



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

<b>1. Name of the Institution</b>		BISHOP MOORE COLLEGE MAVELIKARA
Name of the head of the Institution		Dr. Jacob Chandy
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		04792303230
Mobile no.		9447430995
Registered Email		bpmoorecollege@gmail.com
Alternate Email		iqacbmc@gmail.com
Address		BISHOP MOORE COLLEGE, Kallumala P O, Mavelikara, Alappuzha district, Kerala-690110
City/Town		Alappuzha
State/UT		Kerala
Pincode		690110

<b>2. Institutional Status</b>	
Affiliated / Constituent	<b>Affiliated</b>
Type of Institution	<b>Co-education</b>
Location	<b>Rural</b>
Financial Status	<b>state</b>
Name of the IQAC co-ordinator/Director	<b>Dr. Ranjith Mathew Abraham</b>
Phone no/Alternate Phone no.	<b>04792303230</b>
Mobile no.	<b>9447958509</b>
Registered Email	<b>ranjithmathewabraham@gmail.com</b>
Alternate Email	<b>iqacbmc@gmail.com</b>

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="http://bishopmoorecollege.org/wp-content/uploads/2020/01/AQAR-Report-2018-19.pdf">http://bishopmoorecollege.org/wp-content/uploads/2020/01/AQAR-Report-2018-19.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://bishopmoorecollege.org/academic-calendar-2018-19/">http://bishopmoorecollege.org/academic-calendar-2018-19/</a>

<b>5. Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
3	A	3.04	2017	03-May-2017	02-May-2022
2	B	2.81	2010	28-Mar-2010	27-Mar-2015

<b>6. Date of Establishment of IQAC</b>	<b>01-Apr-2005</b>
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<b>7. Internal Quality Assurance System</b>
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Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Counselling And Spiritual Empowerment Programme, MEET 2020	25-Jan-2020 1	150
One Day National Workshop On MOOC, SWAYAM And Econtent Development	29-Feb-2020 1	100
National Seminar on	09-Jan-2020 2	250
Provided technical support to Teaching Staff for the introduction of online classes - Google Meet, Google classroom, Zoom and Learning Management Systems (LMS) like moodle (linked to the College website)	01-May-2020 30	58
Registration of the College as a Participating Institute (PI) under the Unnat Bharat Abhiyan (UBA) programme of the MHRD	05-Feb-2020 1	50
One Week online FDP on	23-May-2020 7	150
Felicitation meeting for Prof. Rekha K, Kerala Sahitya Academy Award Winner - under StEP	13-Jan-2020 1	80
Induction Training Programme for Newly Appointed Non teaching Staff - under StEP	14-Oct-2019 5	11
Merit Day-2019	30-Aug-2019 1	700
Orientation For Staff regarding University Examinations - under StEP	08-Aug-2019 1	80
<a href="#">View File</a>		

**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
Science Departments (Physics, Chemistry, Zoology, Botany)	DBT STAR College Scheme	DBT	2017 1095	4700000

and Biotechnology)				
Dr. Reshmi S (Department of Chemistry)	Major Research Project	DST	2017 1095	3135000
Dr. Arun Aravind (Department of Physics)	SARD Project	KSCSTE	2017 1095	3110000
Dr. D Sajan (Department of Physics)	Major Research Project	UGC DAE	2017 1095	711960
Department of Chemistry	Science Enrichment Program for High school students	SIET Kerala	2019 03	150000
Bishop Moore College	National Seminar on Scientific Solutions for sustainable rebuilding of Kerala in the post flood scenario	Directorate of Environment & Climate Change, Govt. of Kerala	2020 2	60000
Department of Physics	Winter School on Materials and Molecular Simulation using open source softwares: From Theory to practice	CSIR	2019 7	50000
Department of Botany and Biotechnology	National Seminar On Current Trends And Advances In Biological Sciences (CTAB-2020)	CSIR	2020 3	25000
Departments of Physics and Chemistry	National Science Day Celebrations	KSCSTE	2020 1	10000
Department of Chemistry	World Environment Day Celebration	KSCSTE	2019 1	10000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
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Upload latest notification of formation of IQAC	<a href="#">View File</a>
<b>10. Number of IQAC meetings held during the year :</b>	5
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. Participation in NIRF ranking 2019 (NIRF data submitted on 29 November 2019)  
 2. Induction Training Programme for Newly Appointed Non teaching Staff organised under StEP (14 18 October 2019)  
 3. CAS screening committee was organized for promotion of Assistant Professors in the departments of English, Zoology, Chemistry, Commerce and Physics  
 4. Merit Day organised. University toppers in the College and the toppers in each department were given mementos, certificates and cash awards. Chief Guest: Shri. Abraham Renn IRS. (30 August 2019)  
 5. Organised a One Week online FDP on "Higher Education During COVID Times and After: Opportunities and Challenges" in academic collaboration with KSHEC (23 29 May 2020)

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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	Achivements/Outcomes
To organise a Seminar related to Post Flood Situation	"National Seminar on ""Scientific solutions for Sustainable Rebuilding of Kerala in the Post Flood Scenario"""
To felicitate the toppers in University examinations	Award Day organised to felicitate the toppers
"To select the best outgoing students of the College through a multi-level selection programme"	STARS of MOORE programme organised and best outgoing students were selected.
"To initiate measures to ensure due promotion of teachers"	"CAS screening committee was organized for promotion of Assistant Professors in the departments of English, Zoology, Chemistry, Commerce and Physics"
To organise orientation/counselling programmes for students	Counselling And Spiritual Empowerment Programme, MEET 2020 Students Retreat Follow Up Session Orientation programme

	organised for first year students
To organise training/orientation programmes for staff	"Orientation For Staff regarding University Examinations - under StEP" "Induction Training Programme for Newly Appointed Non teaching Staff - under StEP" One Day National Workshop On MOOC, SWAYAM And Econtent Development One Week online FDP on "Higher Education During COVID Times and After: Opportunities and Challenges" Organised "Winter School on Materials and Molecular Simulations using Open Source Softwares" Provided technical support to Teaching Staff for the introduction of online classes - Google Meet, Google classroom, Zoom and Learning Management Systems (LMS) like moodle (linked to the College website)
To initiate quality measures based on feedback from stakeholders	Online Previous Years University Question Papers Portal made available on website, Construction of New Library Complex progressing
To collect and analyse feedback from stakeholders	Feedback from stakeholders collected, analysed and measures taken for improvement
To participate in NIRF rankings	Participated in NIRF rankings 2019. The College was ranked 76 in the colleges category in India.
To submit AQAR before 31 December 2019	AQAR submitted on 19 December 2019
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
Staff Council	08-Mar-2021

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2020
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Date of Submission	28-May-2020
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<b>17. Does the Institution have Management Information System ?</b>	No
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## 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 College Level Monitoring Committee (CLMC) of the College monitors and ensures effective delivery of the curriculum. The Principal convenes the CLMC which comprises of the Heads of the Departments. It is through these CLMC meetings, conducted every month, that the ways and means to implement the curriculum effectively is planned. In these meetings, the schedule of internal examinations and conduct of other curricular and extracurricular activities are finalised according to the University academic calendar. The action plan for the semester is charted out at the Department level, through the Department Level Monitoring Committee (DLMC), comprising of the Heads and Course Co-ordinators of the respective Departments based on the decisions of the CLMC. Course Coordinators are entrusted with the task of overseeing the proper implementation of the curriculum by setting a semester plan, where in the syllabus is distributed evenly within a semester. Each department prepares and submits the action plan. Teachers' diary is maintained by individual teachers which records their academic activities. Heads of the Departments verify the diary periodically which is counter-signed by the Principal. Most of the departments use black/glass/white boards as well as smart interactive boards for teaching learning process. Online curriculum delivery is effectively carried out through online platforms like Google meet and Google classroom. All the departments conduct courses in MOODLE -an Open source platform which is linked to the college website, for effective curriculum delivery. The college, being affiliated to the University of Kerala follows the syllabi and academic calendars prepared by the University for the effective implementation of the curriculum. New Initiatives PG Entrance and JAM Coaching classes Effective utilization of DBT-STAR and DST-FIST like grants for the science departments Summer Workshop for second year B.Sc. students on Foundations of Mathematics. State of the art Laboratory facility and virtual labs for students Sharing of teaching materials, conducting Quiz and assignments directly as well as through online platforms like MOODLE and Google Classroom. Students are motivated to publish papers in journals as well as carry out Summer Research Projects in Reputed Institutions. Incorporation of various arts forms in pedagogy (Nadanpattu, Kathakali, etc in Malayalam) Problem solving Workshops and Hands on training for the students Interactive programmes with eminent scientists Knowledge enriching seminars and Invited Lectures by eminent professors.

