochemistry	2
Physics	1
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
Prospects of inland waterways in urban public transport of Kochi city, Kerala	Mereena C.S And Dr .T.K.Prasad	CLIO, Annual Interdisciplinary Journal of History	2020	0	Govt College Kariavattom	Nil
Functional Behaviour of Urban Centres: A Geographical Analysis of Kannur District, Kerala	Shimod K.P, Dr.Jaypal G And Dr.Prasad T.K	Thematics Journal of Geography	2019	0	Govt College Kariavattom	Nil
Landscape analysis for watershed based planning, A study on Peruvamba river basin of Kerala	Abhilash T.K . Dr.Jaypal G and Dr.Prasad T.K.	Thematics Journal of Geography	2019	0	Govt College Kariavattom	Nil
Foiling keylogger attacks using virtual onscreen keyboard	Jayalekshmi K.S	International Journal of Computer Sciences and engineering	2019	0	Government College Kariavattom	Nil
Fault Predictions Of A Constrained Complex System Using 1d And 2dcellular	Priya R	Science, Technology and Development	2019	0	Government College Kariavattom	Nil

Automata - A Comparison						
Highly ordered good crystalline ZnO-doped WO ₃ thin films suitable for optoelectronic applications	V S Kavitha, R. Jolly Bose, R. Sreeja, Radhakrishna prabhu and V P Mahadevan Pillai	JOM, The Minerals, Metals Materials Society, Springer,	2019	0	University of Kerala	Nil
A Logistic Regression with Recursive Feature Elimination Model for Breast Cancer Diagnosis	Tina Elizabeth Mathew	International Journal on Emerging Technologies	2020	4	Government College Kariavattom	3
Simple and Ensemble Decision Tree Classifier based detection of Breast Cancer	Tina Elizabeth Mathew	International Journal of Scientific and Technology Research	2019	2	Government College Kariavattom	1
Breast Cancer Diagnosis using Stacking and Voting Ensemble models with Bayesian Methods as Base Classifiers	Tina Elizabeth Mathew	Science Technology and Development Multidisciplinary Journal	2019	0	Government College Kariavattom	Nil
A Comparative Study of the Performance of Different Support Vector	Tina Elizabeth Mathew	International Journal Of Information And Computing Science	2019	1	Government College Kariavattom	Nil

Machine Kernels in Breast Cancer Diagnosis						
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 excluding self citation	Institutional affiliation as mentioned in the publication
Core metabolic features and hot origin of Bathyarchaeota	Xiaoyuan Feng, Yinzhao Wang, Raghul Subin S, Fengping Wang	Engineering	2019	45	13	Shanghai Jiao Tong University, Shanghai 200240, China
A Logistic Regression with Recursive Feature Elimination Model for Breast Cancer Diagnosis,	Tina Elizabeth Mathew	International Journal on Emerging Technologies	2020	6	3	Govt College Kariavattom
Simple and Ensemble Decision Tree Classifier based detection of Breast Cancer	Tina Elizabeth Mathew	International Journal of Scientific and Technology Research, ISSN 2277-8616	2019	18	1	Govt College Kariavattom
Breast Cancer Diagnosis using Stacking and Voting Ensemble models with Bayesian Methods as Base Classifiers	Tina Elizabeth Mathew	Science Technology and Development Multidisciplinary Journal ISSN 0950-0707	2019	6	Nil	Govt College Kariavattom
A Compar	Tina	Internat	2019	Nil	Nil	Govt

ative Study of the Perfor mance of Different Support Vector Machine Kernels in Breast Cancer Diagnosis	Elizabeth Mathew	ional Journal Of Informatio n And Computing Science ISSN NO: 0972-1347				College Ka riavattom
Foiling keylogger attacks using virtual onscreen keyboard	Jayaleks hmi K.S	Internat ional Journal of Computer Sciences and engine ering	2019	Nil	Nil	Govt College Ka riavattom
Fault Pr edictions Of A Const rained Complex System Using 1d And 2dcellular Automata - A Comparison	Priya R	Science, Technology and Develo pment	2019	6	Nil	Govt College Ka riavattom
Prospects of inland waterways in urban public	Mereena C.S And Dr .T.K.Prasa d	CLIO, Annual Int erdiscipli nary Journal of History	2020	Nil	Nil	Govt College Ka riavattom
Functional Behaviour of Urban Centres: A Geographic al Analysis of Kannur District, Kerala	Shimod K.P, Dr.Jaypal G And Dr.Prasad T.K	Thematics Journal of Geography	2019	Nil	Nil	Govt College Ka riavattom
Landscape analysis for watershed based planning, A study on	Abhilash T.K . Dr.Jaypal G and Dr.Prasad T.K.	Thematics Journal of Geography	2019	Nil	Nil	Govt College Ka riavattom

