



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>	THE COCHIN COLLEGE
Name of the head of the Institution	Dr Biju P Thampi
Designation	Principal (in-charge)
Does the Institution function from own campus	No
Phone no/Alternate Phone no.	04842224954
Mobile no.	9447197206
Registered Email	thecochincolleggekochi2@gmail.com
Alternate Email	thecochincollege1967@thecochincollege.edu.in
Address	The Cochin College, Koovapadam, Kochi
City/Town	Cochin
State/UT	Kerala
Pincode	682002

<b>2. Institutional Status</b>																															
Affiliated / Constituent	<b>Affiliated</b>																														
Type of Institution	<b>Co-education</b>																														
Location	<b>Urban</b>																														
Financial Status	<b>Self financed and grant-in-aid</b>																														
Name of the IQAC co-ordinator/Director	<b>Dr M Geetha</b>																														
Phone no/Alternate Phone no.	<b>04842224954</b>																														
Mobile no.	<b>9447459909</b>																														
Registered Email	<b>geethakem@gmail.com</b>																														
Alternate Email	<b>thecocheincollege1967@thecocheincollege.edu.in</b>																														
<b>3. Website Address</b>																															
Web-link of the AQAR: (Previous Academic Year)	<a href="https://www.thecocheincollege.edu.in/assets/frontend/igac/AOAR_2018-19_for_website_links/AOAR_2018-19_THE_COCHIN_COLLEGE.pdf">https://www.thecocheincollege.edu.in/assets/frontend/igac/AOAR_2018-19_for_website_links/AOAR_2018-19_THE_COCHIN_COLLEGE.pdf</a>																														
<b>4. Whether Academic Calendar prepared during the year</b>	<b>Yes</b>																														
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="http://thecocheincollege.edu.in/assets/frontend/igac/AOAR_2019-20_for_website_links/College_Calendar(2019).pdf">http://thecocheincollege.edu.in/assets/frontend/igac/AOAR_2019-20_for_website_links/College_Calendar(2019).pdf</a>																														
<b>5. Accreditation Details</b>																															
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3	B+	2.53	2019	15-Jul-2019	14-Jul-2024																										
<b>6. Date of Establishment of IQAC</b>	<b>18-Feb-2004</b>																														

## 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
One Day Workshop on E Content Development	29-Jun-2019 1	90
Expert Talk on 'Vectors and Tensors'	28-Feb-2020 1	70
Awareness on 'Maintenance and Welfare of Parents and Senior Citizens Act 2007	18-Dec-2019 1	75
Talk on Plagiarism: Issues and Solutions	17-Jan-2020 1	60
Workshop on Research Methodology- Pertempto: Exploring the Unexplored	22-Nov-2019 1	30
Model Parliament	27-Jan-2020 1	40
Registered and participated in Unnath Bharath Abhiyaan Awareness Session	02-Dec-2019 1	1
Workshop on Environment and Sustainable Development through Healthy Practices (Jan. 7,9,10)	07-Jan-2020 3	175
Entrepreneurship development workshop- Eco Hues	20-Feb-2020 1	30
National Science Day Celebration- Women in Science	24-Feb-2020 1	70

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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
Zoology	Environmental Management Training 2019	KSCSTE	2019 3	100000
SSP	Student Support Program	State govt	2019 365	107000

[View File](#)

<b>9. Whether composition of IQAC as per latest NAAC guidelines:</b>	Yes
Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	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	<a href="#">View File</a>
<b>11. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No

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

1. Conducted a workshop in association with EMMRC to provide training for teachers in econtent development. 2. Engaged in various extension activities during the floods of 2019 and provided essential materials to flood victims. 3. Conducted more activities for the implementation of green protocol in the campus. and various outreach programmes in the neighbouring areas for creating awareness about reduction of disposables . 5. Designed and executed a system of paperless collection of compilation of data for AQAR preparation 5. Introduced entry level tests for assessing the learning levels of students for providing specialised training for slow learners and advanced learners

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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
Design a paperless mode of collection and compilation of data for AQAR	Shifted to paperless mode of preparation of AQAR
Encourage teachers to produce e learning resources	Many teachers have developed e learning resources
Encourage teachers to participate in faculty development programmes	A good number of teachers participated in various FDP
Conduct entry level tests for assessing learning capacity	Entry level tests conducted.
Avail financial support for upgradation of laboratories	Applied for STAR college scheme

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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Name of Statutory Body</th> <th style="width: 50%;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Cochin Education Society</td> <td style="text-align: center;">01-Oct-2020</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Cochin Education Society	01-Oct-2020
Name of Statutory Body	Meeting Date				
Cochin Education Society	01-Oct-2020				
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	2019				
Date of Submission	30-Sep-2019				
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)	<p>Following are the modules of MIS currently operational in the institution. 1. SPARK Service and payroll Administrative Repository for Kerala is an integrated personnel payroll and accounts information system. Every employee is allotted with a Permanent Employee Number through the system. It ensures the highest level of transparency and more consistent application of rules. It also ensures that rules and regulations are uniformly applied to all the employees, thereby avoiding complaints and achieving better employee relations.. 2. GAINPF It is the part of Integrated Financial Management System of Government of Kerala. GAINPF is the online provident fund accounting system implemented to enhance transparency and minimize the reconciliation issues. All matters relating to PF account of employees such as enrollment, maintenance of accounts, issuing of credit cards, submission and processing of loans, closure of applications are done through GAINPF. 3. Linways Academic Management System : Linways is a fully hosted cost effective and innovative learning management system which provides centralized and automated administration. It is a nonconventional method which supports</p>				

collaborative learning, managing attendance and leave, creating and delivering learning materials, generating reports, student notifications etc. The institution effectively uses it for better delivery of curriculum. 4. National Scholarship portal, Minority Welfare Department Portal, Snehapoorvam, Directorate of Collegiate Education Portal for applying for Freeships and Scholarships. They offer a simplified process for the students to apply for various scholarships. They are extremely useful to students as all scholarships information available under one umbrella. These portals also provide an integrated application for all scholarships. 5. Common Admission Portal of MG University for conducting the admission to various programmes of the college in an efficient and transparent manner. 6 Internal Marks Entry Portal of MG University for uploading the marks of continuous internal assessment of students.

## 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

The Cochin College is affiliated to M.G. University, Kottayam and the curricular aspects of the programmes offered by the college are governed by the mandates of the university. The college maintains a well thought out and time-tested method of curriculum delivery and implementation which is designed to inculcate academic aspirations and goals in students with an aim to maximize their future employability. The Choice Based Credit System(CBCS) has been successfully implemented in both UG and PG courses. The college website and calendar carry details of the programmes, courses offered, programme outcomes, particulars of internal and external evaluation and e-resources formulated by the faculty. At the beginning of the academic year the academic plan or academic calendar is charted out by the departments and class teachers hand out the time table to the students. The time table is also shared in Linways, the learning management system (LMS) employed by the college. The LMS maintains the academic records of the student and digital learning tools, study materials etc. are shared there. The faculty prepare programme and course outcomes and the delivery of the curriculum is guided by this. A judicious mixture of the traditional lecture mode with hour end discussions along with ICT enabled tools is employed. Google classrooms, interactive videos, animations etc are used.

There is a state of the art smart classroom. The library has a stack of syllabus based books and journals and provides user orientation classes to make them aware of the resources of the library. Students are provided accounts with online databases like N-List and DELNET and sessions on the use of these databases and reference management software like Zotero and Mendeley are

arranged. Departments conduct lecture series which give students an orientation to envisage and develop research topics. They also afford final year students an opportunity to interact with experts on their dissertation/project topics. Orientation classes are given by outstanding alumni to inspire and motivate students in their academic pursuits. Students are given practical exposure through field trips, nature camps, industrial visits, visits to research institutes, commercial labs, study tours and internships at various organizations. Question papers of the semester end university examinations are handed out to the students and also maintained by the library. A continuous internal evaluation system is set in mode which includes seminars, periodic assignments, viva-voce, group discussions and test papers. Department meetings are held at fixed intervals to assess the academic plan and discuss interim and final results. An entry level test helps assign students to either the SSP program which helps weak students or the WWS which aids high performing students. Departments also employ peer learning and book banks. Hard copies of notes and additional study materials are also shared with students. Mentoring allows teachers to have a thorough understanding of the academic levels and aptitudes of the students. The feedback system from the various stakeholders enable the institution to have an in- depth understanding of the various aspects of curriculum delivery and implementation. The Cochin College is affiliated

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
Goods and Services Tax	Nil	11/06/2019	30	Focus on employability	Skill Development in problem solving and analytical skills
Poultry Science	Nil	15/07/2019	30	Focus on Employability	Skill Development in poultry management
Solid waste Management	Nil	10/06/2019	30	Focus on Employability and Entrepreneurship	Skill Development in solid waste management and upcycling of solid waste
Food Microbiology	Nil	15/07/2019	30	Focus on Employability	Skill Development in microbiology exposure and to identify microbes
Fundamentals of Capital Market	Nil	16/09/2019	30	Focus on Employability and Entrepreneurship	To develop financial and entrepreneurship skills

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Not Applicable	Nil
No file uploaded.		