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
Additional Skills Acquisition Programme	Nil	01/11/2019	21	Employability	English Language Skills
Nil	Add On Course on Web Designing and Office Automation	02/09/2019	180	Employability	Web Designing and Office Automation

Nil	Add On Course on Polymer Nano composites	01/09/2019	180	Employability	Nil
Certificate Course on Manual Accounting, Tally and GST	Nil	01/11/2019	90	Employability	Manual Accounting

## 1.2 – Academic Flexibility

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

Programme/Course	Programme Specialization	Dates of Introduction
BA	New course Intermediate Microeconomics in BA Economics Programme	03/06/2019
<a href="#">View File</a>		

### 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
Nil	Introduced CBCS IN 2010 for all degree programmes	Nil

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

	Certificate	Diploma Course
Number of Students	25	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
Additional Skills Acquisition Programme	01/11/2019	30
Add On Course on Web Designing and Office Automation	02/09/2019	28
Add On Course on Polymer Nanocomposites	02/09/2019	32
Certificate Course on Manual Accounting, Tally and GST	01/11/2019	64
Skill Development Programme for Women	01/07/2019	50
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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
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MSc	Physics	5
BA	Economics	38
BSc	Zoology	31
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## 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

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

Feedback Obtained
<p>The College has a formal mechanism of obtaining feedback from students, parents and alumni to evaluate the efficacy of the programmes and services provided by the College. The system is developed and modified by the IQAC. The IQAC takes the lead in gathering feedback: from the students, regarding teacher performance and the curriculum from parents and alumni regarding quality related institutional processes and from faculty members and nonteaching staff. Feedback from parents is obtained through PTA meetings conducted both in the college level and in the department level. Through an open forum provided during these meetings, the parents are free to express their views about the college and about the programmes conducted in the college. Both criticisms and suggestions are noted down by the principal/HODs and measures to improve the same are taken. The feedback on curriculum is collected from students and stakeholders and these are communicated to the University through the Board of studies members during the syllabus revision.</p>

## 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
BCom	Finance	52	3371	52
BSc	Zoology	38	2806	33
BSc	Physics	38	1995	36
BSc	Mathematics	48	1333	36
BSc	Chemistry	38	2100	35
BSc	Botany and Biotechnology	29	1278	27
BSc	Botany	38	2438	38
BA	Malayalam	42	2282	42
BA	English	43	3953	43
BA	Economics	50	2286	50

## 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	1347	109	20	Nil	38

## 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
73	73	8	10	2	12

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

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

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

Bishop Moore College has implemented warden system and programmes like Walk With a Scholar (WWS) and Scholar Support Programme (SSP) to mentor both bright and weak students equally. In warden system, a teacher is given charge of a full class so that the problems of the wards can be identified and managed by the corresponding teacher. The academic progression of the students is closely monitored and guidance at each level is rendered to the wards through this system. A record of this monitoring is maintained by the warden through 'Mentee's Chronicle', a register which covers all aspects of the student including their academic performance, cocurricular activities, meetings with the students and their parents etc. SSP is a programme meant to identify and support weak students by giving them special classes so that they get improved in their academics. In this system, a preliminary test will be conducted to identify the students who are very weak in the subjects, special attention is given throughout the year through special classes and the improvement is assured by tests that are conducted at the end of the year. In WWS, willing students with at least 60 marks in their higher secondary exam are given opportunity to improve their outlook towards future and help them identify their areas of further studies. Through this platform, the soft skills of students are developed by offering them classes by stalwarts in the respective fields.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1456	58	1 : 25

## 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
58	58	5	Nil	20

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

Year of Award	Name of full time teachers receiving awards from state level, national level,	Designation	Name of the award, fellowship, received from Government or recognized
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	international level		bodies
2020	K. Rekha	Assistant Professor	J.C.C Vaikom Muhammed Basheer Award
2019	Siji K Mary	Assistant Professor	Indian Patent
2019	Rekha Rose Koshy	Assistant Professor	Indian Patent
2019	Dr. Arun Aravind	Assistant Professor	Jawaharlal Nehru Centre For Advanced Scientific Research, Visiting Fellowship award
<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	235	6	08/06/2020	27/08/2020
BSc	230	6	08/06/2020	27/08/2020
BSc	250	6	08/06/2020	27/08/2020
BSc	245	6	08/06/2020	27/08/2020
BSc	247	6	03/07/2020	27/08/2020
BSc	220	6	08/06/2020	27/08/2020
BA	130	6	30/06/2020	27/08/2020
BA	150	6	30/06/2020	27/08/2020
BA	115	6	29/06/2020	27/08/2020
BCom	159	6	29/06/2020	21/08/2020
<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 (CIE) system is monitored by the College Level Monitoring Committee (CLMC). CLMC constitutes the Principal as the Chairperson, Heads of departments, elected representatives of teachers in the College Council and a student representative. A member selected by the CLMC from among the Heads of the Departments shall be the Convenor. Department Level Monitoring Committee (DLMC) consisting of the Head of the Department and all teachers of the Department shall monitor the conduct of Courses and evaluation under CIE. The Head of the Department shall be the Chairperson and a teacher selected by DLMC from among the members shall be the Convenor. The College has a full-fledged Internal Examination Cell under the governance of CLMC for the smooth conduct of Centralized Internal Examination. The CLMC selects two faculties as the Coordinators of the Internal Examination cell. They are responsible for the preparation of time table and invigilation duty list, collection of question papers from concerned course advisors, sorting of question papers, smooth conduct of examination and the distribution of answer

scripts to concerned faculties. The Internal Examination Cell, DLMC, and CLMC jointly announce the dates for the distribution of corrected answer scripts to the students. Thus, they make sure that the best possible outcomes are assured. The College also offers facilities to solve their grievances regarding internal examination scores. Attending the internal examination is mandatory. Retest is conducted for students who have not attended the same due to genuine reasons. Internal Examination for post graduate students are conducted at the department level. The institution strictly follows the criteria given by the University for Continuous Internal Evaluation (CIE).

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

Since the College is affiliated to the University of Kerala, we strictly adhere to the academic calendar given by the University. The College prepares an academic calendar based on the University calendar to schedule, plan and implement the upcoming events. The College schedules the dates for assignment submission, centralized internal examination, returning of valued answer scripts, publishing of CE marks, and submission of project/ dissertation to the College, by following the academic calendar published by the University. The CLMC gives timely notification about the dates to the faculty members as well as students.

## 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://bishopmoorecollege.org/courses/>

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
235	BSc	Chemistry	33	22	67
159	BCom	Finance	51	37	73
230	BSc	Physics	31	23	74
250	BSc	Zoology	31	24	77
220	BSc	Mathematics	36	28	78
130	BA	English Language and Literature	47	38	81
636	MSc	Analytical Chemistry	12	5	42
630	MSc	Physics	12	9	75
645	MSc	Botany	12	11	92
530	MA	English Language & Literature	16	15	94

[View File](#)

## 2.7 – Student Satisfaction Survey

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

<http://bishopmoorecollege.org/wp-content/uploads/2021/04/FEEDBACK-ANALYSIS-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	DST	3135000	750000
Major Projects	1095	UGC DAE	711960	249000
Major Projects	1095	KSCSTE	3110000	43000

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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
Seminar on IPR by Mrs. Uma Bhasker Mr. Anshalsourashtri, Senior Consultants and Patent agents, Krishna Sourashtri Associates, LLP, Bangalore	Department of Chemistry	19/07/2019
National Workshop on MOOC, SWAYAM and E-Content Development	Department of Commerce and IQAC in association with Multimedia Research Centre, Calicut	29/02/2020
Seminar on New Educational Policy and Educational Landscape of India	Department of Economics	26/02/2020
Winter School on Materials and Molecular Simulations using Open Source Softwares: From Theory to Practice	Department of Physics	16/10/2019
National Conference Bioradiance 2019: Toxicity and Current Perspectives	Department of Chemistry and Pushpagiri Institute of Medical Sciences Reseach Centre	05/07/2019
E Summer School on Advanced Functional Materials for Energy Harvesting, Storage and Biomedical Applications	Department of Physics in academic collaboration with KSHEC	13/05/2020

Training on Mushroom Cultivation and Marketing	Department of Zoology	24/01/2020
Talk on "Growth Trajectory in the Kerala Economy since 2010"	Department of Economics	14/10/2019
Bishop MM John Lecture-2019 on "New Education Policy and the Educational Landscape of India"	Department of Economics	26/02/2020
Seminar on "Statistical science for scientific research"	Department of Economics	27/08/2019

### 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
Patent on CRYSTALLINE CHITIN NANO WHISKER AND COMPOSITES THEREOF	Rekha Rose Koshy	Government of India	14/01/2020	Indian Patent
Patent on CRYSTALLINE CHITIN NANO WHISKER AND COMPOSITES THEREOF	Siji K Mary	Government of India	14/01/2020	Indian Patent

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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
Physics Research Centre - Centre for Advanced Functional Materials	Centre for Advanced Functional Materials	DST-FIST, KSCSTE SARD	Centre for Advanced Functional Materials	Research on developing Advanced Functional Materials	01/01/2019
Chemistry Research Centre	Centre for Nanoscience and Human Milk Research	DST	Centre for Nanoscience and Human Milk Research	Research on Nanomaterials and developing human milk powder for pre-term infants	14/01/2020