Peruvamba
river
basin of
Kerala

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	99	2	Nil
Presented papers	5	6	Nil	Nil
Resource persons	Nil	4	Nil	Nil

[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
ENVIRONMENT DAY CELEBRATIONS 2016 on 05 June 2016 - - More than 500 students participated in this event. Campus Cleaning and beautification and planting of tree sapling were carried out. The plants around the campus was taxonomically identified and p	NSS UNIT 17 AB, Bhumitra nature Club GCK, PTA, GCK and College Union GCK in association with KSCSTE, Government of Kerala.	2	500
MOTIVATIONAL TALK organized by ALUMNI ASSOCIATION, GOVERNMENT COLLEGE KARIAVATTOM AND YOUNG INDIANS ASSOCIATION AT SEMINAR HALL, GOVERNMENT COLLEGE KARIAVATTOM on 11/02/2017	ALUMNI ASSOCIATION, GOVERNMENT COLLEGE KARIAVATTOM AND YOUNG INDIANS ASSOCIATION	2	300
MERIT DAY CELEBRATIONS AND STONE LAYING FUNCTION FOR NEW AUDITORIUM ON	PTA, GCK and Faculties of GCK	12	600

03/01/2017			
Republic Day Celebrations 2016	NCC Unit, GCK , PTA, GCK and Faculties of GCK	1	50
Selector of Kerala University Team- Boxing- Men and Women	Department of Physical Education, GCK	1	100
Selector of Kerala University Team- Football- Men	Department of Physical Education, GCK	1	200
Sub Convener for the conductance of InterZone Boxing- Men, Inter Zone Boxing Female, Inter Zone Kho Kho Men	Department of Physical Education, GCK	1	200
Public Place Cleaning and Beautification: Cleaning and Beautification of the premises of Kerala University College of Teacher Education, Kariavattom. Planting of banana sapling and other agricultural activities in the surrounding areas of the campus.	NSS Unit 17 AB, GCK, and Kerala University College of Teacher Education, Kariavattom	2	100
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	Nil
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 activities	Number of students participated in such activities
AIDS DAY CELEBRATIONS 2016	NSS UNIT 17 A B, Government College Kariavattom	AIDS AWARENESS	3	200
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	Dr. 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	Direct growth of MnO ₂ nanosheets over flexible carbon cloth for electrochemical energy storage.	Department of Physics, University of Kerala, Kariavattom Campus	02/01/2020	30/03/2020	1
Students Project Work	Natural Rubber derived Multifunctional Carbon dots	Department of Physics, University of Kerala, Kariavattom Campus	02/01/2020	30/03/2020	1
Students Project Work	Phytochemical analysis of octimum tenuiflorum and Emilia sonchifolia	NSS College, Nilamel	02/01/2020	30/03/2020	1
Students Project Work	Green synthesis of biocompatible carbon dots using aqueous extract of mung bean (Vigna radiata) and its luminescence studies	Department of Physics, University of Kerala, Kariavattom Campus	02/01/2020	30/03/2020	1
Students Project Work	Wine testing	KELTRON	02/01/2020	30/03/2020	4

	using Machine learning and AI				
Students Project Work	Cancer Prediction System	KELTRON	02/01/2020	30/03/2020	4
Students Project Work	IOT based Ambulance Monitoring	IHRD Regional Centre Trivandrum	02/01/2020	30/03/2020	4
Students Project Work	Face recognition based Attendance System	Iconads Technologies, Kollam	02/01/2020	30/03/2020	5
Students Project Work	Medi Health Care	Acumen Global, Trivandrum	02/01/2020	30/03/2020	4
Students Project Work	Finger Print based online voting system	IHRD, Regional Centre, Trivandrum	02/01/2020	30/03/2020	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	Nil	Nil	Nil
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
17188465	11070836