### 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	Physics	03/06/2019
BSc	Zoology	03/06/2019
BA	Economics	03/06/2019
BA	English Language and Literature	03/06/2019
BCom	Computer Application - Model II (SF)	03/06/2019
BCom	Finance and Taxation Model I (SF)	03/06/2019
BCom	Finance and Taxation Model I	03/06/2019
BCom	Marketing Model II	03/06/2019
BSc	Botany Model II (Voc. Plant Biotechnology)	03/06/2019
BSc	Chemistry	03/06/2019
BSc	Mathematics Model II (Voc. Computer Science) -SF	03/06/2019
BCA	BCA (SF)	03/06/2019
BBA	BBA (SF)	03/06/2019
MA	English	03/06/2019
MCom	Finance and Taxation	03/06/2019
MSc	Chemistry (SF)	03/06/2019
MSc	Mathematics (SF)	03/06/2019
MSc	Physics	03/06/2019
MSc	Zoology (SF)	03/06/2019

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

	Certificate	Diploma Course
Number of Students	251	Nil

## 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
Introduction to	05/06/2019	18



<b>Research Methodology</b>		
<b>Introduction to Taxation</b>	<b>05/06/2019</b>	<b>28</b>
<b>WWS</b>	<b>03/06/2019</b>	<b>30</b>
<b>SSP</b>	<b>17/08/2019</b>	<b>40</b>
<b>Aquaponics</b>	<b>15/07/2019</b>	<b>40</b>
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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
<b>BSc</b>	<b>Zoology</b>	<b>33</b>
<b>BSc</b>	<b>Mathematics</b>	<b>46</b>
<b>MSc</b>	<b>Mathematics</b>	<b>16</b>
<b>BA</b>	<b>Economics</b>	<b>59</b>
<b>BSc</b>	<b>Chemistry</b>	<b>36</b>
<b>BBA</b>	<b>Business Administration</b>	<b>41</b>
<b>BCom</b>	<b>Computer Application</b>	<b>32</b>
<b>BCom</b>	<b>Marketing</b>	<b>28</b>
<b>BSc</b>	<b>Botany</b>	<b>25</b>
<b>MSc</b>	<b>Zoology</b>	<b>12</b>
<a href="#">View File</a>		

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
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
<p>The advancement of an institution is premised on an effective feedback system which is accorded due importance. The college has a diligent system of structured feedback collection from all the stakeholders such as students, teachers, parents, alumni and employers. The data is collected, analysed thoroughly by the IQAC and action is taken to rectify perceived lapses and anomalies. Data collection is done electronically as well as through the traditional mode. Opportunities for verbal feedback is afforded through open houses, PTA meetings and alumni meets where the stakeholders air their opinions and positions freely. Concerns of the stakeholders are conveyed to the BOS so that constructive action may be taken in future. Faculty feedback from the students is analysed by the Principal and the HODs and teachers are apprised of student evaluations. Course exit feedback and programme exit feedback are undertaken to have an understanding of the academic capabilities of the students and if the curriculum has satisfied their expectations and further to</p>

ensure if the curriculum delivery had been effective. It was found that in the year 2019-20 the majority of the students rated the depth of the course, extent of coverage and time allotted to the course, the syllabus in relation to expected competencies, the rate of division and sequence of units in the syllabus and the adequacy of text books and reference books between "good" and "very good." Teachers rated the first three matrices as "very good," and the fourth and fifth as "excellent." Parents rated the programme their wards were undergoing as "very good," the quality of teaching as "excellent" and the learning outcome of their wards as "very good." Employers either "agreed" or "strongly agreed" that the curriculum imparted knowledge relevant for employability, was effective in developing human values and ethics, and boosted innovative thinking. They also agreed that the syllabus was effective in developing skill oriented human resources. The alumni were consistent in rating the prescribed curriculum, course content delivery, relevance of their degree to their present job and activities organised by the college for their overall development as uniformly "excellent." The feedback collected from the stakeholders for the year 2019-20 is on the whole heartening while the effort of the IQAC is to further the percentage of acute approbation. A self appraisal and PBAS is prepared by each teacher which is aided by peer inputs and inputs by heads of the departments. Certificate courses, diplomas and remedial courses have been charted on the basis of this structured feedback.

## 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
BCA	Computer Application	38	Nill	35
MSc	Mathematics	16	Nill	16
BSc	Mathematics	50	Nill	39
MA	English	18	Nill	18
BA	English	50	Nill	49
BCom	Marketing	30	Nill	30
MCom	Commerce	19	Nill	19
BCom	Tax	50	Nill	50
MSc	Physics	15	Nill	15
BSc	Physics	40	Nill	37

[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	1636	209	46	9	39

### 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	Number of smart classrooms	E-resources and techniques used
94	94	26	8	5	15
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

Our college considers student support has an essential role and most important components of its functioning. In this regard earnest efforts are made to ensure that the students' progress and achieve their optimum potential by utilizing various facilities provided for them, from their admission to their placement counselling. Students are guided by classroom and laboratory training and supplemental information to prepare them mentally and physically for job oriented training. Students can avail support services like library, Wi-Fi, internet etc. Mentoring system : A mentor will have a maximum of 19 or 20 students (Mentees) allocated to him or her. The mentees will be attached to the same mentor for the entire course of study. Mentors shall meet the mentees regularly and record the outcome of meetings. The details about the mentees recorded and updated periodically. The Mentors also interact with course teachers and parents to facilitate effective mentoring. The Mentors shall update the mentees parents about the progress of the mentees. Main aspects of Mentors review of his or her mentees Attendance, Academic matters. The Mentors shall meet the mentees regularly and record outcome of the meetings. The Mentors shall also attend to the academic matters of mentees dealing with previous academic performance, internal assessment marks, and university exam results, CSIR - NET preparation tips career coaching. In the review meeting immediately after the internal assessment tests and results, the mentor shall appreciate the mentees who have performed well. The mentor shall interact with mentees who have not done well or failed in the internals and advise them to improve their performance. Mentor shall extend all possible assistance to improve the academic performance of the mentee. Mentors shall look in to the help in any financial problems like hostel fees, field study fees, college fees etc., behavioural and discipline matters, physical health and co-curricular achievements. The Mentors have encourage the mentee to develop and channelize his or her skills and talents.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1848	94	1:20

**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
94	94	Nil	7	31

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	Dr. Sindhu K	Associate Professor	NTA Observer
2019	Dr. Sindhu K	Associate Professor	Resource person, National Seminar on Institutional Restructuring in

			India
2019	Dr. Vineeth Kumar T. V	Assistant Professor	Member Editorial Panel
2019	Dr. Vineeth Kumar T. V	Assistant Professor	Reviewer of International Journal of Peptide Research and Therapeutics (Springer)
2019	Dr. Vineeth Kumar T. V	Assistant Professor	DD Kosambi Teacher Mentor Award
2019	Dr. Vineeth Kumar T. V	Assistant Professor	Resource person at St josephs College for Women, Alappuzha
2020	Dr. Manju V Subramanian	Assistant Professor	Resource Person for the Seminar
2019	Dr. Sindhu K	Associate Professor	Chaired Seminar
2020	Dr. Rajani B Bhat	Assistant Professor	Acted as Resource person and chaired a session
2020	Dr. Rajani B Bhat	Assistant Professor	Question Paper setter for Univeristy Examination
<a href="#">View File</a>			

## 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	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BSc	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BSc	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BSc	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BA	Not provided by affiliating university	sixth	03/06/2020	20/08/2020

BA	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BCom	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BCom	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BCom	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
BCA	Not provided by affiliating university	sixth	03/06/2020	20/08/2020
<a href="#">View File</a>				

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

The continuous internal evaluation of students is an integral part of the teaching learning process of the institution. After the adoption of CBCS system for both UG and PG programmes in 2009, the college has implemented a number of reforms in the CIE. Internal evaluation reforms are carried out taking into account the requirements in the curriculum. Departmental Orientation: In addition to the communication through website the pattern and importance of CIE are explained in the classrooms by the teachers. The pattern of question papers and the whole criteria of CIE is explained to the students and the parents through a power point presentation at the beginning of the programme. The curriculum demands continuous internal evaluation in four different aspects.