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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

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

Name of the Department	Number of PhD's Awarded
Department of Physics	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Physics	12	3.2
International	Chemistry	3	3.67
National	Malayalam	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
Department of Chemistry	9
Department of Malayalam	5
Department of Botany and Biotechnology	3

[View File](#)

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Experimental and DFT/TD-DFT approach on photo-physical and NLO properties of 2,6-bis (4-chlorobenzylidene) cyclohexanone	Jesby George , A.K. Thomas , D. Sajan , S. Sathiya moorthi , P. Srinivasan , Nithin Joy ,Reji Philip	Optical Materials	2020	24	Bishop Moore College, Mavelikara, Kerala, India	1
Molecular structure, NLO properties and vibrational analysis of L-	Nimmy L. John , Sunila Abraham, D. Sajan , Reji Philip , Nithin Joy , R.Chitra	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2020	24	Bishop Moore College, Mavelikara, Kerala, India	4

Histidine tetra fluro borate by experimental and computational spectroscopic techniques						
Synthesis, physicochemical properties and third-order optical nonlinearities of cadmium (II) dibromide L - Proline monohydrate for optical limiting applications	Rejeena V. Rajan , Lija K. Joy , D. Sajana , A.K. Thomas , S. Sathiskumar, T. Balakrishnan , G. Vinitha	Journal of Molecular Structure	2020	24	Bishop Moore College, Mavelikara, Kerala, India	2
Crystal growth, dielectric studies, charge transfer and ionic hydrogen bonding interactions of L-arginine hydrobromide monohydrate single crystal: A novel third order nonlinear optical material for optoelectronic applications	Jerin Susan John, M. Saravana Kumar, Lija K. Joy, D. Sajana, G. Vinitha, N. Vijayan , Nimmy L. John	Optics and Laser Technology	2020	24	Bishop Moore College, Mavelikara, Kerala, India	1
Computat	Jerin	Spectroc	2020	24	Bishop	Nil



ional analysis of vibrational spectroscopic properties and hyperpolarizability of silver adsorbed organic molecule, N,N' Dimethyl Urea Ninhydrin	Susan John, D. Sajan	himicaActa Part A: Molecular and Biomolecular Spectroscopy			Moore College, Mavelikara, Kerala, India	
Synthesis and third order optical nonlinearity studies of toluidine tartrate single crystal supported by photophysical characterization and vibrational spectral analysis	Merin George, J. Balaji, D. Sajan, Priya Dominic, Reji Philip, G. Vinitha	Journal of Photochemistry and Photobiology A: Chemistry	2020	24	Bishop Moore College, Mavelikara, Kerala, India	6
Nonlinear optical and photocatalytic dye degradation of Co doped CeO2 nanostructures synthesized through a modified combustion technique	Stephy Elizabeth George, Merin George, Javeesh Alex, Lija K. Joy, Arun Aravind, D. Sajan, Abhishek Thakur, Shamima Hussain, G. Vinitha	Ceramics International	2020	24	Bishop Moore College, Mavelikara, Kerala, India	3
Alginate film modified with aloe vera gel and	Deepa Thomas, Meetha S. Nath, Neethu Mathew, Reshmy R,	Journal of Drug Delivery Science and Technology	2020	4	Bishop Moore College, Mavelikara, Kerala, India	7

cellulose nanocrystals for wound dressing application: Preparation, characterization and in vitro evaluation	Eapen Philip, M.S.Latha					
Development of starch based intelligent films by incorporating anthocyanins of butterfly pea flower and TiO <sub>2</sub> and their applicability as freshness sensors for prawns during storage	Siji K. Mary, Rekha Rose Koshy, Jomol Daniel, Jijo Thomas Koshy, Laly A. Pothan and Sabu Thomas	RSC Advances	2020	5	Bishop Moore College, Mavelikara, Kerala, India	1
Preparation and evaluation of alginate nanoparticles prepared by green method for drug delivery applications	Deepa Thomas, K.Kuriyan Thomas, M.S.Latha	International Journal of Biological Macromolecules	2020	4	Bishop Moore College, Mavelikara, Kerala, India	4

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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
Nill	Dr. D Sajjan	Nill	Nill	24	Nill	Nill
Nill	Dr. Arun	Nill	Nill	10	Nill	Nill

	Aravind					
Nill	Dr. Prakash G williams	Nill	Nill	8	Nill	Nill
Nill	Dr. Lynnette Joseph	Nill	Nill	7	Nill	Nill
Nill	Dr. Lija K Joy	Nill	Nill	7	Nill	Nill
Nill	Dr. Tressia Alias Princy Paulose	Nill	Nill	6	Nill	Nill
Nill	Siji K Mary	Nill	Nill	5	Nill	Nill
Nill	Rekha Rose Koshy	Nill	Nill	5	Nill	Nill
Nill	Deepa Thomas	Nill	Nill	4	Nill	Nill
Nill	Dinesh Raj R	Nill	Nill	4	Nill	Nill
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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	5	50	58	58
Presented papers	1	5	3	Nill
Resource persons	Nill	2	5	5
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### 3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
National Seminar on "Scientific Solutions for Sustainable Rebuilding of Kerala in the Post Flood Scenario"	Department of Physics, IQAC and DBT STAR College Scheme in association with Directorate of Environment Climate Change (DoECC), Govt. of Kerala	9	120
Training on paper bag making	Bhoomithrasena unit	2	25

Training program on 'Mushroom Production and Marketing' for students, parents, staff and public	Departments of Zoology, Botany and Biotechnology in association with the Krishi Vigjan Kendra, Alappuzha	14	100
In-house preparation of hand sanitizers following the WHO procedures and has distribution of sanitizers to neighboring police stations, Govt. Hospital, Mavelikara Jail, DD Office Kollam and the local communities	Department of Chemistry	8	5
The Gifted Children Program	Science Departments in association with the Department of Education, Government of Kerala	25	100
Anti-Drug Day Awareness Programme	NSS	2	100
Flood Relief Activities	College, NSS	15	250
Cleaning Camp At Mavelikara Railway Station Premises	NSS	2	100
Shasthrajalakam - Science Education Programme for School Children	Science Departments	10	100
Distribution of hand made Paper Bags to Local Shops	Bhoomithrasena	2	25
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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
LOU with WWF India	Letter of Understanding	WWF India	30
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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
Ekata Din observance	NSS	Ekata Din Pledge	3	60
Poshan Abhiyaan	NSS	Nutritional Awareness Programme	2	100
Anti-Drug Day Awareness Programme	NSS	Anti-Drug Day Awareness Programme	2	100
Swachh Bharat	NSS	Swachbarath Pakshaacharanam	2	100
Swachh Bharat	NCC	Observation of Swachh Bharat Abhiyan	2	50
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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
Major Research Project	Dr. D sajan	UGC DAE Consortium for Scientific Research	1095
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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
Summer Project	Fabrication and characterisation of particle board from coir bit fibres	Central Coir Research Institute, Alappuzha, Ms. Sumi Sebastian Senior Scientific Officer Central Coir Research Institute, Alappuzha, Kerala sumisebastian@gmail.com Tele: 0477 2258415	01/04/2019	30/05/2019	. Jincy Joseph, M.Sc. Chemistry student

Summer Project	A theoretical study on direct and solvent assisted thione-thiol tautomerism in thiosemicarbazone	University of Kerala Karyavattom Campus, Dr. E. G. Jayasree Assistant Professor Department of Chemistry University of Kerala Karyavattom Campus jalam bal@gmail.com Mob: 9746790202	01/04/2019	30/05/2019	Gouri V. Nair, M.Sc. Chemistry student
Summer Project	Comparison of macronutrients potential of soils of Kerala and Andhra Pradesh	Fertilisers and Chemicals Travancore, Udyogamandal, Kochi, Mr. Pradeep P. Fertilisers and Chemicals Travancore, Udyogamandal, Kochi, Kerala	01/04/2019	30/05/2019	Anjana S., M.Sc. Chemistry student
Summer Project	Diastereoselective synthesis of dihydroxy indolizidine derivatives	Indian Institute of Technology, Kanpur, Dr. Ramesh Ramapanicker Associate Professor, Department of Chemistry Indian Institute of Technology, Kanpur rameshr@iitk.ac.in Tele: 0512 259 6684	01/04/2019	30/05/2019	Alina Elsa Chacko, M.Sc. Chemistry student
Summer Project	Studies on Graphene Nanoplatelets incorporated Nylon6 or Polypropylene blends	Indian Institute of Space Science and Technology, Prof. Kuruvilla Joseph	01/04/2019	30/05/2019	Sreelakshmi M S, M.Sc. Physics student