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing

Video Centre	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 partially)	Version	Year of automation
BOOKMAGIC	Partially	Version 4.0	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19652	6358484	608	226980	20260	6585464
Reference Books	313	992043	14	39727	327	1031770
e-Books	Nill	Nill	10809	5900	10809	5900
Journals	10	4038	38	7052	48	11090
e-Journals	Nill	Nill	6069	5900	6069	5900
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
Dr. Jolly Bose R.	Fermi Dirac distribution -Temperature dependance	https://youtu.be/z8QAvGEF6Ao	25/03/2020
Dr. Jolly Bose R.	Electronic heat capacity - Heat capacity of electron gas	https://youtu.be/GV_HPc4z5l0	26/03/2020
Dr. Jolly Bose R.	Band theory of solids - Bloch theorem	https://youtu.be/buknscRwhlU	30/03/2020
Dr. Jolly Bose R.	Kronig Penney Model -Part I	https://youtu.be/q7QvfHVLDT0	01/04/2020
Dr. Jolly Bose R.	Kronig Penney Model - Part II	https://youtu.be/-ndubFtVhQU	01/04/2020
Dr. Jolly Bose R.	Semiconductors - Part I- Classification of materials based on band theory	https://youtu.be/yAu62NjHJvg	24/04/2020

Dr. Jolly Bose R.	Semiconductors - Part II - Equation of motion of electron in energy band and effective mass	https://youtu.be/1_tReMgSvU0	24/04/2020
Dr. Jolly Bose R.	Semiconductors - Part III - Intrinsic carrier concentration - Law of mass action	https://youtu.be/1dErUULc_dg	29/04/2020
Dr. Jolly Bose R.	Superconductors - London equation	https://youtu.be/QPH3XiNWVsk	17/05/2020
Dr. Jolly Bose R.	Flux quantization in superconductors	https://youtu.be/hob6CCbpNAE	20/05/2020
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	92	4	50	0	0	1	13	10	2
Added	0	0	11	0	0	0	0	0	0
Total	92	4	61	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 incurred on maintenance of physical facilities
172038	172038	355673	355673

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	0	0	0
Financial Support from Other Sources			
a) National	Suvarna Jubilee, State Merit, District Merit, Sanskrit, CH Muhammed Koya, Higher Education, Snehapoorvam, Central sector Scheme, Post matric Scholarship, Post	123	1231750

	matric Scholarship Disabilities, Aspire		
b)International	0	Nil	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
Coaching camp Football (30 days)	19/08/2019	16	(PLAN FUND -2019-20)
Coaching camp Kho kho (30 days)	30/08/2019	12	(PLAN FUND -2019-20)
Coaching camp Roll ball (30 days)	01/11/2019	12	(PLAN FUND -2019-20)
Coaching camp CHESS (30 DAYS)	02/09/2019	12	Govt. of Kerala
Preparation for Civil Service examinations	30/08/2019	101	University Employment Information and Guidance Bureau, Students Centre, University of Kerala
Jeevani (Counselling Centre)	02/09/2019	36	Govt. College, Kariavattom
Bridge Course	02/09/2019	9	Department of Computer Science
Additional Skill Acquisition Programme	02/09/2019	50	Department of collegiate education, Kerala
Walk with Scholar	02/09/2019	90	Department of collegiate education, Kerala
Scholar support programme	01/11/2019	130	Department of collegiate education, Kerala
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 passed in the comp. exam	Number of students placed
2019	ASAP	50	Nil	Nil	Nil
2019	SSP	150	Nil	71	Nil

2019	PG Entrance Orientation Programmes	23	Nil	17	Nil
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	9

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Nil	Nil	Nil	Nil	Nil	Nil
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	2	B.Sc	Biotechnology	Madurai Kamaraj University	MSc Biotechnology
2020	3	B.Sc	Biochemistry	University of Calicut	MSc Biochemistry
2020	1	B.Sc	Biochemistry	University of Madras	MSc Biochemistry
2020	1	B.Sc	Biochemistry	SCTIMST, KERLA	PG Diploma in Blood Banking Technology
2020	1	B.Sc	Biochemistry	Central Uty Kerala	MSc Biochemistry
2020	1	B.Sc	Biochemistry	MG University	MSc Biochemistry
2020	2	B.Sc	Biochemistry	St Berchmann's College	MSc Biochemistry
2020	1	B.Sc	Biochemistry	PG Diploma in Blood Banking Technology	PG Diploma
2020	1	B.Sc	Biochemistry	Pondicherry University	MSc Biochemistry

2020	9	B.Sc	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
Nil	Nil
View File	