**Attendance:** Monitoring and assessment of attendance of students is done using LMS. Provision for leave, duty leave, etc are incorporated in the system. Monthly reports of attendance are generated and published. Semester wise attendance is used for assigning marks for international assessment. Fully Fledged Examination Office: The College has a fully-fledged examination committee headed by internal committee head chosen and including a representative from all the UG and PG departments of the college. In semester examination: The tentative dates of test papers are planned well in advance by the Examination Committee and College Council. The time table is displayed in the notice boards, are also forwarded to the parents in the WhatsApp group. For Centralised evaluation question papers were set on the same pattern of the end semester exams, reducing the time and no: of questions proportionately. CCTV surveillance in examination halls ensures the utmost transparency. Evaluation: After the conduct of examinations, faculty have to evaluate the answer scripts of the students in one week time along with the comments. The common errors are discussed in the classroom. Any complaints related to the examinations are discussed and clarified in the classrooms itself. Retests are conducted for students who have not attended the internal examination on genuine grounds. Innovations: Apart from this, teachers also do evaluation using Book Review, mini projects, group discussions, field trip, etc. In PG programmes, Open Book Examinations are also conducted for selective courses. Result publishing: The results are published in the department notice boards. Open house meetings are held once the results are published. Parents are briefed about the performance of their wards. Attendance reports are also prepared and presented before the parents. Those who secure good results are appreciated and awarded during the Open house meetings. Corrective measures were suggested for slow and weak performers. Seminar, Assignment, Project: Respective teachers who handle

different courses conduct continuous assessment by assessing assignments, presentation of seminars and supervising their project work. Viva: Along with the seminars and projects teachers conduct a discussion with each student to enhance their subject knowledge

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

At the beginning of the academic year, an academic calendar is prepared by the college council with the help of the university academic calendar and those plans shared by each department of the college. This helps to ensure that the teachers get adequate time for completion of the syllabus and there by helps the students to achieve their goals in an organised manner. The academic calendar is prepared in accordance with the conduct of examinations, the cultural events to be held in the college, and includes the tentative time span of both odd and even semesters. There are also details of mark distribution for External examination and Internal evaluation available in the calendar. The handbook and calendar is distributed to all the students. Schedule of Examinations: The tentative date of internal examinations is given in academic calendar so that the teachers can work accordingly. Council meeting: The principal convenes a meeting with HODs and faculty to discuss the academic calendar prepared and on the matters of how to effectively implement the academic calendar. Course plan: Every faculty will prepare a detailed course plan on how to effectively complete all the modules within the time span given in the academic calendar and it is submitted and filed in each department. Special Classes: In order to adhere with the schedule, faculty have to take special classes to finish the topics if necessary. Assignments and Seminars: Assignments and Seminars are given to the students continuously and well in advance so that they can prepare for the same. The evaluation is also done on a continuous basis. Cocurricular and Extra Curricular Activities and CIE: The college expands the knowledge horizon of the students through cultural activities and academic events like seminars, workshops, study tours, educational visits, field trips, industrial visits etc. These programmes are included in the Academic Calendar in such a way that CIE process is not disrupted. At the end of year, a review meeting is convened by the management, principal and college council and evaluates the results in detail to take effective measures for continuous improvement.

## 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://thecoachcollege.edu.in/assets/frontend/igac/AQAR\\_2019-20\\_for\\_website\\_links/Learning\\_Outcomes\(2019\).pdf](http://thecoachcollege.edu.in/assets/frontend/igac/AQAR_2019-20_for_website_links/Learning_Outcomes(2019).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
Not provided by affiliating university	BSc	CHEMISTRY	30	22	73
Not provided by affiliating	MA	ENGLISH	14	9	64.2

university					
Not provided by affiliating university	BCom	COMPUTER APPLICATION	43	14	33
Not provided by affiliating university	BCom	TAXATION	47	21	45
Not provided by affiliating university	MSc	MATHEMATICS	16	5	31
Not provided by affiliating university	BSc	MATHEMATICS	39	20	51.20
Not provided by affiliating university	BSc	BOTANY	27	22	82
Not provided by affiliating university	MSc	PHYSICS	14	8	57.1
Not provided by affiliating university	BSc	PHYSICS	33	17	51.5
Not provided by affiliating university	BSc	ZOOLOGY	30	26	87
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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://thecochincollege.edu.in/assets/frontend/igac/AOAR\\_2019-20\\_for\\_website\\_links/Student\\_Satisfaction\\_Survey\(2019\).pdf](http://thecochincollege.edu.in/assets/frontend/igac/AOAR_2019-20_for_website_links/Student_Satisfaction_Survey(2019).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
Major Projects	1095	KSCSTE	1500000	1400000
Minor Projects	365	KERALA STATE COUNCIL FOR SCIENCE	240000	120000

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### 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
KSCSTE Sponsored Workshop	Zoology	06/01/2020
Expert Talk " Vectors and Tensors"	Physics , Science and Quiz Club	25/02/2020
A poetry session and Interaction with Tenzin Tsundue:Tibetan Writer Activist	English	30/10/2020
Corporate Readiness	English, Commerce and IQAC	25/05/2020
Introduction to Twentieth Century and Early Twenty First Century Literary Criticism and Theory	English	28/05/2020
Performance Making as Knowledge Production	English	29/05/2020
Workshop on e content Development	IQAC	28/06/2019
Plagiarism: Issues and Solutions	College Library	17/01/2020
Workshop on Research Methodology- Pertempto: Exploring the Unexplored	Research Centre, Commerce	22/11/2019

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
DD Kosambi Teacher Mentor Award	Dr.Vineethkumar T V	Tata Institute of Fundamental Research	14/10/2019	For Exemplary contribution to collaborative biology research
Anil Sadgopal Award 2020	Dr.Manju V SubramaniamDr	Tata Institute of Fundamental Research	20/04/2020	For Popularization of Science Contribution to Science Outreach

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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
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	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
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
Commerce	7

#### 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	Biotechnology	2	1.28
International	Zoology	3	1.75
International	Physics	1	Nil
National	Hindi	1	Nil
National	Commerce	2	Nil
National	Physics	1	Nil

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#### 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
Commerce	3
Zoology	4
Economics	1
English	1
Hindi	1
Malayalam	1

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#### 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
Rotula aquatica Lour. mitigates oxidative stress and inflammation in acute pyelonephritic	Jayesh Kuriakose	Archives of Physiology and Biochemistry	2019	201141	School of Biosciences, Mahatma Gandhi University, Puriyadarshini Hills, Kottayam, Kerala,	Nil

rats					India	
Acute oral toxicity and anti-inflammatory evaluation of methanolic extract of Rotula aquatica roots in Wistar rats	Jayesh Kuriakose	Journal of Ayurveda and Integrative Medicine	2020	23333	School of Biosciences, Mahatma Gandhi University, Priyadarshini Hills, Kottayam, Kerala, India	5
Investigations on the membrane interaction of C-terminally amidated esculentin-2 HYba1 and 2 peptides against bacteria	Dr.Vineethkumar TV	Animal biotechnology	2019	14943	RGCB	1
Identification and functional characterization of Esculentin-2 HYba peptides and their C-terminally amidated analogs from the skin secretion of an endemic frog.	Dr.Vineethkumar TV	Natural product research	2019	24819	RGCB	1
Functional characterization of two novel peptides and their	Dr.Vineethkumar TV	Chemoecology	2019	25825	RGCB	2

analogs identified from the skin secretion of Indosylvirana aurantiaca, an endemic frog species of Western Ghats, India.