		Department of Chemistry Indian Institute of Space Science and Technology, Thiruvananthapuram			
Summer Project	Synthesis, Characterization and Nonlinear Optical study of Silver Nanoparticles	Raman Research Institute, Bangalore, Dr. Reji Philip, Professor, Raman Research Institute, Bangalore	01/04/2019	30/05/2019	Jyothish Raj J, M.Sc. Physics student
Summer Project	Controlled Collapse of liquid marbles	National Institute of Technology, Calicut, Dr. Subramayan Namboothiri Varanakkottu, Assistant Professor, Department of Physics, NIT Calicut	01/04/2019	30/05/2020	Gayathri S, M.Sc. Physics student
Summer Project	Electromagnetic Interference Shielding Effectiveness Studies of C-Si Aerogels	Indian Institute of Space Science and Technology, Prof. K Prabhakaran Department of Chemistry Indian Institute of Space Science and Technology, Thiruvananthapuram	01/04/2019	30/05/2019	Anjana K Nampoothiri, M.Sc. Physics student
Summer Research Project	Science Academies Summer Research Fellowship Programme	Bhabha Atomic Research Centre, Mumbai, rkva tsa@barc.gov.in	01/04/2019	30/05/2019	S Devisaranya, M.Sc. Physics student
Summer Research	Science Academies	Bhabha Atomic	01/04/2019	30/05/2019	V Vipulkumar,

Project	Summer Research Fellowship Programme	Research Centre, Mumbai, vkaswal@apsara.barc.gov.in		M.Sc. Physics student
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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
Keltron Electronics Corporation	24/02/2020	Offering Skill development Courses for students	50
Pushpagiri Institute of Medical Sciences, Thiruvalla	14/02/2019	National Conference Bioradiance 2019: Toxicity and Current Perspectives jointly organised Centre for Human Breast Milk Research established Students Internships provided at the centre	12
World Wildlife Fund India	14/10/2019	Seminars, Quiz and Awareness related to Wild Life Conservation	112
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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
4000000	4011000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing



Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
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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	Fully	18.11	2017

##### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	53143	5886861	130	37845	53273	5924706
Reference Books	10832	526195	Nil	Nil	10832	526195
Journals	20	23275	2	1830	22	25105
Others (specify)	26	32513	Nil	Nil	26	32513
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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. D Sajan	Energy Physics	Moodle LMS	01/05/2020
Dr. Lynnette Joseph	Fundamentals of Computer Science	Moodle LMS	24/04/2020
Merin George	Magnetic Properties of Materials	Moodle LMS	02/04/2020
Dr. Arun Aravind	Materials Science - II	Moodle LMS	30/04/2020
Dr. D Sajan	Nuclear and Particle Physics	Moodle LMS	01/05/2020
Dr. Arun Aravind	Quantum Statistics	Moodle LMS	01/05/2020
Dr. D Sajan	Research Methodology	Moodle LMS	30/04/2020
Dr. Prakash G Williams	Microbial Genetics and Diseases	Moodle LMS	29/05/2020

Dr. Santhi W S	Biophysics	Moodle LMS	15/05/2020
Dr. Santhi W S	Bioinstrumentation	Moodle LMS	08/05/2020
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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	127	53	24	18	22	18	16	40	0
Added	2	0	0	0	0	1	1	60	0
<b>Total</b>	<b>129</b>	<b>53</b>	<b>24</b>	<b>18</b>	<b>22</b>	<b>19</b>	<b>17</b>	<b>100</b>	<b>0</b>

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

100 MBPS/ GBPS
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##### 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
Moodle	<a href="http://bishopmoorecollege.org/moodle/">http://bishopmoorecollege.org/moodle/</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
800000	765234	1350000	1339587

##### 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 Management, Governing Council, IQAC, Staff Council, Departments and various committees work together to cater to the needs of teaching and learning community. They are entrusted with the responsibility of ensuring that the college expands its physical infrastructure as per the demands of its academic growth. The college has a formal Infrastructure Committee with sub committees for Hostel, Canteen, Library, and Book Stall, which work out the additional requirements of various academic units, and ensures that adequate physical infrastructure is in place for all courses being run as well as for the new courses being introduced. The infrastructural requirements as well as upgrading of the existing facilities of each Department are discussed and listed in Department meetings. Judicious allocation of funds for various purposes is done by making use of funds from the UGC accounts, PD accounts and Management funds. These committees also serve in ensuring the optimal utilization of the available infrastructure by students as well as other stake holders. Interdisciplinary Research Committee ensures that the institution utilises maximum funds from various agencies like the UGC, DST, FIST, RUSA and KSCSTE. Proper utilization of sanctioned funds and maintenance of records are monitored by the committee. Optimal utilization as well as timely maintenance of major

equipments by the respective companies/suppliers is also ensured. Extra expenses if any are met by the Management. HoDs and Senior Superintendent are authorized to ensure upkeep of equipments. Budget for development of infrastructure is allotted from Management funds as well as from various agencies like UGC, DST, KSCSTE etc. Feedback obtained from students is analysed by IQAC and is taken into account while proposals for infra structure development are submitted before the Governing Council. Project Execution Committees: DBT STAR Committee, KSCSTE SARD Committee and RUSA Committee The government funds utilized during 2018-19 were the DBT STAR College fund for the development of Teaching Learning facilities for Undergraduate level teaching, DST FIST scheme for development of Research Departments and the KSCSTE SARD scheme for the setting up of the Centre for Advanced Functional Materials of the Department of Physics. Proper and timely utilization of the funds under these schemes are ensured by the respective project execution committees. RUSA scheme of Government of India was sanctioned during the academic year 2018-19 with the objective of enhancing the academic ambience of the institution. A funding of Rs. 2 crores was sanctioned under the scheme. Library Advisory Committee : It consists of the Librarian, senior faculty members, student representatives and library staff as its members. The committee advices on purchase and acquisition of titles, journals, periodicals and ensures utilization of funds available under various schemes like UGC, P.D. account, Library fee, etc. It supervises the allocation and utilization of funds for various departments. Accordingly, the Principal/UGC Committee allots a specific amount from the Library Fee and UGC fund respectively to each Department in order to purchase books. The list of titles prepared by each Department is verified and sanctioned by the Library Committee.

<http://bishopmoorecollege.org/wp-content/uploads/2019/12/Infrastructure-policy.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	Endowments, Merit Scholarships	34	52500
Financial Support from Other Sources			
a) National	E-grantz	932	3600000
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 implemetation	Number of students enrolled	Agencies involved
Training Programme for Competitive Exams	30/10/2019	73	Career Guidance Cell
Personal Counselling	03/06/2019	25	Professional Counsellor
Bridge Course	01/08/2019	205	Science laboratories
Orientation	02/09/2019	486	IQAC

Programme for first year students			
Career Orientation Programme	30/07/2019	79	Career Guidance Cell
Civil Service Orientation Programme	24/02/2020	52	Career Guidance Cell
Induction Training Programme for Newly Appointed Non teaching Staff	14/10/2019	11	IQAC
Counselling And Spiritual Empowerment Programme, MEET 2020	25/01/2020	150	IQAC, Spiritual Empowerment Cell
National Workshop On MOOC, SWAYAM And Econtent Development	29/02/2020	100	IQAC, Department of Commerce
Training Programme for Group Discussion	20/01/2020	71	Career Guidance Cell
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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 scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Career Orientation Programme	Nil	79	Nil	10
2019	Training Programme for Competitive Exams	73	Nil	10	10
2020	Training Programme for Group Discussion	71	Nil	Nil	10
2020	Civil Service Orientation Programme	52	Nil	Nil	Nil
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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
2	2	1

## 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
SBI Cards	20	3	Wipro, TCS, Federal Bank, Infosys Hexaware Technologies, UTC Global, Amrutha TV, Moore, Byjus	152	10
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### 5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	40	B.Com Finance	COMMERCE	State Universities, Government and Aided Colleges, Management Institutes, ICAI, CMA	M.Com, MBA, CA CMA, ACCA
2020	20	B.Sc. Zoology	ZOOLOGY	Central University of Tamil Nadu, Rajadhani Business School, Mar Athanasius College For Advanced Studies, Thiruvalla, SD College Alappuzha, NSS College Pandalam, MSM College Kayamkulam, Sree	M.Sc Zoology, MSW, MBA, M.Sc. Food Technology and Quality Assurance, D.Pharm, B.Ed.