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

Activity	Level	Number of Participants
3rd Position in Quiz	University level	2
2nd position in Tamil Poetry Writing	University level	1
First position in Essay Writing	University level	1
3rd position in Short Story Writing (English)	University level	1
Kerala University Youth Festival	University level	5000
Organized jointly with Trivandrum District Chess Association District Individual Chess Championship (boys and girls below 17 years)	District level	130
Intercollegiate South zone Cricket Championship (Men)	University level	900
Intercollegiate Roll ball (Men Women)	University level	170
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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	8th Fujairah open international Taekwondo Championship 2020	International	Nil	Nil	24119108001	Adeep Mohammed S
2019	All India Inter University	National	1	Nil	24119108001	Adeep Mohammed S

	Taekwondo third position					
2019	16th Senior Roll Ball National C hampionshi p	National	Nill	Nill	32817108 017	Sruthy P
2019	Third Youth Womens National Boxing Cha mpionship	National	Nill	Nill	35018108 011	Krishna Preethi B S
2019	All India Inter University Boxing Women Cham pionship	National	Nill	Nill	35018108 011	Krishna Preethi B S
2019	South Zone Inter University Chess Women Tournament	National	Nill	Nill	35017108 007	Aparna M A
2019	South Zone Inter University Chess Men Tournament	National	Nill	Nill	63018108 006	Midhun Krishnan M A
2019	All India Inte runiversit y Roll ball	National	Nill	Nill	32018108 021	Deepak krishna
2019	All India Inte runiversit y Roll ball	National	Nill	Nill	22517108 042	Hima K S
2019	All India Inte runiversit y Roll ball	National	Nill	Nill	32817108 017	Sruthy P
View File						

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

College Union has started its triumphant procession on 7th December 2019. The union was inaugurated by Shri Sheri Govind, famous Malayalam movie director and

National Award Winner. The union has worked with an aim of nurturing the creative and academic skills of our students. As the first program union has organized a seminar on the topic "Sustainable Mensuration" in collaboration with "Bring Back Green" organization. We have prepared a list of our students for voluntary blood donations and making blood available to hospitals including Government Medical College, Trivandrum, when necessary. Christmas fest was conducted on 18th and 19th December in which students participated with great excitement. To encourage the artistic talents of students Arts Fest was conducted on 6, 7, 10, 11th of February 2020. Our college had an opportunity to host the Kerala University Youth Festival of 2019. Our students actively participated in the fest. Some of our students could acquire first and second position in the competitive items in the youth festival.. We collected food parcel from students once in three months and distributed them to patients in Medical College Hospital. With the advent of the pandemic, colleges get closed and online classes began. Under the leadership of Union facilities were set up for the students who had difficulty in attending online classes. When the college was reopened after lockdown Union has arranged sanitizer machine for students and disinfected the college.

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) :

5200

5.4.4 – Meetings/activities organized by Alumni Association :

Office bearers of Alumni Association of Government College Kariavattom 2017-18 which was elected from general body meeting held on 13/10/2017. President- Dr. Anu S Nair (currently Deputy Collector, District Collectorate, Thiruvananthapuram 2003 passout from Department of Physics and Computer Application) General Secretary- Mr. Anzar Azad (currently Managing Director, ACT Pvt. Limited, Thiruvananthapuram 2001 passout from Department of Industrial Chemistry) Other Executive Members: Amal Vijay, Rakesh S, GiriLal, Unnikrishnan Haridas, Akhil, Aravind, Vishnu, Sajekar, Ajay Muraleedaran. The members of Alumni were utilised for giving talks to special camp 2019-20 of NSS unit, Government College Kariavattom. Dr. Sarun Savith (Asst Professor, University of Kalady and Alumni, Government College Kariavattom) deliver talk on DISASTER MANAGEMENT on 23 December 2019. Alumni members were given their contribution in personally in the collection of relief funds and relief material collection organised by Government College Kariavattom during floods August 2019. A representative of Alumni Association serving as member in meetings of all the developmental activities of the College and also in Silver Jubilee Committee during the academic year. Social Media Platform like whatsapp group is created for communication between Alumni members which mainly aim 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
Admission of Students	Done by the institution as per the rank list provided by the University of Kerala through a centralized admission portal.
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.
Human Resource Management	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
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.

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.

Examination and Evaluation

End Semester Examinations are conducted by the affiliating University. College conducts internal 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.

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.
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.