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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
Functional characterization of two novel peptides and their analogs identified from the skin secretion of Indosylvirana aurantiaca, an endemic frog species of Western Ghats, India.	Dr.Vineethkumar TV	Chemoecology	2019	8	2	RGCB
Identification and functional characterization of Esculentin-2 HYba peptides and their C-terminally amidated analogs from the skin	Dr.Vineethkumar TV	Natural product research	2019	8	1	RGCB

secretion of an endemic frog.						
Investigations on the membrane interaction of C-terminally amidated esculentin-2 HYba1 and 2 peptides against bacteria	Dr.Vineethkumar TV	Animal biotechnology	2019	8	1	RGCB
Acute oral toxicity and anti-inflammatory evaluation of methanolic extract of Rotula aquatica roots in Wistar rats	Dr. Jayesh Kuriakose	Journal of Ayurveda and Integrative Medicine	2020	7	5	School of Biosciences, Mahatma Gandhi University, Priyadarshini Hills, Kottayam, Kerala, India
Rotula aquatica Lour. mitigates oxidative stress and inflammation in acute pyelonephritic rats	Dr. Jayesh Kuriakose	Archives of Physiology and Biochemistry	2019	7	Nil	School of Biosciences, Mahatma Gandhi University, Priyadarshini Hills, Kottayam, Kerala, India
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	15	46	15	7
Presented papers	4	6	Nil	Nil
Resource persons	Nil	Nil	Nil	1

**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
Management Education- Opportunities for BSc Graduates	Triumphant Institute of Management Education. Pvt.Ltd (T.I.M.E.)/Departme nt of Mathematics	4	81
Environment Management training- EMT 2019	Zoology Departmen t/plan@earth	7	110
Science Popularization Programme- BIOMAG	Nature Club and Green Protocol Committee/Zoology Dept./ KSCSTE	3	90
Palliative care day- Sneha sangamam at Fortkochi Taluk Hospital	Fortkochi Taluk Hospital/NSS	2	123
Fortkochi Beach cleaning in association with MLA's Office	NSS/The Cochin College	2	67
To promote tourism development of Chellanam	NSS/The Cochin College	2	15
CUBE Students Scientist Program (School Students)	CUBE Hub Zoology Department /CUBE, TIFR, Mumbai	14	30
CUBE Students Scientist Program - (Review and training)	CUBE Hub Zoology Department /CUBE, TIFR, Mumbai	9	13
outlet of pain and palliative centre	NSS/TANAL	34	74
Extension Activity -2020	Department of Chemistry	6	10

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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
Plog run-Railway Swatchathe	2nd position	Indian Railways	82

Programme			
Blood donation	Letter of appreciation	IMA	30
Rebuilding of Flood affected areas	Letter of appreciation	Chellanam Panchayat	60
No file uploaded.			

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
Snehasangamam	Taluk Hospital, Fort Kochi and NSS	Palliative care	2	50
Blood donation camp	IMA and NSS	Blood donation	2	30
JWALA	Central Excise Department	Pledge against Use of drugs	2	40
Railway Swatchatha Programme I	Indian Railways and NSS	Flash mob	2	15
Urban Greenery-PACHA THURUTH	E-Unnathi, Haritha Kerala Mission NSSP	Planting of sapling	2	20
Swatch Bharath	NSS/ The Cochin College	Plog run	5	82
Flood relief	NSS/ The Cochin College	collection of materials	8	100
Unnat Bharat Abhiyan	Unnat Bharat Abhiyan/UBA	Survey	4	14
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### 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
Student exchange	Ms Surayya P M	Nil	239
Student exchange	Ms Sethulekshmi P S	Nil	239
Collaborative activities - Environment Management Training	Dr Manju V Subramanian	KSCSTE-EMT	7
Student exchange	Ms Fathimathul Nazaria	Nil	239
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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
Green skill development programme	Forest Entomology and Pest Control(Level - 6 of NSQF)	kerala Forest Research Institute ,Peechi	11/02/2020	28/02/2020	35
For Data Collection	Citizen Science Programme	CMFRI - Central Marine Fisheries Research Institute	05/08/2019	31/12/2020	5
Project	Main Project	LCC, EXPLORIC	01/11/2019	31/03/2020	46
Project	Main Project	LCC	01/11/2019	31/03/2020	32
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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
plan@earth	15/06/2019	Solid Waste Management	90
Hedge Equities Ltd	10/11/2019	Providing additional knowledge in the field of financial service industry	70
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## 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
26	26

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with LCD facilities	Existing

Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
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#### 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
KOHA	Partially	Ubuntu version..1 8.04, Mysql version..5.7	2013

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Digital Database	2	19470	Nil	Nil	2	19470
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##### 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 Smitha NR	Phylum Mollusca	Google Classroom	12/04/2020
Dr Manju V. Subramanian	Phylum Echinodermata	Google Classroom	12/04/2020
Dr Vineeth Kumar T V	Phylum Arthropoda	Google Classroom and IPTV EMMRC calicut	12/04/2020
Dr Vineeth Kumar T V	Molecular Biology	Google Classroom and IPTV EMMRC calicut	27/03/2020
Paulbert Thomas	Operational amplifiers, Integrated circuits and communication electronics	Linways LMS, Youtube	21/08/2019
Paulbert Thomas	Digital Electronics	Linways LMS, Youtube	21/08/2019
Annieta Philip K	Complementary Physics for BSc Chemistry sem 3	Linways	24/08/2019



Annieta Philip K	Wave guides	Linways	10/10/2019
Dr Manju V Subramanian	Phylum Nematodes	Institutional LMS- Linways	10/07/2019
Dominic T Joseph	Multiple Integral	YouTube Videos	13/05/2020
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#### 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	129	1	1	1	1	10	8	112	0
Added	0	0	0	0	0	0	0	8	0
<b>Total</b>	<b>129</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>8</b>	<b>120</b>	<b>0</b>

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

20 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
EdSpace Creative Lab	<a href="http://thecoachcollege.edu.in/assets/frontend/igac/AQAR_2019-20_for_website_links/E-content_development_facility(2019).pdf">http://thecoachcollege.edu.in/assets/frontend/igac/AQAR_2019-20_for_website_links/E-content_development_facility(2019).pdf</a>

#### 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
1	1	26.45	26.45

##### 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)

The physical academic and support facilities including laboratories, library and computers are made available for the students with constant monitoring of their usage. Those students who seek admission to courses which include laboratory curriculum are charged laboratory fee at the time of the admission as suggested by the government. The classrooms and furniture are utilized regularly by the students but sometimes it is also made available for governmental and the non-governmental organizations such as UPSC, CBSE, ICWA, IBPS, IGNOU for conducting various exams. The maintenance and the cleaning of the classrooms and the laboratories are done through hiring services. The college garden is maintained by the gardener appointed by the institution. The college has an established system for maintenance and utilisation of computers, classrooms, equipment and laboratories in the campus. The planning body of the

college comprises Planning Board, Purchase Committee, Campus Development Committee and Library Advisory Committee constantly monitors and evaluates the status of the college. Maintenance of Physical Facilities - The physical facilities including Auditorium, A/C Seminar Halls, Smart classrooms, Laboratories, Classrooms and Computers etc. are for the students admitted in the college. The physical facilities are maintained and monitored by Cochin Education Society and PTA. A standardized protocol is installed to tackle problems comprising a maintenance register and a team of troubleshooters consisting of electricians, technocrats, and carpenters. Maintenance Classrooms and Laboratories - All classrooms are laid out with adequate infrastructure befitting teaching and learning. Laboratories of The Cochin College are fully functional with all necessary equipment and apparatuses. Campus WiFi is maintained by service providers like Jio service providers. College also has LINWAYS LMS. The college website is maintained regularly by the website Team. Library Maintenance - The library staff is clearly instructed in the care and handling of library documents, particularly during processing, shelving and conveyance of rare books. The library is well maintained in tune with the changing academic needs. All books are marked, classified and advantageously placed on the racks. As a proactive intervention, all books are periodically inspected to find possible damages and binding is carried out if necessary. Maintenance of Sports and Games Facility The sports equipment, ground and various courts in the Campus are supervised and maintained by the Head of the Physical Education Department. Sports and games are effectively trained and coordinated under the guidance of the physical Education teachers. The entire sports and games are monitored and patched up by the department of physical education. Ground level maintenance is done annually during vacation. The institution has consistently adopted a proactive policy in creating an environment conducive to effective teaching and learning. The creation and enhancement of academic and supportive infrastructure is brought about through the committed efforts of institutional bodies like the IQAC and the College Council in conjunction with the management. There is an Infrastructure Committee headed by a senior educator to assess and propose infrastructural needs to the management. Access to the library is allowed against the remittance of a nominal amount as caution deposit.