				Narayana college Cherthala, St. Xaviers college Thumba Tri	
2020	10	B.Sc. Botany and Biotechnology	BOTANY AND BIOTECHNOLOGY	Central University, State Universities, Government and Aided Colleges	M.Sc Botany, Biotechnology
2020	14	B.Sc. Botany	BOTANY	Central University, State Universities, Government and Aided Colleges	M.Sc Botany, Fisheries
2020	19	B.Sc. Chemistry	CHEMISTRY	University College Trivandrum, MSM College Kayamkulam, SD College Alappuzha, NSS College Pandalam, Bishop Moore College, DB College, Pamba, St. Stephens College Pathanapuram	M.Sc Chemistry, Health Inspector Course, ITI
2020	25	B.Sc. Physics	PHYSICS	IIT Palakkad, Pondicherry Central University, National Institute of Technology Warangal, COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY, TK Madhava Memorial College Kollam, Bishop Moore College,	M.Sc Physics, MSc -METEOROLOGY, M.Tech

				Christian College Chengannur, IHRD Mavelikara, Catholicate	
2020	28	B.Sc. Mathematics	MATHEMATICS	Pondicherry University, Kannur University, Cochin University of Science and Technology, University of Kerala, Kariavattom, University College Palayam, St. Stephens College, Pat hanapuram, BJM Govt. College, Chavara, MSM College, Kayamkulam, DB Coll	M.Sc. Mathematics, M.Sc. Statistics, M.Sc. Disaster management, MCA, B.Ed
2020	28	BA English	ENGLISH	Central University, State Unives rsities, Government and Aided Colleges	M A English, Journalism, Communicatio n, Linguistics. MSW
2020	16	BA Malayalam	MALAYALAM	University of Kerala Trivandrum, Sanskrit University, Mahatma Gandhi University	M A Malayalam, LLB, TTC
2020	14	BA Economics	ECONOMICS	State Univ esrsities, Government and Aided Colleges, Management Institutes	MA Economics, MBA
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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
GATE	3
Any Other	5
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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
Arts Festival	College	1456
Onam Celebrations	College	1456
Speak for India - Kerala Edition 2019	Inter-Collegiate	20
Ottan Thullal Presentation	College	1347
Chess Competition	University	110
Flash Mob on Stop Violence against women	College - presented in locality	25
Food fest	College	1456
Annual Sports Meet	College	1456
Kerala University Drama Festival	University	100
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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	NIL	Internat ional	Null	Null	NIL	NIL
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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 College union executive consists of fourteen students elected to various posts through College elections. The representatives in the executive occupy the following seats. •College Union Chairman •Vice Chairperson •General Secretary •College Magazine Editor •Arts Club Secretary •Two University Union Councilors •Two Lady Representatives •Sports Secretary •Representatives of the UG and PG students - first, second and third year. Regular council meetings are held. Arts festival, Annual sports, Food festival, Film festival, publishing of student magazine 'Vidyasarith' are some of the activities organized by the Student council. Students have representation in the IQAC, Library committee, STARS, Student Affairs, Student Grievances Redressal Cell, Committee against Sexual Harassment

5.4 – Alumni Engagement



5.4.1 – Whether the institution has registered Alumni Association?

Yes

The College has a registered Alumni Association established in 1983. The association works to foster the camaraderie among the old students and build a strong and lasting relationship with the Alma Mater. •Class get together, Department get together and Annual General Body are organised by the Association •The Alumni Association is a major stakeholder in the activities of the College. They actively contribute to the institutional, academic and infrastructural developments of the College. One good example of the contribution of Alumni Association to development of the College is the construction of the Golden Jubilee Gate, which was sponsored by the Alumni. •Chitramadhuri' a painting competition is organised for primary school children. •The Alumni Association conducts the Inter collegiate Basket ball tournament for the Bishop Moore Trophy. •Programmes are arranged to honour teachers and distinguished alumni who have made significant contribution to society. • the publication of the Alumni - Publishes twice in a year. •The Alumni Association offers healthy and constructive feedback for the betterment of the institution.

5.4.2 – No. of enrolled Alumni:

1500

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

200000

5.4.4 – Meetings/activities organized by Alumni Association :

Ever since the first batch graduated from the college, the alumni has been a constant help and backbone of the college, and later generations of most of the alumni are a part and parcel of Bishop Moore College. Most of the PTA representatives of the college are our alumni. The college has a very vibrant alumni association. It conducts annual general meetings and also meet at least once in a month. In addition, each department organizes their own alumni meets. The Golden Jubilee Economics Alumni Meet was held in the college Auditorium on 10 March 2018 in which around 600 alumni members (Economics) participated. The alumni, as a body, meet regularly in different parts of the world also among which Alumni Association Kuwait (AAK) Chapter is very much vibrant. The alumni association is one of the sources of revenue for the college. The financial support given by the alumni is appreciable. The association extends support for all the necessities and endeavors of the college. A few instances of the financial support offered by them during the last five years are stated below. An amount of Rs.3,00,000 as part of Golden Jubilee celebrations was provided for the construction of the main gate of the college. An amount of Rs.1,00,000 for the flood relief fund in 2019. An amount of Rs.4,25,000 for building houses for the needy They gave Rs. 20,000 to provide the students with mobile phones during Covid time to attend their online classes. An amount of Rs. 25,000 was contributed for tiling the B.Sc. physics final year classroom An amount of Rs. 10,000 was earmarked for purchasing stage curtains for college auditorium. A laptop was donated for a needy student by Alumni Kuwait Chapter. Scholarships/Endowments instituted: ALUMNI UAE CHAPTER Cash Award To students securing highest marks in every subject in the final year University Examination (P.G U.G.). An amount of Rs.20,000 was instituted as student scholarship, in memory of an alumnus, Sivan. In addition to these, the college gets the expertise knowledge and support from various alumnus for organizing various activities like job fairs, construction work, motivational talks, orientation programs, training programs, seminars, workshops, etc. They also provide technical advice and remains as an option for expert advice in the

field of arts and sports. They also give their opinions on different activities by various clubs. A few of the Alumni interaction with students are given below: Mr. N.S. Dev IRS, AC, Central Excise and Customs was the Chief Guest of Merit Day 2019 Rubie M.Sam, research Scholar, Agro Paris Tech, France talked on Mendeley Software in 2016 Mr. Sony Thomas, personality development trainer, USA, took class on How to Grow Self in 2016 The college places on record with gratitude the support offered the Alumni association during NAAC accreditation in 2016. The publication 'MA' - Moore Alumni, is a new initiative of the college alumni association.

## 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)

Each Department in the college has an association which is headed by a student convener of the concerned department. This association is in charge of all the activities of the Department during the academic year. The association has as its members all the students and faculty of the Department. The activities of the entire year are charted by this association and the decisions taken by the students are endorsed at the department and college level. Association activities include conduct of seminars, competitions and discussion forums as part of student responses to socially relevant issues. The association provides a platform to the students to interact with scholars from various fields, to develop leadership qualities, to improve their interpersonal skills and to broaden their perspectives. The Departments and the college provide the resources for all the initiatives of the associations. For example, the English Association as part of the various events for the year conducts Laurel Literaria, a vibrant and creative event conducted annually from 2000 onwards. The two day event is organized by the students of the Department with a programme committee comprising of the students and faculty members. The students play a significant role in the conduct of the programme which marks the culmination of the Department activities of the year. As part of Laurel Literaria an inter-collegiate quiz is conducted with faculty members from the college or neighbouring colleges as Quiz Master. The various activities enable the students to develop and hone their skills.

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

No

### 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	Bishop Moore College is affiliated to the University of Kerala. So the Centralized admission procedure of the University is strictly followed by the College. The sanctioned seats for each programme are earmarked for the various categories in the following manner: General Category (50), SC (15), ST (5), Community Quota (10) and Management Quota (20). Students submit their applications to the various Degree/PG programmes in the Kerala University Admission Portal and the University

allots rank lists for admission, based on the index marks of the students. The admissions are carried out in several allotments, as per the instructions and rank lists provided by the University.

Industry Interaction / Collaboration

MoU signed between the College and Keltron Electronics Co-operation for Offering Skill development Courses for students. A letter of understanding is signed between the College and World Wildlife Fund India. The department of Physics has a collaborative Major Research Project with UGC-DAE Consortium for Scientific Research

Human Resource Management

The Human Resource requirements are assessed and adequate strategies are formulated. Teachers, nonteaching staff and students are provided with opportunities and incentives to better their output. For instance, an induction programme is conducted for fresh recruits to the administrative section. The potential of the teaching and nonteaching staff is tapped by acknowledging their talents and skills. The students are provided opportunities in from of STARS, NCC, NSS and other extension activities to hone their skills and excel in curricular and cocurricular activities.

Library, ICT and Physical Infrastructure / Instrumentation

The institution provides Laptop/Notebook, LCD projector white board facilities for ICT enabled teaching. The College was selected for a financial assistance of rupees Two Crore under the RUSA scheme of Govt. of India. An open air theatre was set up near the Botany Department.