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

E-governance area	Details
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 results are also declared online.
Planning and Development	The Planning and Development section is partially computerized.
Administration	The Administrative procedure is partially computerized.

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
2019	NIL	NIL	NIL	Nil
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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	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
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	organised for teaching staff	organised for non-teaching staff				
2019	NIL	Training on E-Grantz	04/07/2019	04/07/2019	Nil	1
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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
Short Term Course	2	29/10/2019	04/11/2019	7
Short Term Course	3	25/09/2019	01/10/2019	7
Short Term Course	1	23/07/2019	29/07/2019	7
Short Term Course	1	04/07/2019	10/07/2019	7
Orientation Programme	2	16/10/2019	05/11/2019	21
Refresher Course by UGC-HRDC	1	21/11/2019	04/12/2019	14
Refresher Course by UGC-HRDC	1	14/10/2019	26/10/2019	13
Refresher Course by UGC-HRDC	1	16/09/2019	27/09/2019	12
Refresher Course by UGC-HRDC	1	11/07/2019	24/07/2019	14
Refresher Course by UGC-HRDC	1	09/07/2019	22/07/2019	14
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
1	8	3	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Various schemes provided by the	Various schemes provided by the	KPCR/SC/ST/Minority Fee concessions and e-grants

Government of Kerala - Maternity leave, Loans, Festival Allowances, State Life Insurance, Group Insurance Scheme, General Provident Fund, etc as per KSR/KER rules.

Government of Kerala - Maternity leave, Loans, Festival Allowances, State Life Insurance, Group Insurance Scheme, General Provident Fund, etc as per KSR/KER rules.

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.

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	626453	General purpose for the 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	NIL	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
2019	National Seminar on Relevance of Gandhian Secularism in contemporary society	01/11/2019	01/11/2019	03/11/2019	215
2019	National Seminar on Advances in Physics (NSAP-2019)	21/11/2019	21/11/2019	22/11/2019	175
2019	National Seminar on Machine learning	28/11/2019	28/11/2019	29/11/2019	168
2019	National seminar on Terrain analysis and developmental planning: A Kerala perspective	04/12/2019	04/12/2019	04/12/2019	82
2019	Workshop Series on Linear Algebra and Functional Analysis	11/11/2019	11/11/2019	22/12/2019	120
2019	Monthly Student seminar series	26/06/2019	26/06/2019	10/03/2020	358
2019	Meeting of CLMC (College Level Monitoring	01/11/2019	01/11/2019	01/11/2019	10

	Committee)				
2020	Feedback from students	24/02/2020	24/02/2020	28/02/2020	310
2019	General PTA	16/01/2020	16/01/2020	16/01/2020	44
2020	PG Orientation Programs	12/02/2020	12/02/2020	26/02/2020	88
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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 MENSTRUAL HYGIENE MANAGEMENT (MHM)	10/10/2020	10/10/2020	100	20

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
<p>The Institution strictly follows green protocol while conducting seminars. The college does not encourage the use of plastic flex banners. Encourage students to use reusable things (ink pens, steel tiffin boxes) to reduce the impact of plastic on the environment. The students are advised to not bring plastic in the college to make campus plastic free. The students of the department conduct an awareness programme regarding the non-burning of plastic as a part of reducing atmospheric carbon level. The trees surrounding the college contribute to effecting carbon neutrality. As far as possible, students and staff avail public transport facility. The college has a proper waste processing system which generates manure for the plants and garden in the campus. We have the culture of using energy in a thrifty manner that all the unnecessary connections are disconnected after the class hours and during holidays. Our office monitors that no lights, fans or air conditioners work during off hours and thus we reduce our electricity consumption. E waste managed by arranging the distributors themselves to take back our irreparable electronic commodities to be recycled or processed professionally. Many seminars, debates, campaign programs were conducted based on the theme "Rebuild Kerala". Trees are planted in the college campus under social forestry activities by the students of our department.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

