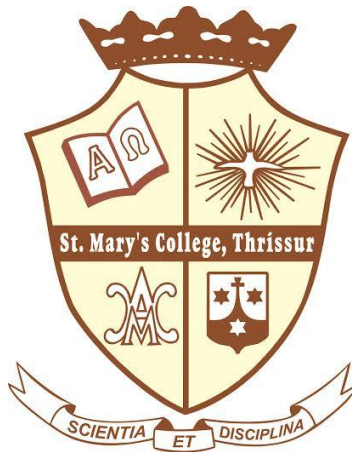


**The Annual Quality Assurance Report
(AQAR)
of the
Internal Quality Assurance Cell
(IQAC)
2016-17**



**St. Mary's College, Thrissur-20
Kerala**

**(Nationally Re-accredited by NAAC with A
grade with CGPA of 3.3)**

Part – A

AQAR for the year

2016-17

1. Details of the Institution

1.1 Name of the Institution

St. Mary's College

1.2 Address Line 1

St. Mary's College Road

Address Line 2

Thrissur -680020

City/Town

Thrissur

State

Kerala

Pin Code

680 020

Institution e-mail address

smctsr@gmail.com

Contact Nos.

0487 2333 485

Name of the Head of the Institution:

Sr. Dr. Magie Jose

Tel. No. with STD Code:

0487 2333 485

Mobile:

+91-9446513485

Name of the IQAC Co-ordinator:

Dr. Julie. P. Lazar

Mobile:

+91-9497221177

IQAC e-mail address:

iqacsmcseminar@gmail.com

1.3 NAAC Track ID (*For ex. MHCOGN 18879*)

KLCOGN11890

1.4 NAAC Executive Committee No. & Date:

*(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)*

EC(SC)/06/RAR/154
dated 01/05/2015

1.5 Website address:

<http://www.stmaryscollegethrissur.edu.in>

Web-link of the AQAR:

<http://stmaryscollegethrissur.edu.in/iqac.php>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B+	78.30	2004	2004-2009
2	2 nd Cycle	A	3.02	2010	2010-2015
3	3 rd Cycle	A	3.3	2015	2015-2020
4	4 th Cycle				

1.7 Date of Establishment of IQAC:

15-02-2005

1.8 AQAR for the year (*for example 2010-11*)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

i. AQAR 2015-16

1-12-2016

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

1.13 Special status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR etc.

Autonomy by State/Central Govt. / University	<input type="text"/>		
University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST-FIST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (<i>Specify</i>)	<input type="text" value="KSCSTE Assistance"/>
UGC-COP Programmes	<input checked="" type="checkbox"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="20"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text" value="1"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="1"/> <input type="text" value="1"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="28"/>
2.10 No. of IQAC meetings held	<input type="text" value="14"/>
2.11 No. of meetings with various stakeholder No.	<input type="text" value="14"/> Faculty <input type="text" value="11"/>
Non-Teaching Staff	<input type="text" value="1"/> Students <input type="text" value="2"/> Alumni <input type="text" value="1"/> Others <input type="text" value="1"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If yes, mention the amount	<input type="text" value="Rs. 29000"/>
2.13 Seminars and Conferences (only quality related)	
(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC	
Total Nos.	<input type="text" value="4"/> International <input type="text"/> National <input type="text"/> State <input type="text"/>
Institution Level	<input type="text" value="4"/>

(ii) Themes

Women Entrepreneurship, Communicative English, Effectiveness in Teaching and Efficient Management, E content – Developing Blogs

2.14 Significant Activities and contributions made by IQAC

- Orientation on College and Student Support Initiatives to I UG and PG students and parents
- Provision of data for NIRF ranking
- Introduction and orientation on Clubs and Forums to students
- Organised Topper's day
- Library orientation to students
- Orientation on Open Courses to V Sem UG students
- Coordination of Clubs, Forums, Skill Enhancement and Diploma Programmes and Certificate Programmes
- Entry level test for I Sem UG students
- Communicative English practice to ministerial staff
- Felicitation to faculty achievers
- Emphasis on ICT oriented teaching learning
- Conducted Academic Audit and evaluated filing of all department and provided necessary suggestions
- Evaluation of Walk with Scholar and Student Support Programmes
- Organised Marian Monsoon Fest for student entrepreneurship and welfare
- Organized Dr Sr Rani George Endowment Lecture on Women Entrepreneurship - Trends, Challenges and Possibilities” and National Level Paper Presentation Competition

- First Mahitha Award Ceremony in honour of Former Principal Sr.Dr. Jacintha C C
- Felicitated Former Principal Dr. Sr. Jacintha C. C. on her achievement as Best Principal Award 2015 From AIACHE
- Coordination with various committees for student welfare

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
Introduce new Programmes	Applied for MA English, BSc Physics, B Com Finance Regularisation of B. Voc Programmes
Motivate Departments to organise Seminars/ Workshops .invited Lectures	Three National Seminars were conducted by Departments of Botany, History and Computer Science and Applications. Eight Regional/State level Seminars/ Workshops were conducted by Various departments and Ministerial Staff 93 invited Lectures were held
Student Capability Enhancement Programmes	10 interdisciplinary Skill Enhancement Programmes of 30 hour duration for I and II Semester UG students 3 UGC Add on Programmes for I and II Semester UG students