Research and Development

The College encourages its faculty to pursue research in the relevant disciplines and to publish research articles and papers in Peer Reviewed Journals. Teachers and students are encouraged to participate in seminars, workshop, conferences and similar activities organised by the State and National agencies. There was a substantial increase in the number of Research Guides because of the encouragement provided to PhD holders by the IQAC to continue with their research interests. The College qualified for the second phase of DSTFIST because of the successful implementation of the first phase of DSTFIST. Students are encouraged and

sufficient guidance is provided to them which helped them bag KSCSTE project funds for UG and PG projects The teachers inspire the students to make optimum use of the summer break by applying for the Summer Research Fellowship by National Research Agencies. The College has a stated Code of Ethics to check malpractices and plagiarism in Research published in the website

Examination and Evaluation

To streamline the Internal Examination, a centralised mechanism was put in place. This change was implemented by IQAC based on the feedback obtained from the students. As the College is affiliated to the University of Kerala, the External Examination is conducted as per the University norms. The Continuous Internal Evaluation (CIE) system is monitored by the College Level Monitoring Committee (CLMC). CLMC constitutes the Principal as the Chairperson, Heads of departments, elected representatives of teachers in the College Council and a student representative. A member selected by the CLMC from among the Heads of the Departments shall be the Convenor. Department Level Monitoring Committee (DLMC) consisting of the Head of the Department and all teachers of the Department shall monitor the conduct of Courses and evaluation under CIE. The Head of the Department shall be the Chairperson and a teacher selected by DLMC from among the members shall be the Convenor. The College has a full-fledged Internal Examination Cell under the governance of CLMC for the smooth conduct of Centralized Internal Examination. The CLMC selects two faculties as the Coordinators of the Internal Examination cell. They are responsible for the preparation of time table and invigilation duty list, collection of question papers from concerned course advisors, sorting of question papers, smooth conduct of examination and the distribution of answer scripts to concerned faculties. The Internal Examination Cell, DLMC, and CLMC jointly announce the dates for the distribution of corrected answer scripts to the students. Thus, they make sure that the best possible outcomes are assured. The College also

offers facilities to solve their grievances regarding internal examination scores. Attending the internal examination is mandatory. Retest is conducted for students who have not attended the same due to genuine reasons. Internal Examination for post graduate students are conducted at the department level. The institution strictly follows the criteria given by the University for Continuous Internal Evaluation (CIE).

Teaching and Learning

Interactive learning (debates, seminars, quiz ) Project based learning for PG and final year UG Students  
Computer-assisted audiovisual learning  
In language classes the class is divided into groups and each group is encouraged to perform tasks assigned to them. Two PG students have published their dissertations in international peer reviewed journals. A few PG and UG students have presented their dissertations at Conferences.  
Implementation of MOODLE Learning Management System: The need for a learning management system to coordinate the teaching learning activities in an effective manner was identified in 2018. Following it the MOODLE Learning Management System was integrated with the college website in 2018. For effective use of the platform, two IQAC members were deputed to attend the Short term Course on Learning Management System and MOOCS organized by the UGC HRDC Thiruvananthapuram in March 2019.  
Following the training programme IQAC instructed all the teachers of the college to login to the MOODLE LMS of the college and to enroll students. IQAC provided timely guidelines and support in the process. The use of MOODLE among teachers and students has now become an integral part of teaching learning activities. Especially during the Lock Down period, the teachers could easily adapt to the online teaching learning processes, as the teachers and students had prior experience in handling the teaching learning processes online through MOODLE. Online Question Paper Bank of Previous Year University Examinations: It was identified that if the students are given online access to previous years University question papers, it

will be too much beneficial for them in the examination point of view.

Especially slow learners can identify the questions which are more important as far as the examinations are concerned, by working out questions of the previous years. So IQAC instructed the Examination cell to collect the question papers from 2015 onwards of all the PG and UG courses of the college. With the whole-hearted cooperation of the Examination Cell, a portal was implemented on the college website, where the students can easily access these question papers. The IQAC monitors and makes sure that the portal is being updated regularly. The portal is benefitting not only the students and teachers of the college, but also the public. Moore Initiative for Competitive Examinations Training: IQAC has identified that the percentage of students getting placement in the college is very less. One of the major reason for this is that majority of students in the college are from a rural background and so have less access to competitive examinations Orientation. So to tackle the problem, IQAC instructed the Career Guidance and Placement Cell of the college to initiate Training Programmes in Competitive Examinations for the students. In 2017, competitive examinations training programme started in the College and are benefitting the students. Innovation and creativity in teaching-learning process is manifested in the following strategies that the College adopts: Use of National instruments Multisim software and LT Spice software for the design of electronic projects and practicals Use of virtual lab for the Conceptualization of experiments in Physics, Chemistry, Botany, Zoology Bringing 'Bank to campus' for the familiarization of banking procedure for commerce students Use of Mendeley software by Chemistry students, to arrange the research articles and format their bibliographies according to standard journal formats Organizing of nine lecture workshops in association with the Indian Science Academies (INSA, New Delhi, NASI, Allahabad and IASc, Bengaluru) on topics included in the PG syllabus,



where fellows of the Indian Academies lead the lectures, giving exposure to the latest research happening in related fields Providing e-resources like E- journals and E- books, including INFLIBNET facility for PG and research students Providing e-access to previous years University question papers through the College website Recommending students to institutes of national repute to carry out Summer research projects. 18 students from the Science departments have successfully completed Summer research projects in IISc, JNCASR, IITs, IGCAR, IISER and IIST. Collaboration with various reputed institutions and agencies to aid the students in getting first hand information as well as hands-on training on the emerging technologies Incorporation of Learning Management System (Moodle) and digital technologies like Google Meet, Google Classroom, Zoom etc. in teaching Conduct of online internal examinations Giving opportunities to Language students to watch world renowned movies as part of the Film Studies paper PG students are encouraged to prepare multimedia presentations as part of the classroom seminars. Providing opportunity to meet and interview celebrities as part of the UG project work. Offering add-on courses to students

Curriculum Development

The College is affiliated to the University of Kerala and is bound by the Curriculum designed by the University. Online curriculum delivery is effectively carried out through online platforms like Google meet and Google classroom. All the departments conduct courses in MOODLE -an Open source platform which is linked to the college website, for effective curriculum delivery.

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

E-governance area	Details
Administration	All official communications to departments and staff are made through electronic means. Pragmachs Technologies is the vendor for e-governance in administration
Planning and Development	SMS alert software is used to intimate the parents about important events and information

Finance and Accounts	State Government Scholarships and egrants are disbursed to students through ebanking. Salary and Provident fund accounts are managed through online soft wares.
Student Admission and Support	Online centralized admission process of the University of Kerala is implemented.
Examination	University examinations are managed through the online examination site of the University of Kerala

### 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	Dr. Lynnette Joseph	Workshop and Hands on Training on Quantum Chemical Methods	Bennari Amman Institute of Technology, Tamil Nadu	500
2019	Dr. Lynnette Joseph	Workshop on Teaching and Learning of Functional Materials and Devices through Hands-on experience	NIT Warangal	750
2019	Dr. Jisha S	Three months certificate course in Molecular Docking and Drug Design	Sacred Heart College, Thevara	4000
2019	Dr. Santhi W S	Three months certificate course in Molecular Docking and Drug Design	Sacred Heart College, Thevara	4000
2019	Dr. Jerin Susan John	Three months certificate course in Molecular Docking and Drug Design	Sacred Heart College, Thevara	4000
2019	Dr. Lynnette Joseph	Three months certificate course in	Sacred Heart College, Thevara	4000



## 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	Nil	Oriental Programme for Newly appointed Non Teaching Staff	14/10/2019	18/10/2019	Nil	11
2020	KSHEC sponsored One week online FDP on Higher Education During COVID Times and After: Opportunities and Challenges	Nil	23/05/2020	29/05/2020	110	Nil
2020	KSHEC Sponsored E Summer School on Advanced Functional materials for Energy Harvesting , Storage and Biomedical Applications	Nil	13/05/2020	19/05/2020	120	Nil
2019	University Exams Orientation Programme	University Exams Orientation Programme	08/08/2019	08/08/2019	80	20
2020	Workshop on MOOC,	Nil	29/02/2020	29/02/2020	75	Nil

	SWAYAM and Econtent Development					
2019	CSIR sponsored 'Winter School on Materials and Molecular Simulations using Open Source Softwares: From Theory to Practice'	Nil	16/10/2019	22/10/2019	40	Nil
2020	Workshop on Web Skills for Online Classes	Nil	30/05/2020	30/05/2020	150	Nil
2019	National Conference Bioradiance 2019	Nil	06/07/2019	06/07/2019	150	Nil
2020	National Seminar on Current Trends and Advances in Biological Sciences	Nil	05/02/2020	07/02/2020	118	Nil
2020	National Seminar on Scientific Solutions for Sustainable Rebuilding of Kerala in the Post Flood Scenario	Nil	09/01/2020	10/01/2020	115	Nil
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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
One Week	1	29/08/2019	02/09/2019	5