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

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	10/08/2019	4	Flood relief activities	Financial crisis , essential need of people in flood affected areas	300
2019	1	1	02/10/2019	1	Cleaning the premises of kazhakootam Railway station and railway track	Environmental consciousness	34
2019	1	1	04/10/2019	35	Organised Kerala University intercollegiate Cricket championship	Importance to sports and games	500
2019	1	1	10/10/2019	1	Blood donation camp	Social commitment	300
2019	1	1	22/12/2019	2	Survey on antidrug/alcohol awareness programme	Social awareness	36
2019	1	1	14/11/2019	1	Childrens day programme at Govt tribal school Kunnamthala .Distribution	Social commitment	25

					te study material and sports material		
2019	1	1	20/12/2019	3	Public place cleaning-Govt LPS Chenkkottukonam	Social commitment	50
2020	1	1	18/01/2020	1	Organised Trivandrum District Inter school Chess championship	Promotion of sports and games	100
2020	1	1	25/01/2020	1	Oriental and class support programme	Supporting slow learners	42
2020	1	1	24/02/2020	2	Kerala University roll ball men and women	Promotion of sports and games	450
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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 principal and teaching staff	03/06/2019	The institution follows the code of conduct of the governing body. The code of conduct for teaching staff is conveyed through meetings conducted by Principal. The principal ensures that teaching staff and students follow them properly.
code of conduct for students	03/06/2019	Code of conduct for students is displayed in the notice board of the college campus. Students should maintain punctuality, regularity, carry identity cards on a regular basis, refrain from ragging, refrain

from damaging college properties, access college notice board for latest updates etc. <http://govtc.collegekariavattom.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
Republic day celebration	26/01/2020	26/01/2020	50
Environmental day celebration	05/06/2019	05/06/2019	200
International yoga day	21/06/2019	21/06/2019	100
World skill day celebration	19/07/2019	19/07/2019	120
Hiroshima day celebration	06/08/2019	06/08/2019	56
Independence Day celebration	15/08/2019	15/08/2019	50
Ozone day celebration	16/09/2019	16/09/2019	60
150 th birth anniversary of Gandhiji	02/02/2020	04/02/2020	200
Antidrug awareness Pledge	09/10/2019	09/10/2019	200
World soil day celebration	05/12/2019	05/12/2019	40
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Planting of sapling Campus cleaning Setting up of flower garden Students are directed to use steel lunch box and avoid plastic Conducted Awareness Rally in association with Swatchatha Pakwada

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE-1 1. Title Conducting student seminar series 2. Objective The overall aim of the student seminar series is acquirement of knowledge in a particular field and to help develop intersection of multi-disciplinary understandings of topics. Discussing in a common platform the relevant topics of the particular subject, students tend to learn about the latest information and new skills related to the concerned subject. 3. Context Many good student speakers are available in different departments who can give a very good lecture on their topic of interest. Academic programme committee identified those student speakers and gave them an opportunity to deliver lecture to all the students in college. 4. Practice One student from each department gives a lecture on common topic of interest which will be open for the students and

teachers of all departments. This platform provides an opportunity for a common interaction between students of all departments. There will be a mentor from each department who will assist the student to prepare the slides and presentation. The students are given certificate after the successful completion of the presentation. 5. Evidence of Success The seminar provides advanced knowledge in a particular subject to the students. This will also help the students to get rid of the fear to talk in front of teacher's and student's community. Although, the students are used to give presentations to their classmates, they are not equipped to interact in a common platform involving all students. This kind of interaction also motivates the new students. 6.

Problems Encountered and Resources Required No problems encountered and students were really happy to be a part of this student seminar series. BEST PRACTICE-2 1. Title Preparation of complete question bank for students 2. Objective A question bank is a planned library of questions designed to fulfill certain predetermined purposes. The objective of preparing question bank is to preview and store the university questions of previous years, distribute to the needy students and help them to prepare in the examination. 3. Context Most of the university examination questions follow a regular pattern. Although students study the syllabus and content therein they lack the idea of how to answer a question properly. This is because of the lack of knowledge of what kind of questions are asked for the examination. They tend to run in the last minute searching for questions in a particular subject. So if the question papers needed for all subjects for a particular class could be collected and kept in a common source such as library the students will find easier to avail that and use for the above mentioned purpose 4. Practice Question papers in the previous 5 to 7 years were collected from different departments and binded to a single book. This covers all the questions in different subjects. In the case

where the syllabus has changed recently, model questions were set by the concerned teacher. Question bank for S1 and S5 semesters were prepared and kept in the library. 5. Evidence of Success The students find it very useful for the preparation of their exams 6. Problems Encountered and Resources Required The books were kept in the library and used by students in turn. BEST PRACTICE-3