[http://thecochincollege.edu.in/assets/frontend/igac/AQAR\\_2019-20\\_for\\_website\\_links/Procedures\\_and\\_policies\\_for\\_maintaining\\_and\\_utilizing\\_physical\\_academic\\_and\\_support\\_facilities\(2019\).pdf](http://thecochincollege.edu.in/assets/frontend/igac/AQAR_2019-20_for_website_links/Procedures_and_policies_for_maintaining_and_utilizing_physical_academic_and_support_facilities(2019).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	Scholarships provided by retired faculty of the institution	43	18000
Financial Support from Other Sources			
a) National	Government free ships and stypend for SC/ST/OEC/OBC/OBC(H)/General scholarships	684	6008440
b) International	Nil	Nil	Nil

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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 implementation	Number of students enrolled	Agencies involved
Introduction to Basic Econometrics (Bridge course)	03/10/2019	60	Dr. Vipin Chandran, Assistant professor, Department of Economics, Govt. Womens College, Kannur
Scholar Support Program (SSP)	17/08/2019	40	New initiative in Higher Education funded by the Govt.of Kerala
Walk with a Scholar (Mentoring)	03/06/2019	30	The Walk-with-a-Scholar (WWS) programme is a new initiative in Higher Education funded by the Govt.of Kerala
Yoga Workshop	21/06/2019	50	Mrs. Asha Raman
UGC-NET (English online course)	15/05/2020	579	Department of English, The Cochin College
Workshop - Aquarium Management Fish Feed Preparation	05/10/2019	50	CMFRI, Kochi, 0484 2394357
Mentoring	01/07/2019	1636	All Departments, The Cochin College, Cochin
Soft Skills Development	25/05/2020	100	Department of English and Department of Commerce, The Cochin college
Manuscript Magazine - to nurture the literary and artistic talents	05/09/2019	85	Dr Manju V Subramanian, Department of Zoology, The Cochin college, 94953 36605
Work shop on Stand Up Comedy	07/10/2019	100	Vinay Menon and Shabareesh Stand Up Comedians
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the	Number of	Number of	Number of	Number of
------	-------------	-----------	-----------	-----------	-----------

	scheme	benefited students for competitive examination	benefited students by career counseling activities	students who have passed in the comp. exam	students placed
2019	Orientation Class on Career Opportunities in Chemistry	Nil	40	Nil	Nil
2019	Orientation class for CAT, GMAT and GRE Programs of IMS	48	Nil	Nil	Nil
2019	"How to select an appropriate profession	Nil	56	Nil	Nil
2019	"World Business Opportunity and Business etiquette" - IAM Business School, Calicut	Nil	48	Nil	Nil
2019	CNS Computer Academy, Thoppumpady conducted 3rd All India Tally Commerce Aptitude Test	28	Nil	Nil	Nil
2019	IMS Proschool, Kadavanhara "Orientation program on CFA"	Nil	50	Nil	Nil
2019	TIME Ernakulum "Seminar on Management and Entrepreneurship"	Nil	10	Nil	Nil
2019	Orientation on competitive	656	Nil	Nil	Nil

	examinations				
2019	IFIM Business School , Bangalore "Knowledge Session"	90	Nil	Nil	Nil
2019	Frankfinn "Career Orientation Program"	Nil	48	Nil	Nil
<a href="#">View File</a>					

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
3	3	2

## 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
Campus Drive for IIIrd Year Students "Reliance Jio Infocomm Ltd"	40	Nil	Kerala forest research institute, Peechi, DRONA INSTITUTE OF MANAGEMENT STUDIES, kattikaran complex road, kacheripady, Ernakulam, 682018, Interfield Laboratories, Interprint House, 13/1208, Karuvelipady, Kochi, Kerala 682005, Think Software Solutions	11	11
<a href="#">View File</a>					

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	BSc	Zoology	Goa University	MSc Marine Science
2019	1	BSc	Zoology	Kerala Veterinary and Animal Sciences University	MSc Wildlife Biology
2019	1	BCA	BCA	RCSS	MCA
2019	1	BSc	Physics	Cochin University of Science and Technology	Msc Computer Science
2019	2	BSc	Botany	Bishop Abraham Memorial College, Thuruthicadu	MSc. Botany
2019	1	B.Com (Marketing)	Commerce	Adarsh Institute of management and information technology, Bangalore	MBA Marketing and Business Analytics
2019	1	B.Com (Marketing)	Commerce	Aquinas College, Edakochi	M.Com
2019	1	BCA	BCA	Fanshawe College	Business and Information systems architecture
2019	1	BSc	Physics	The cochin college, Cochin	MSc Physics
2019	2	BSc	Botany	S. N. M. College, Maliankara	MSc. Botany

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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
NET	2
Any Other	11

CAT	1
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#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Flash Mob (cultural)	Institution level	38
Onam Celebration (cultural)	Institution level	100
Film Show (Cultural)	Institution level	31
Debate Competition	Institution level	7
Elocution Competition	Institution level	11
Video Competition	Institution level	8
Foot ball match	intercollegiate	66
FUTsal Tournament	Institution level	42
Drama Fest	University Level	70
P K KesavaDev Quiz Competition	Institution level	11
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### 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
2019	First-Power lifting	National	1	Nil	Nil	Farooque Mohammed K I
2019	Body building MR india	National	1	Nil	Nil	Ananthu P P
2020	First-duffmuttu	National	Nil	1	Nil	group
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#### 5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Cochin College has a very organized and democratically elected Student Union. The students have elected their bearers comprising Chairperson (Zuhair K.Z), Vice-Chairperson (Nedha C.A), General Secretary (Sharafudheen), University Union Council Members-2(Afreed K.S, K.M Mohammed Nihal), Arts Club Secretary (C.S Rizwan), Magazine Editor (Suhail M.S), Lady Representatives and Representatives from each batch. The Union is guided by the Staff Advisor- a teacher representative and a Staff Editor for College Magazine. The Union takes responsibility for extracurricular activities both arts and sports. College Union organized Union Day-Agneya on September 24, 2019. College Union released an e-Magazine named Dhvani. They organized the Career Guidance program on 12-1-2020. Other Major events by the College union include Ethnic Day Celebrations, Natakolsavam-Kudiyirikal, Yuvajanolsavam-Kalavionika, and Sports Week. The College Union coordinated students to participate in various events

and won prizes in Duff Mutt (1st prize), Kolkali(1st Prize), Oppana(1st Prize), Mime(2nd Prize), and Skit(2nd Prize). Also, Individual events like Short Story Writing (3rd Prize), Poetry Recitation (3rd Prize) were won by students of The Cochin College. College union coordinate and encourage students to participate in sports events and won prizes in Mahatma Gandhi University Table Tennis Tournament, Wrestling Tournament (1st Prize), Weight Lifting Championship (1st Prize), etc. The student representatives actively join the College Council, which is met regularly and become part of discussions for the welfare of the student community. They also participate in other administrative bodies like PTA and IQAC. The suggestions from students are considered and decisions are made democratically. The student representation is in various committees like: IQAC, Anti - Ragging Committee, Grievance Committee, Anti- Narcotics Committee Mythili Prabhu, M.Com, Levine Augustine, M.Sc. Physics were the student representatives in the IQAC. Students actively participated in various Department Associations. Student Protection Group, Library Committee. Students participate in the activities of The Career Guidance cell. The students participated in various activities of the Science and Quiz Club including the National Science Day Celebration, Quiz Programs, etc. Anjana N.V(B.Sc Physics), Ekalavyan(M.Sc Physics) were the student representations in the executive committee of the club and other students of the college as members. Students actively participated in activities of Student Empowerment and Awareness committee of the college with Adithya Arun, Anita Malcom Gomez, Karthika Sudherman M.S.from the English department as the student coordinators. Students from various departments participated in the Papyrus 2020- The Paper Crafters: a workshop for training students to make articles from the paper.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Cochin College Alumni Association is a vibrant organization with more than 3000 members from different backgrounds. The Cochin College Alumni Association has branches in Gulf Countries and United States. Every year two Alumni meetings are organized at The Cochin College and the meeting was attended by former faculty and many former students. In order to stimulate future students, the Alumni Association awards financial rewards to successful graduate students. Furthermore, our alumni organization gives job chances to eligible students through professional references once they complete the course, as well as financial aid to the colleges needy students

5.4.2 – No. of enrolled Alumni:

3117

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

119000

5.4.4 – Meetings/activities organized by Alumni Association :

The Cochin College Alumni Association is a vibrant organization with more than 3000 members from different backgrounds. The Cochin College Alumni Association has branches in Gulf Countries and United States. Every year two Alumni meetings are organized at The Cochin College and the meeting was attended by former faculty and many former students. In order to stimulate future students, the Alumni Association awards financial rewards to successful graduate students. Furthermore, our alumni organization gives job chances to eligible students through professional references once they complete the course, as well as financial aid to the colleges needy students. The alumni association has received official registration under the Travancore Cochin Cultural, Literacy,



Scientific and Charitable societies Act 1955 (EKM/TC/324/2018) on 4th July 2018. The activities of the Cochin College Alumni Association are the following. • Teacher's Day Celebration was organized by The Cochin College Alumni Association, Cochin College Management and NSS Unit on 5th of September 2019. Former teachers were honored and Cochin College students and NSS Unit cleaned the campus and also planted saplings around the campus building. • Annual meeting of The Cochin College Alumni Association was held on 2nd October 2019 at The Cochin College. The meeting was inaugurated by Shri Suhas IAS, District Collector, Ernakulam. • The general body meeting of The Cochin College Alumni Association was held on 1st December 2019 at the Cochin College. • New year Celebrations of the Cochin College Association was held at CGOA Hall, Panampilli Nagar Ernakulam on 4th January 2020.