Faculty Development Programme in Science (Philosophy of Science) organized by Kerala State Higher Education Council at School of Environmental Sciences, M.G. University, Kottayam				
UGC HRDC Refresher Course on Material Sciences	1	13/11/2019	26/11/2019	14
6 days workshop on Material Characterization: Structure, Spectroscopy and Microscopy	1	19/08/2019	24/08/2020	6
KSHEC Sponsored E Summer School on Advanced Functional materials for Energy Harvesting, Storage and Biomedical Applications	8	13/05/2020	19/05/2020	7
Short Term course in Social Theory and Research in Humanities and Social Sciences organized by KSHEC, at Mahatma Gandhi University	2	18/09/2019	22/09/2019	5
National Workshop on MOOC, Swayam, and E-Content Development	10	29/02/2020	29/02/2020	1
Three Month Certificate	4	21/09/2019	23/11/2020	90

Course in Molecular Docking and Drug Design, , Department of Chemistry, Sacred Heart College (Autonomous), Thevara				
UGC HRDC Workshop on MOOCS, E-content Development and Open Educational Resources	2	19/03/2019	21/03/2019	3
Winter School on Materials and Molecular Simulations Using Open Source Softwares: From Theory to Practice	7	16/10/2019	22/10/2019	7
KSHEC Sponsored One Week Faculty Development Programme on "Higher Education During and After COVID Times: Opportunities and Challenges"	59	23/05/2020	29/12/2020	7

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	15	11	2

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Staff Cooperative Society for financial assistance, Staff Tour, indoor badminton court, Staff Cricket team, Staff Recreation Tour, retreat, Hostel facility,	Staff Cooperative Society for financial assistance, Staff Tour, Staff Recreation Room, indoor badminton court, Staff Cricket team, Staff Recreation Tour,	Student Aid Fund, Financial assistance to students affected by flood, Hostel facility, Construction of new house for student

felicitation programmes

induction training programmes for newly recruited staff, retreat, Hostel facility

#### 6.4 – Financial Management and Resource Mobilization

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

Well established institutional mechanisms exist for the efficient and transparent management of financial resources. All internal resources raised by the institution are subjected to an annual external audit by qualified auditors appointed by the Management. The audited accounts are presented in the Management Board meetings for its approval, and the accounts are sent to the CSI Trust Association for its approval. UGC Accounts: Audited annually by an authorized external auditor Government Funds: Audited annually by authorized Government auditors appointed by the DCE and the Accountant Generals Office PTA Funds: Audited annually by a authorized external auditor and presented in its Executive committee and General Body for approval Management Accounts (Bishop Moore College Account, Sr. Rachel Joseph Hostel Account, College Book Stall Account): Audited internally by the Head Accountant and externally by an authorized auditor annually. The audit reports are discussed in the Management Board and appropriate actions are taken to settle the audit objections.

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
Sivan Memorial Endowment, Sivan Memorial and Management Account, Contribution from Staff	82200	Mobile phone to three students- Shilpa Raj (Botany), Harsha Saji (Commerce), Jeena MolRajendran (Commerce), For the treatment of a student, Mohd. Salman, For the treatment of a student, Renjith K Varghese, provided to a student from the Department of Botany
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6.4.3 – Total corpus fund generated

810000

#### 6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	Yes	Principal
Administrative	Yes	Government of Kerala	Yes	Principal

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

PTA is actively involved in the development activities of the College. PTA contributes to the resources for the day to day functioning of the College. PTA

plays its role in motivating and fostering talent by awarding meritorious students. PTA provides feedback and constructive criticism for improvement.

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

1. Induction Training programmes for newly recruited staff: The IQAC has established a norm of organising one week induction training programmes for newly recruited Non Teaching Staff. The aim of the programme is to orient the probationary staff with values to help the institution achieve its aims and objectives, to impart basic knowledge about the present system of Collegiate education and the functioning of the College, to enhance people skills and technical competence, to introduce KSR and related matters and to impart quality consciousness in the academic spheres. The programmes have structured syllabi and schedules with the stated outcome of grooming the new staff into the niceties of the job at hand and to ensure the first and foremost commitment of the staff to the institution. In 2019-20, the programme was offered to 11 newly recruited support staff during 14 - 18 October 2019. 2. Staff tour - Every year the College arranges a Staff Recreation Tour to a place of verdant beauty. This has proved to a very successful detoxifying measure and an immensely successful team building activity. 3. Annual Retreat - An yearly retreat is organised for the Teaching and Non Teaching Staff of the College for spiritual nurturing.

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

Internal Examinations were centralized, based on students feedback STARS OF MOORE, to identify the best outgoing student, since 2017 Two MoUs signed API scores of teachers verified and Screening Committee for promotion organized SMS alert system introduced during March 2019 based on parents feedback taken in the PTA General body Training programme for newly appointed teaching and non-teaching staff Took initiative to participate in NIRF rankings every year, since 2017 Took initiative to submit proposals for RUSA Scheme and DBT STAR College Scheme Took initiative to construct ramps and toilet facility for differently-abled. Re-furnished the wash and toilet facilities for women, renovated the Women's Centre and placed new incinerators in the women's centre and ladies' hostel Re-furnished the IQAC room. Installed a Bio-gas plant in the Canteen. Constructed a new computer lab for B.Com (Computer Applications) Constructed a computer lab cum networking centre in the Department of Physics with the aid of UGC-COC and DST-FIST Implemented MOODLE Learning Management System with website Implemented another Student Learning Management System on the website where the attendance reports could be monitored Previous years University Question Papers made available online. Initiated Conduct of Faculty Development Programmes under the PMMNMTT scheme of Govt of India Initiated Orientation and Professional Development Programmes with Structured syllabus for newly appointed staff. Initiated activities under the Social Entrepreneurship, Swachhta and Rural Engagement Cell of the Mahatma Gandhi National Council for Rural Engagement, MoE, Govt of India towards Swachhta Education and Practice. Initiated activities under the Unnath Bharath Abhiyan of the Govt of India, where in the college adopted 5 villages.

#### 6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
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	Date of	Duration From	Duration To	Number of
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	initiative by IQAC	conducting IQAC			participants
2020	one week Online FDP on Higher Education During COVID Times and After: Challenges and Opportunities in association with the KSHEC	30/04/2020	23/05/2020	29/05/2020	120
2020	preparation of the AP1 scores of the candidates and to aid in the conduct of interview to the post of Assistant Professors in Physics, Chemistry, Economics and English,	30/04/2020	21/05/2020	30/05/2020	75
2020	National workshop on MOOC, Swayam and E-Content Development was organized jointly by the IQAC and the Department of Commerce	21/01/2020	29/02/2020	29/02/2020	75
2020	Registration of the College under the Unnat Bharat Abhiyan (UBA) programme of the MHRD, Govt. of India	21/01/2020	05/02/2020	05/02/2020	10

2020	The CAS screening committee was organized for the subjects English, Zoology, Chemistry, Commerce and Physics.	22/11/2019	01/03/2020	30/04/2020	14
2020	Felicitation meeting for Smt Rekha R, Assistant Professor of Malayalam, on winning the Sahithya Academy Award	22/11/2020	13/01/2020	13/01/2020	80
2020	National Seminar on Scientific solutions for Sustainable Rebuilding of Kerala in the Post Flood Scenario	22/11/2019	09/01/2020	10/01/2020	110
2019	Submission of AQAR 2018-19	22/11/2020	15/12/2020	19/12/2020	10
2019	Participation in NIRF Ranking 2020	20/09/2019	01/11/2019	30/11/2019	10
2019	Orientation Programme for the newly recruited non-teaching staff	20/09/2020	14/10/2019	18/10/2019	11
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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
Self Defence Training for women students	08/03/2020	08/12/2020	50	Nil
Talk and Interactive Session on Young Women and Mental Health	23/01/2020	23/01/2020	75	5
College felicitates, Rekha K, Dept. Of Malayalam, the winner of Kerala Sahithya Academy Award for Short Stories	13/01/2020	13/01/2020	45	25
Flash Mob at Mavelikara Bus Stand on theme "Stop Violence Against Women"	11/12/2019	11/12/2019	10	5
Debate on the topic "Religion and Human Rights"	28/11/2019	28/11/2019	15	10
One day seminar and pre-marital counseling by Adv.M.S.Thara, Member Kerala state women's commission	02/08/2019	02/08/2019	100	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

214KWH out of the annual power requirement of 32200KWH is met using solar lamps. Energy efficient lamps are promoted in the College campus. 70 of the fuel requirement for cooking purpose in the College Canteen is met using biogas plants 50 of the fuel requirement for cooking purpose in the Ladies' hostel is met using biogas plants

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Ramp/Rails	Yes	5
Rest Rooms	Yes	2
Scribes for examination	Yes	5

Any other similar facility	Yes	1
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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
2020	1	1	19/03/2020	30	Supply of in house prepared hand sanitizers to the District Hospital, Mavelikara	Shortage of sanitizers in the pandemic situation	10
2020	Nil	1	07/02/2020	1	Hosted the Road Safety Awareness Programme, Sahayathrikarkku snehapoorvam, which was organised by the Motor Vehicle Department, Govt. Of Kerala	Increasing road accidents	1456
2020	Nil	1	01/02/2020	1	Inauguration of Students initiative Palliative Care (SIP Alappuzha)	Palliative care	100
2020	1	Nil	26/01/2020	1	Visit to the Memorial Hall and home of Martyr Lance Naik Sam	Honoring of Martyr of Indian Army	50

					Abraham		
2020	1	1	17/01/2020	1	Distribution of Distribute Paper Bag To The Local Shops	Over use of plastic bags in the locality	25
2020	1	1	09/01/2020	2	National Seminar on Scientific Solutions for Sustainable Re building of Kerala in the Post Flood Scenario	Post flood problems in the locality	120
2019	Nil	1	11/12/2019	1	Flash Mob at Mavelikara Bus Stand on theme "Stop Violence Against Women"	Violence against women	25
2019	1	1	02/10/2019	1	Cleaning camp at Mavelikara Railway station	Railway station cleaning	50
2019	1	1	09/08/2019	8	Flood Relief Activities	Loss due to flood	100
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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)
College Handbook and Calendar	03/06/2019	The College handbook and Calendar is a concise book which contains all requisite information concerning the code of conduct of all the stakeholders. It includes all the rules and regulations regarding the discipline and conduct of students in the campus.