Title Model examination conducted to prepare students for the public examination Objective 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. Context Although the students listen to the classes most of them do not have the ability to write the answers properly according to the marks or they the lack the way to approach the questions properly. Also they cant keep the timing in examinations. In order to

tackle all these issues model examination in the same pattern as university examination is regularly conducted. . Practice The students are given time to prepare for the model examination. With the financial help from PTA, the model exam coordinators collect questions from all the department, take copies, arrange teachers for invigilation and provide sealed answer sheets for the students. Evidence of Success The students find the model examination very helpful as they get tackled easily with the questions and timing of the exam. Because of this they could reciprocate well in the public examination. Problems

Encountered and Resources Required No problems were encountered. Both the students and teachers community cooperated well. BEST PRACTICE-4 1. Title

Orientation and awareness for MSc entrance examination 2. Objective To help the students secure good marks in the final examination and also to help them to qualify the entrance examinations for PG. 3. Context Most of the students are from economically poor background. They may not be equipped with necessary books or resources for preparing for entrance examination. In this context the faculties of the department help them to qualify the examination by providing necessary classes, instructions and textbooks or study materials 4. Practice

Students after regular class hours are encouraged to stay back and given classes in important areas by all teachers of the department 5. Evidence of Success Many students got enrolled in different universities/higher educational institutions for PG courses 6. Problems Encountered and Resources Required The working hours need to be adjusted accordingly to the availability of resources in the institute

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/25/2021/08/Best-Practices-2019-20.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

Moulding a socially committed citizen having academic excellence in an eco-friendly atmosphere is the soul aim of our institution. With the intention to uphold this, students are encouraged to do social welfare and eco-friendly activities inside and outside our campus. As part of this various club activities are being carried out in our college to imbibe civic responsibility among students. We have a very enthusiastically functioning crew to steer the club activities in our college. Institutional Social Responsibility Forum (ISRF), Nature Club, NSS and NCC are working meticulously as a team to promote civic sense and to develop humanitarian values in our students. Activities based on this regard are conducted as follows: Environment friendly activities: To begin with, World Environment Day was celebrated in the College with variegated programmes which include the cleaning of the College premise and planting of tree saplings. Besides them an awareness programme was also conducted to prevent burning plastics as part of reducing atmospheric carbon level. We are carried out campus cleaning and beautification in connection with the 150th birth Anniversary of Gandhiji. It was done successfully with the help of College Authorities, College Union and Faculty members. As part of Gandhi Jayanthi Celebration, students of NSS Unit under the supervision of our faculty members carried out the cleaning process in the premises of Kazhakootam Railway Station and the railway tracks in front of Railway Station. The students of our college union and NSS volunteers also carried out a cleaning process in a public institution near our college, Govt LPS Chenkottukonam. Social welfare activities: The foremost public assistance provided by the entire college community under the leadership of the principal was the flood relief activities for the affected people of Kerala floods in August 2019. Several students in our college volunteered in the post flood rescue activities. The students of our college and NSS volunteers conducted a health survey focusing on the data of alcohol/tobacco/drug consumption and their related health issues which helped to create an awareness among people regarding drug/alcohol abuse. Apart from this students and faculty members took pledge on Anti-drug Day to save the society from drug abuse. The NSS Unit in our college organized a Blood Donation Camp to make the students aware of the necessity of blood donation to save the lives of needy. A team from the Blood Bank of Government Medical College, Thiruvananthapuram came to the college for collecting blood. More than 200 students, NSS Volunteers and faculty members voluntarily came forward to donate blood. The camp helped to create an awareness amongst students regarding the blood donation. The team also clarified the doubts and fear among students in this life saving mission.

Provide the weblink of the institution

http://govtcollegekariavattom.ac.in/wp-content/uploads/sites/25/2021/08/InstitutionalDinstinctiveness2019_20.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 UGC-NET, PSC, Civil Service Coaching Classes Ensure research activities and publications Conduct national and international workshops/seminars. Creation of Blood Group data bank of students Screening for lifestyle diseases among general Public MSc Zoology Entrance and Medical Entrance Quantitative analysis of contaminants in preserved fishes General health awareness class for nearby Govt. School Students Microbial analysis of water or food from local sources Microbial culture facility for external research students Entrepreneurship for students - Product making and Marketing Molecular Biology - Techniques demonstration to school students and teachers Coaching material for entrance - MSc Biotechnology Plant identification facility for the Public and research students Preparation of local flora - Kazhakkuttom Ward Conduct a special outreach programme for school students to create awareness about the advances in science and conduct hands on training and to critical thinking and enhance scientific temper.