## **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 Cochin College is the first PPP model (Public-Private Participation) institution designed and established in the state. The institution was conceived in July 15, 1967 in response to the indubitable need of higher education in Western Kochi and is the result of the efforts of the public at large. The college is sponsored by the Cochin Education Society which was founded as a result of the joint efforts of Indian Chamber of Commerce and the former Mattancherry Municipal Council. The institution has constituted a well-organized administrative system. The governance of the college believes in shared responsibilities. The Management Committee of the Institution is elected in a democratic manner in the annual AGM and the Kochi Corporation Mayor and Deputy Mayor are Ex-Officio members of the Management Committee. All the developmental projects and decisions are taken up in consultation with the College Council, the Academic Council, the IQAC and the student representatives. Functional Autonomy is granted to all the departments and units in the college. Management supports an inclusive and participative culture and hence encourages the involvement of stakeholders at various levels of managerial activities such as setting of goals, analysis of problems, development of strategies and implementation of solution. The Manager conducts meetings with the Principal, IQAC members and convenors of various committees to discuss various matters of the institution. The consultations are also carried out with alumni and PTA which ensures that the leadership is in constant interaction with the stakeholders. This promotes a sense of goodwill and unity among the different units of administration which in turn ensures the efficient functioning and growth of the institution. The following are the areas in which decision making and implementation powers are delegated to stakeholders: Ad hoc faculty recruitment: Head of the Departments are given the freedom of decision making with regard to the selection of ad hoc faculty as and when the vacancy arises. Functional autonomy in spending financial resources: Stakeholders such as PTA, various committees in the institution have been given autonomy in deciding their activities and spending funds judiciously. Conduct and Management of student activities: The Principal in consultation with the College Council takes decision regarding all matters related to daily administration and students. Infrastructure planning: Infrastructure needs of the institution are assessed by the infrastructure committee led by a senior faculty member. The committee intimates the same to the management and follows up the progress of infrastructure development. Strategizing and implementation of various projects: Planning and implementation of various activities and projects of the institution such as society linkage, extension programmes and submission of research proposals are made by respective committees independently. Cells and committees functioning

in the institution to implement various activities which are part of the strategic plan are- • College Management • IQAC • College Council • Grievance Redressal Cell for students • Purchase Committee • Library Committee • Career Guidance and Placement Cell • Research Committee • Planning Forum • Infrastructure Committee • Women's Guidance Cell • Mentoring Committee • Anti Ragging Committee

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

Yes

## 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
Industry Interaction / Collaboration	Departments do have industrial linkages for placement services of students ( Dept of Chemistry ) and for offering Certificate programs for employability ( Dept of Commerce). There are MoUs with corporates too for the benefit of students.
Library, ICT and Physical Infrastructure / Instrumentation	The college library is automated with D Space and staff under the guidance of Librarian are always at the disposal of teaching faculties and students,
Admission of Students	Admission is done regularly through Mahatma Gandhi University - Centralised Allotment Process (MGU CAP programs). Admissions are done in Cultural, PD and Sports quota.
Human Resource Management	Staff recruitment are done by the HR Management. Facilities are provided as per the request from the teachers and non teaching staffs for the upliftment of the Institution. The students are also encouraged and supported to take part in various cultural and art competitions.
Curriculum Development	The college has developed a strategy for the benefit of its stakeholders. To meet the need of stakeholders like students teachers and alumni, the IQAC has developed a strategic plan in consultation with the management board. The IQAC has discussed the same in the staff council and various administrative and management procedures are implemented in the institution. UGC modelled Curriculum is adopted in the college as per the curriculum designed by the MG University.
Teaching and Learning	Mentor mentee relationship exists in the institution. Teacher and students interaction happens during the

classhours and extra classes are taken for the needed. One to one interaction is possible during these extra hours. Programs like Walk with the scholar and SSP enhances teacher student interaction. Remedial teaching is also provided as per requirements for the needed and texts books and study materials are provided for the needy. They are been guided by the teachers in every matters concerning the enhancement of learning environment and personality enrichment.

**Examination and Evaluation**

Along with the university examination two internal exams are conducted in a semester. Seminars are being conducted for students and are evaluated. Assignments are given in accordance with the syllabus and curriculum and are monitored and evaluated by teachers. Group assignments and individual assignments are guided and evaluated accordingly.

**Research and Development**

The institution has got two research departments- Commerce and Physics. UG and PG students do research for the completion of their Course during the final semester. Routine course work batches function as per M G University norms. Full time and part scholars attend classes for coursework at Commerce Research Centre and relevant talk by external experts, on concerned subjects are arranged for them, Progress presentation is also scheduled as per norms of the University. The Commerce Research Centre has in- house ISBN Journal where scholars can et an opportunity for publishing their works. IQAC encouraes te faculties to apply for Minor/major research projects from various funding agencies.

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

E-governace area	Details
<p><b>Examination</b></p>	<p>The University exams question papers are send via mail and is downloaded in the college and distibuted. The Internal Mark entieres are done through university portal. The application for reevaluation, Supplementary examinations are applied online and the fees for the same are paid through online mood The internal evaluations- assignments are distributed with students through Linways system.</p>

Student Admission and Support	Admission procedures are conducted via CAP.
Finance and Accounts	The Salary of teachers and non teaching staff is regulated through spark. All the funds UGC, WWS, SSP all are credited through NEFT or SPARK
Administration	General communications, Government and University orders are received to college mail and is communicated with teachers in Whatsapp. Linways Management System is used for Attendance Management and Internal mark calculations.
Planning and Development	The College is well equipped with LAN and other IT infrastructure for the development matters. All departments are fully computerized with LAN facility ,intercom network along with the college and management office. The students and parents are also well connected through LMS facility in the college, Linways where clear updates are submitted to parents on attendance shortages and award of internal marks.

### 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 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)
2019	e-content development	Nil	29/06/2019	29/06/2019	50	Nil
2020	Nil	workshop for the non teaching staff on sanitizer making	14/03/2020	20/03/2020	4	20

2020	Environment management training-EMT 2020	Environment management training-EMT 2020	07/01/2020	10/01/2020	7	3
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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
UGC Orientation Program	1	16/10/2019	05/11/2019	21
Orientation course for NSS programme officers1	1	30/10/2019	05/11/2019	7
UGC-Sponsored Refresher Course	1	12/06/2019	25/06/2019	14
Refresher Course	1	18/07/2019	31/07/2019	14
Refresher Course On Teacher and Teaching in Higher Education	1	01/09/2019	15/01/2020	140
How Can Teachers Make a Difference	2	26/05/2020	30/05/2020	5
Multi Criteria Decision Making Workshop	1	23/04/2020	25/04/2020	3
Refresher Course in English Language and Teaching	1	22/11/2019	05/12/2019	14
Faculty Development Programme	1	29/08/2019	02/09/2019	5
MOOC course on Online learning and content development	1	18/04/2020	02/05/2020	15
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
94	94	27	27

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Welfare Programmes for Teachers The Cochin College has taken multi level methods for the welfare of Teaching Staffs, The Cochin College Co operative credit society, a registered Staff Cooperative Credit Society is functioning in the college for meeting the financial needs of teaching staffs. The society provides education loan, consumer loan and personal loan at affordable rates of interest to its members. It also offers for recurring deposit, fixed deposit and voluntary saving scheme. The Society provides scholarships for the meritorious children of teachers. Employees Provident Fund scheme, Group Insurance, State Life Insurance Scheme, Maternity leave, Paternity leave, and leave for Faculty Development Programme etc. are provided in the Institution. A positive working atmosphere exists in the Institution. Teachers are designated as Assistant Professor, Associate Professor, and Professor. Their Promotion/career enhancement from one level to another is based on API based PBAS system. Teachers are engaged in various activities other than their academic</p>	<p>Welfare Programmes for Non-Teaching Staffs The College has effective welfare measures for the non-teaching staff and avenues for career development. Besides intellectual and professional development, it also offers financial and health securities for its employees. Office staffs are encouraged to update their administrative skill. The management ensures the wellness of its employees and enable them to optimize their potential. A registered Staff Cooperative Credit Society is functioning in the college for meeting the financial needs of both the teaching and non-teaching staff. The society provides education loan consumer loan and personal loan at affordable rates of interest to its members. It also offers facilities for recurring deposit, fixed deposit and voluntary saving scheme. The Society provides scholarships for the meritorious children of staffs. The various welfare schemes for the staff of the institution includes Employees Provident Fund scheme, Group Insurance y, State Life Insurance Scheme, Maternity leave, paternity leave. A staff recreation club is functioning in the</p>	<p>Welfare Programmes for Students Welfare Programmes for the protection of rights of students and the welfare activities of the students are conducted anc carried out at various levels. Management and teachers jointly have taken steps to nurture students mental, physical, cultural growth with various activities to improve their overall personality development and to make them civilized Indian citizens to compete in the globalized world. Students are facilitated with infrastructure and an eco friendly campus. Student Union is elected every year for the benefit of students. The College Library has books to enhance the reading capacity of students and to open a wide world of literature. There are several books for academic references and competitive exams. Scholar Support Programme and Walk with the Scholar programmes help students to enhance their academics. Add on Courses, Value Added Courses, Bridge Courses and Remedial programmes are provided by various departments. Different Clubs are formed and multiple activities are conducted. Counselling classes for girls are</p>

routines. To enhance the extra curricular activities a Teachers Club is functioning in the college. Teachers club conducts community lunch, retirement party and teachers tours annually. It also conducts programs to felicitate teachers on the occasion of their marriage and achievements such as award of Ph.D. etc. The Staff Recreation Club- a conglomerate of all staffs in the institute fosters harmony and cooperation among the staff. It organises functions for celebrating occasions such as Onam, Christmas etc. Community lunch is also being arranged regularly by the club. Club also conducts cultural activities among the staff. Annual Sports is conducted for teachers along with students for the benefit of leisure and health.

college for fostering harmony and cooperation among the staff. It organises functions for celebrating occasions such as Onam, Christmas etc. Community lunch is also being arranged regularly by the club.