## 7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NCC women's wing celebrated the NCC Day with Jyothis occupants	27/11/2019	27/11/2019	25
Staff took the QUAMI Ekta Pledge in the Principal's Office as part of the National Integration Week Celebrations with a view to foster and reinforce the spirit of Communal Harmony and National Integration	20/11/2019	20/11/2019	40
NCC becomes part of Swachch Bharath Abhiyan	28/09/2019	28/09/2019	50
Anti Drug Awareness class	28/08/2019	28/08/2019	100
Hepatitis Awareness Programme	03/08/2019	03/08/2019	100
Swachbarath paksh aacharanam-2019	01/08/2019	01/08/2019	100
Anti-drug day observation	26/06/2019	26/06/2019	50
Hiroshima day Observance	06/08/2019	06/08/2019	100
Poshan Abhiyaan -Nutritional awareness programme	16/09/2019	16/09/2019	100
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## 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Beautification of the campus with hanging garden made of recycled plastic materials - initiative by Bhoomithrasena club of the College - 27 February 2020  
 Gingelly farming in the campus - initiated by NSS volunteers - 13 February 2020  
 Bhoomithrasena of Bishop Moore College purchased 100 steel plates, tea cups, ice cream bowls/payasam bowls that can be used in all programmes organized by various Departments/Clubs of the College, in order to minimize the use of disposable plates and cups - 6 February 2020  
 Training On Mushroom Production And Marketing organised by Association of Botany, Biotechnology and Zoology for students, parents, staff and public - 24 January 2020  
 Training on Paper bag making organised by Bhoomithrasena. More than 138 carry bags were made by the Bhoomithra members to be sold to the local shops - 9 December 2019  
 WWF India selected Bishop Moore College as one of the institutions for the ECHO, a youth volunteering program within the campus. A letter of understanding is signed between WWF India and Bishop Moore College - 14 October 2019  
 World bamboo day observed by planting bamboo seedlings in the campus - 18 September 2019 1000

Eco Friendly Paper Pens were crafted by the NSS volunteers of the College. The pens were sold/distributed by the volunteers as a part of the sensitising programme - 26 July 2019

## 7.2 – Best Practices

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

STARS (Students and Alumni for a Responsible Society) Social outreach should be the bedrock of an academic institution's core values. To put this philosophy into practice, the IQAC of the College has instituted a student's collective that relentlessly works towards social emancipation. A core group of 40 students are groomed under reputed alumni and teachers who make meaningful social interventions. For instance, during the floods which ravaged the state in August 2018 shortage of basic needs in relief camps was bridged by distributing food, clothing and other essentials. 20 students who were severely affected by the flood were provided compensations of Rs. 5000, Rs. 25,000, Rs. 50,000 according to the extent of damage. A flood proof house was constructed for a student residing in a flood prone area. Moreover, 10 best outgoing students are selected through a four-level selection process and three are adjudged as the "Stars of Moore". The first level of selection is a written test. The second level is a verification of the academic and cocurricular achievements of those selected in the first level. Those selected at the second level are groomed for interviews and group discussions. The third level is a personal interview conducted by a reputed panel through which 10 students are selected for the grand finale which is an open stage performance round. The cumulative score of the final three rounds decides the three STARS of MOORE who are facilitated by eminent people in 'PATHEYAM', a grand public programme.

2. STEP (STAFF ENRICHMENT PROGRAMME) Employee satisfaction and productivity are inextricably linked to each other. That is why plethora of activities are designed to achieve this goal. Retreats are conducted by IQAC with the support of the College Management for the intellectual and spiritual orientation of the teachers. The teachers are encouraged by the IQAC to undertake research projects, attend and make presentations in conferences, publish books and articles, take up Research Guideship and take up assignments outside the College for the larger social good. The result of such practices is visible in the long list of achievements that the faculty of the College has been able to notch up every year. The College has a Staff Recreation Room, rich with indoor games like Caroms, Chess, Table Tennis and a small library. Besides this, there is an indoor badminton court which is abuzz with activity after working hours. The College Staff is also encouraged to make use of the basketball court in the College Hostel and also the College Cricket/Football ground. Every year the College arranges for a Staff Recreation Tour to a place of verdant beauty. This has proved to a very successful detoxifying measure and an immensely successful team building activity. The College has conducted one-week induction training programmes for the newly recruited Teaching and Non-Teaching Staff. They were groomed into the niceties of the job at hand. The College also has a functioning Cooperative Society that chips in with help when the chips are down in form of monetary exigency for the employees.

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

<http://bishopmoorecollege.org/best-practices/>

## 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

The College has a long history of charting a course that would ensure that its

vision to be a centre of excellence and to be a catalyst in facilitating a holistic development of youth with international standards, edified with the sanctity of truth, equipped to serve, grounded on Christian ideals, is always achieved and bettered. The College ensures the holistic development of the students in the academic, cocurricular and extra-curricular aspects, as well as in grooming them to be responsible citizens with social commitment, keeping up ethical standards based on Christian ideals. The IQAC of the College, in sync with the various Departments, Clubs and Committees has institutionalised several activities that would transform the students into responsible and contributing global citizens. The students are inspired to take up leadership roles in projects like zero plastic campus and nature conservation activities of a similar kind through the BhoomitraserenaSena Scheme, Nature Club and the National Service Scheme, all of which is monitored by the IQAC of the College.

The students are given career orientation programmes and trained in Skill Development through initiatives like the Additional Skill Development Programme (ASAP). The College realises that excellence can be achieved only when women, who form the bulk of the students of the College, are empowered. The IQAC of the College through the Women's Cell and the Women's Study Unit of the college conduct myriad activities throughout the year to achieve this purpose.

International and National Conferences, workshops, seminars and lectures are organised regularly to impart the latest developments in academic and research fields. Graduate and Post Graduate students are given opportunities to carry out Summer Research projects at reputed institutions like the Indian Institute of Science (IISc), Bangalore, Indian Science Academies, Indian Institute of Space Science and Technology (IIST) and the IITs. Along with the intelligence quotient and emotional quotient, spiritual quotient is equally important. Each day therefore, starts with a morning prayer and a chapel service is conducted on every Wednesday, during which the College Chaplain teaches on the Christian ideals

Provide the weblink of the institution

<http://www.bishopmoorecollege.org/gallery/>

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

- 1) Enhance IT Literacy among students and teachers through: a) MOOCs training programme for teachers. b) association with IIT Bombay through Spoken Tutorial Programme
- 2) Initiate measures to upgrade the Post Graduate Department of English to a Research Centre affiliated to the University of Kerala
- 3) Initiate the construction of new Library complex
- 4) Associate with GAD-TLC of MHRD to organise FDPs and Refresher Courses under the under PMMMNMTT scheme
- 5) Participate in NIRF Ranking
- 6) Utilize the RUSA grant for augmentation of infrastructural facilities
- 7) Organise one week Induction Training Programme for newly appointed Staff
- 8) Initiate programmes under Unnat Bharat Abhiyan (UBA) of MHRD
- 9) Organise One week orientation programme for newly admitted students
- 10) Complete the house construction project for flood affected student
- 11) Encourage faculty members to publish in journals included in the UGC CARE list
- 12) Publish PG Student Projects in International Peer reviewed Journals
- 13) Release a new Malayalam research Journal under the George Mathen Publishing Academy
- 14) Do the needful for obtaining the second phase sponsorship of DST-FIST
- 15) Carry out the programmes under DBT STAR College Scheme
- 16) Initiate measures to begin a SPIE student chapter - an international society for optics and photonics which gives encouragement and mentoring to students all around the world in order to achieve the goal of scientific development.
- 17) Enhance measures towards eco-friendly campus
- 18) Apply for Major Research projects
- 19) Organise programmes for empowering women students
- 20) Publish the College Handbook and Calendar
- 21) Publish the College Newsletter
- 22) Organise Observance of important days