Club also conducts cultural activities among the staff. All festivals and National Days are celebrated by the staffs along with students and teachers. The Office staff conducts tour regularly with their families. The staff actively participates in the annual sports day programmes.

conducted regularly by WGC. NSS binds students with society and tries to evolve them as morally responsible citizens.

Placement cell and Grievance cell also functions efficiently in the institution.

Extension activities by different departments help students to interact with local people of the nearby places. Students visit orphanages and schools to interact with children. Cultural programmes, Film Festivals, Craft classes and exhibition by students help the students to excel in extracurricular activities. The college canteen provides food to all and it helps those students who come from distant places. A department store is in the college, which provides immediate needs for students. There is a girls retiring room and incinerators are installed to dispose sanitary napkins. Water purifier is installed in all floors to provide drinking water for students. Wi-fi is provided in the institution. Computer centre is there to help the students with DTP work. Students participates in various sports activities. The college has basket ball court, football court and cricket court for practice sessions. •

Annual Day Celebrations •  
NSS • Anti-ragging Cell •  
Career Guidance Cell •  
Nature Club • Cultural Club • Bhoomitrasena •  
Student-related Seminar/C  
onferences/Workshops/Camp

s etc • Projects are undertaken by students • Field Visits • Arts week and participating in University level Youth Festivals

#### 6.4 – Financial Management and Resource Mobilization

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

The institution has an apparent and orderly financial management system. The institution conducts external and internal audits for both Government and Non-Government funds. Internal and external audit is regularly conducted. Internal audit is conducted by a Chartered accountant appointed by the College Management whereas external financial audit is conducted by Deputy Directorate of Education, Ernakulam, Government of Kerala. The Deputy Directorate of Education, Ernakulam, Government of Kerala conducts financial audit every year and analyses all the registers and accounts of the college. The audit team verifies the financial utilisation of the public funds. They verify Cash Book, all registers of acquittance, E-grants Account, Caution Deposit and Fee receipts. The Directorate also verifies the PD subsidiary Register and consolidates PD register every year.

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	924111	For various requirements in the College
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6.4.3 – Total corpus fund generated

924111

#### 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	No	Nill	Yes	IQAC

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

The Parent Teacher Association of The Cochin College has been playing a significant role in implementing a multitude of activities for the progress of the institution and the student community. 1.PTA provides financial assistance for the conduct of internal examinations which is conducted twice each year. 2. The publication of the college news letter Cochin College Chronicle is done with the financial support by PTA. 3. They are actively involved in ensuring renovation and repair of the infrastructure facilities like the toilets, class rooms etc.

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

1. As part of the Womens Day celebration, our students honoured and gifted



sarees for the cleaning and maintenance staff, an all ladies team- for all the sweeping , mopping and deep cleaning done throughout the year, that many hardly noticeor usually take for granted. 2. The Chemistry Department conducted a workshop for the non teaching staff on sanitizer making. 3.Ebin T B and Rakhi M R, laboratory staff, Dept of Zoology, attended 3 days Environment Management Training Programme

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

1. New add on programs were introduced for supplementing curriculum 2. Student support programmes were strengthened for providing support for the curricular, co curricular and extra curricular activities of students. 3. ICT thrust in Teaching and learning has been strengthened. 4. Renovation of research lab of Physics Department. Started two new divisions namely Crystal Growth and Laser Imaging Division , Nano Materials Development Division.

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	Reading Week Celebration- Commemoration of K.P. Kesavadev Quiz Competition	04/06/2019	26/06/2019	01/07/2019	20
2019	Reading Week Celebration- Book Exhibition of Vaikom Muhammed Basheer	04/06/2019	26/06/2019	01/07/2019	400
2020	Workshop on Environment and Sustainable Development through Healthy Practices (Jan. 7,9,10)	01/12/2019	07/01/2020	10/01/2020	175
2020	Rain or Shade- Umbrella	05/02/2020	09/03/2020	09/03/2020	45

Making  
Workshop for  
Girl  
Students

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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
Human Rights -National Perspective	27/09/2019	27/09/2019	40	25
Women's Day Celebration	06/03/2020	06/03/2020	50	18
Women's Day Celebrations-Oath Taking and Quiz	06/03/2020	06/03/2020	53	18
Women's Day Celebration-Honouring the Maintenance and Cleaning Staff	06/03/2020	06/03/2020	53	18
Women's Day Celebration-Cultural activities, Mehendi and Craft Exhibition	06/03/2020	06/03/2020	53	18
Documentary on Women in Science as part of National Science Day	28/02/2020	28/02/2020	52	43
Gender Sensitisation Program	06/08/2020	06/08/2020	70	25
Soft skill training in umbrella making	09/03/2020	09/03/2020	35	Nil

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

Percentage of power requirement of the college met by the renewable energy sources 2.35

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Braille Software/facilities	Yes	1
Scribes for examination	Yes	3

#### 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	10/04/2019	365	Students Survey and awareness on methods of waste management in Ward 7	Improper methods of waste management in the area. Lack of proper awareness on the importance of solid waste management.	35
2019	1	1	01/08/2019	16	Flood relief camp	Lack of infrastructure, essential materials and financial aid to run relief camp in the western part of Kochi during the 2018 flood havoc in Kerala	100
2019	Nil	1	01/11/2019	16	collection of materials for the flood relief camps	Shortage of essential materials for the flood victims	99

						in relief camps.	
2019	1	1	03/06/2019	365	Student Projects on local environmental issues	High level of pollution and food adulteration. Increased pest and mosquito populations.	27
2020	Nil	1	06/01/2020	1	Visit to old age home	Old age related problems such as loneliness, agony, pain and depression while living away from their dear ones. Low level of empathy and concern in young youth towards old people.	34
2020	1	1	16/03/2020	3	Preparation and distribution of hand sanitizers to the local community at the time of COVID-19 outbreak	At the time of covid outbreak there was a scarcity in the availability of hand sanitizers. The teaching and non teaching staff of the chemistry department prepared	18

						and distributed hand sanitizes to the local public	
2020	1	1	29/06/2019	1	Career Guidance to School Students	Low levels of understanding about career opportunities	42
Nill	1	1	17/08/2019	30	Flood Relief Activities	Need of volunteers for helping the victims in the relief camps and coordinating relief camp activities.	60
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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)
Student Hand Book and Calendar	01/06/2019	The Hand Book provided to each student who takes admission in the college, is a gateway to objective information about the college. It consists of student code of conduct in line with Mahatma Gandhi University Students' Code of Conduct for maintaining discipline in colleges. Students' Code of Ethics framed by the college is aimed at inculcating human values and professional ethics. The Hand Book familiarizes students with the faculty and non-teaching staff, academic and social atmosphere of the college, UG and PG

programmes offered, working days, class hours, policies of attendance and absence, rules regarding continuous internal evaluation and code of conduct for university examinations. It also includes the measures implemented for curbing ragging, counseling and other remedial steps for student support followed by the college. The Hand Book also furnishes details of Clubs, Committees, Library services, Parent-Teacher Associations and Sports facilities designed to enhance student growth and development.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Invited lecture on "Tiger Conservation" and a documentary shown on "Importance of Tigers" as part of Global Tiger Day.	29/07/2019	29/07/2019	31
Felicitated retired teachers as part of the Teachers' Day Celebrations 2019	05/09/2019	05/09/2019	70
Invited lecture on "Wild life and biodiversity conservation" in the occasion of Wildlife week Celebration 2019	12/10/2019	12/10/2019	38
NSS observed International Day against Drug Abuse and Illicit Trafficking.	26/06/2019	26/06/2019	100
NSS unit observed Van Mahotsavam by planting saplings of herbs in college campus.	07/01/2019	07/01/2019	46

Invited talk by Mr. Bibin Bose, Civil Excise officer and oath taking by students on International Day against Drug Abuse.	26/06/2019	26/06/2019	100
NSS volunteers visited St. Joseph's Old Age Home.	12/11/2019	12/11/2019	35
Visit to Good Hope, an old age home, by Chemistry students.	06/01/2020	06/01/2020	30
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#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Papyrus 2020 -The Student Empowerment and Awareness wing of Science and Quiz Club conducted the programme "Papyrus-The Paper Crafters" to train women on making paper bags and thus promote eco-friendly products.
Green Protocol Committee of the Nature Club put up its recommendations at the college entrance, in all departments, library and college office. All the official functions of the college strictly adhered to implementing the Green Protocol.
Talk by Mujeeb Mohammed, President, Planet@earth, an NGO on protecting the environment.
Nature Club, in association with Planet@earth collected paper waste from campus for recycling and the recycled papers in A4 size were distributed to the departments.
Nature Club provided training to students on how to make vermicompost in the campus and the produce were later used in the campus for organic farming.
Nature Club organised workshops and exhibitions that displayed items made from eco-friendly materials. The students were made aware of the harmful effects of single use plastics.
The plantation drive Vana Mahotsavam, organised by the NSS unit, was celebrated with enthusiasm by students, planting saplings in the campus, thereby becoming a part of the national campaign of conservation of forests and maintaining ecological balance.
Teachers Day celebrated by cleaning the campus, in which teachers also took part along with NSS volunteers and other students.
Students participated in a Plog Run by NSS, spreading the message of saving the environment from the hazards of plastic.
NSS volunteers participated in the programme "Pachathuruthu" / Urban Greenery conducted in association with E-Unnathi and Haritha Kerala Mission.

#### 7.2 – Best Practices

##### 7.2.1 – Describe at least two institutional best practices

Best Practice 1 " GREEN PROTOCOL" We, the Cochin College, as an ecologically responsible and environmentally committed institution implemented the "Green
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protocol" in the year 2018. Green protocol is essentially a set of measures which when implemented results in significant reduction of waste with primary focus on prevention of use of disposables and using reusable alternatives like glass/stainless/porcelain cutleries. We initiated this programme in association with Plan@Earth a voluntary non-profitable organisation registered as a charitable trust. Plan@Earth works in the area of environment conservation by offering solutions for waste management. The College aimed at constantly observing this Green protocol with a view to achieve the following objectives.

Objectives 1. To create awareness among the students and staff about the practice of green protocol for the conservation of environment. 2. To prevent generation of waste and reduce carbon footprint on campus events. 3. To set up a proper system for managing disposables. 4. To build and sustain a new ecological culture in the institution, that will bring about lifestyle changes amongst people in such a way that is environmentally sustainable in the long term. 5. To spread environmental consciousness and responsible waste management practices to the nearby community through awareness programmes

Context Waste management is the biggest crisis we have been facing for the last few years. A deep analysis into the problem of solid waste management will light the fact that, waste becoming an unmanageable problem is a very recent phenomenon that began hardly ten to fifteen years back at the most. Increase in population as claimed by many is definitely not the main reason. If one analyses critically, why only in recent times waste management has become such a big problem, it boils down to one word "Disposables". The use of disposables or the use of one time use and throw away products has increased drastically in the past ten to fifteen years and with it the magnitude of the problem of its disposal.

Disposable water bottles, disposable paper, Styrofoam and plastic cups and plates, disposable food packaging including aluminium and Styrofoam packaging, plastic bags, etc. The biggest challenge is these disposable materials cause mixed waste which can neither be composted (Biodegradable part) nor recycled (the non-biodegradable part) increasing the percentage of inert in a waste stream. As a socially responsible institution in the field of higher education, we felt it obligatory to address this issue. It is in this context that we

started this program. Therefore, Green protocol is essentially a set of measures which when implemented results in significant reduction of waste. The

primary focus is on waste minimization through prevention of use of disposables. Best Practices 2 'PEPPERSAAV'- " Eat healthy live wealthy" Fort Kochi is referred as 'The Queen of Arabian Sea'. Kochi is bestowed with an interesting heritage influence and the eventful history behind the town presents a picture of relaxed grace that reflects a bygone era. Kochi is also well known for its varied styles of cooking and food culture. By adopting this unique food culture of Kochi, The Cochin College launched "Pepper Sav" a food festival in the year 2016 which was aimed to propagate the ethnic cuisine of Kochi. The program has been running continuously for the last four years, once in every year, under the leadership of Department of Commerce in association with Entrepreneurship Development Club of the college. Aims Objectives 1. To present the ethnic and natural culinary culture of Kerala. 2. To develop a good food habit by showcasing and marketing Kochis diverse cuisine. 3. To help the students for developing their entrepreneurial traits. 4. To give a real-life experience to the students about the promotional strategies for selling a product and cash management. 5. To make the community aware of the value of good diet for healthy living. Context Kochi has a diverse, multicultural and secular community consisting of Hindus, Christians, Muslims, Jains, Sikhs, Konkanis and Buddhists among other denominations. The citys pan-Indian nature is highlighted by the substantial presence of various ethnic communities from different parts of the country. As a result, a variety of ethnic food flavors are intertwined with the culture of Kochi. At the same time, unhealthy eating habits like the consumption of fast food and junk food without control and the supply of substandard and adulterated food by the greedy participants in the



food industry invites disease and shortens life expectancy of the people. Therefore, the goal of opening up Kerala's storehouse of traditional culinary culture to the younger generation along with promotion of our healthy and nutritious food habit is very relevant today. It was in this context that we, the Cochin College as a renowned institution located in the heart of Kochi came to this event. Moreover, the program, which is run entirely by the students, paves the way for them to develop their organizational skills and discover entrepreneurial ability.

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

[http://thecochoincollege.edu.in/assets/frontend/igac/AOAR\\_2019-20\\_for\\_website\\_links/Best\\_Practices\\_2019-20.pdf](http://thecochoincollege.edu.in/assets/frontend/igac/AOAR_2019-20_for_website_links/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

**Institutional Distinctiveness** The Cochin College symbolises the aspirations of the people of West Kochi. The college thrives to achieve the twin objectives of fulfilling the academic aspirations and contributing to the societal progress. It has been facilitating the students to get involved in community development programmes. The various clubs, committees and departments chalk out socially relevant programs with the objective in mind. As part of Suchitwa Mission Campaign, waste disposal units were distributed to three schools in the neighbourhood. Workshops were conducted on measures to reduce, reuse and recycle plastic, production of vermicompost from vegetable wastes from nearby market. Students conducted surveys on the solid waste management in west Kochi and awareness campaign was also carried out on the same. Seminars were conducted for creating awareness on food wastage and effective use of it during parties and wedding ceremonies. The students of the college took part in the program for making urban greenery. The college has coordinated The Solar Project Survey in the neighbouring ward conducted by the Cochin Corporation. The institution reaches out to the women in the society by organising talks, awareness classes and workshops on topics such as Aquarium Management and Feed Preparation, umbrella making, financial literacy etc. Creating concern and empathy towards the vulnerable sections of the society, the students are taken for visits to old age homes, orphanages and special schools in the neighbourhood. A unit of the Thanal Palliative Care Centre was started in the college and students are heading with activities in this regard. The institution continued its flood relief activities this year also. Students collected essential materials and handed them over to the district authorities for distribution. When the Covid-19 pandemic broke out, the institution organised awareness class on prevention and control of Covid-19 and other viral diseases. To meet the sudden demand for sanitizers, the Department of chemistry of the College made sanitisers and distributed to offices and shops in the neighbourhood.

Provide the weblink of the institution

[https://www.thecochoincollege.edu.in/assets/frontend/igac/AOAR\\_2019-20\\_for\\_website\\_links/Institutional\\_Distinctiveness\(2019\).pdf](https://www.thecochoincollege.edu.in/assets/frontend/igac/AOAR_2019-20_for_website_links/Institutional_Distinctiveness(2019).pdf)

### 8.Future Plans of Actions for Next Academic Year

Introduce more add-on and certificate programs to enrich UG curriculum. Start an incubation centre to encourage innovation among students. Apply for STAR college scheme for strengthening the facilities of the science departments. Encourage teachers to use more e learning resources and techniques for enabling effective teaching learning in the online mode. Conduct Orientation for First Year Students

in more structured manner in tune with the guidelines given by UGC. Provide training to the faculty for enabling them to handle online teaching in an effective and efficient manner. Adopt suitable ICT tools for collection and compilation of data for the preparation of AQAR in a paperless manner.