	<p>3 UGC Add on Diploma Programmes and one Diploma in Computer Application Programme</p> <p>12 Certificate courses of 30 hours for IV Semester UG students</p> <p>Competitive Coaching for III Semester UG students</p>
Organise Dr. Sr. Rani George Endowment Lecture and National Level paper presentation competition	Organized Dr. Sr. Rani George Endowment Lecture on “Women Entrepreneurship -Trends, Challenges and Possibilities” and National Level Paper Presentation Competition on 14 th and 15 th Dec 2016
Increase faculty publications and paper presentations	<p>Faculty published 5 Books and 20 journal articles at national and international levels, 9 book chapters and 70 conference proceedings</p> <p>Incentives given to faculty who have published papers</p>
Feedback	<p>College has effective feedback system from all its stakeholders</p> <ul style="list-style-type: none"> • Student feedback from final year UG and PG students at the end of the course • Teacher Feedback from all students • Feedback on Student Capability Enhancement Programmes • Feedback from Parents of II UG students • Alumnae feed back • Employer feedback <p>Consolidation of feedbacks and Analysis of reports</p>

<p>Academic Quality Enhancement Activities</p>	<p>Conducted Academic Audit of the Departments</p> <p>Faculty attended Conference on Benchmarking Procedures and Practices for Quality Enhancement in Higher Education at Christ University Bangalore, The Capacity Building Residential Workshop for Coordinators of Scholar Support Programme in Govt. / Aided Colleges, National Seminar on Curriculum Designing and Academic Auditing, Asian Seminar on Changing Higher Education Scenario: Experiences in Open Educational Practices, Academic and Administrative Audit for Quality Enhancement, Effective Office Administration</p> <p>IQAC Coordinator Dr Julie P. Lazar presented a paper on Benchmarking Initiatives :A Case Study of St Mary's College at Christ University, Bangalore</p>
<p>Internal Assessment</p>	<p>Two internal assessment exams conducted for UG and PG per semester. Exam schedule is decided by the Internal Exam Committee in consultation with College Council and IQAC</p> <p>Continuous Assessment through class tests, seminars and assignments</p> <p>Grievance Redressal Mechanism for grievances related to assessment</p>
<p>Entrepreneurship and welfare</p>	<p>Organised two day Marian Monsoon Fest to enhance entrepreneurial ability of students and as fund raising programme for student welfare</p> <p>Raised Rs. 1Lakh in association with other stakeholders through Marian Monsoon Fest for welfare fund</p>

Discipline and Welfare	Coordinated with various committees for student welfare – Grievance Redressal Cell, Anti Ragging and Anti Sexual Harassment Cell.
Organise Mahitha Award	Organised First Sr. Dr. Chrislin Endowment Award Ceremony instituted in honour of Sr. Dr. Jacintha C.C.(Our Former Principal)– Smt M. S. Jaya, IAS, Higher Secondary Education Director, Govt. of Kerala is the first recipient of the Mahitha Award
Communicative English Orientation	Organised one day orientation on Effective Communication Skill to Faculty Arranged Communicative English Sessions arranged to ministerial staff with support of Dept. of English

*Academic Calendar of the year as Annexure I

2.16 Whether the AQAR was placed in statutory body Yes No
 Management Syndicate Any other body

Provide details of action taken

- | |
|---|
| <ul style="list-style-type: none"> • Conduct External academic audit |
|---|

Part - B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	1			
PG	10		7	2
UG	14		6	4
PG Diploma				
Advanced Diploma				
Diploma	4			4
Certificate	12		12	12
Others				
UGC Add On	3			3
Skill Enhancement Programms	10	1	10	10
Total				

Interdisciplinary				
Innovative	2			

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

The College offers 14 UG and 10 PG programmes with Core and Complementary Courses following Choice Based Credit Semester System. The departments opt for different elective papers for UG and PG programmes as prescribed by University in its syllabus. Students are given orientation and freedom to select different open courses according to

their aptitude. Skill Enhancement Programmes, Certificate programmes, Diploma Programmes serve as supplementary programmes for value addition.

Post Graduate Programme- Elective Options

Name of the Programme	No of Options	Papers(Paper selected by the college in bold letters)
MA History	16	<ul style="list-style-type: none"> • Archaeology: Theoretical Perspective, • Literature and Indian History • Women History • Environmental history of India • Archival Studies and Documentation • Epigraphy and history • State in Early India • Tamilakam in the early period • Historical Period Knowledge and Culture in Ancient India • Agrarian Society in Medieval India • Trade and Commerce in Medieval India • Caste and Social Structure in Medieval India • Ideology and practice of the National Movement • Political and Social Struggles of Modern India • Economic History of Modern India • Social History of Modern India
MA Applied Economics (Self Financing)	6	<ul style="list-style-type: none"> • Security Analysis and Portfolio Management • Environmental Economics • Health Economics • Computer Application in Economic Analysis • Agricultural Economics • Population Studies
M Com	3	<ul style="list-style-type: none"> • Finance • Marketing • Human resource management

MSc Mathematics	7	<ul style="list-style-type: none"> • Operations Research • Computer Oriented Numerical Analysis • Probability Theory, • Fluid Dynamics, • Measure and integrations, • Algebraic Number Theory, • Commutative Algebra
MSc Botany (Self Financing)	12	<ul style="list-style-type: none"> • Advanced Angiosperm Taxonomy • Environmental Biology and Biodiversity conservation • Genetic engineering • Genomics and proteomics • Plant tissue culture • Pathology of plantation crops and spices • Genetics and crop improvement • Genetic Engineering and Bioinformatics • Plant Physiology • Molecular plant Taxonomy • Biotechnology in crop improvement • Plant cell and Molecular Biology
MSc Chemistry(Self Financing)	2	<ul style="list-style-type: none"> • Synthetic Organic Chemistry • Industrial Catalysis
MSc Microbiology (Self Financing)	6	<ul style="list-style-type: none"> • Virus and Virus Related Diseases, • Diagnostic Microbiology, • Microbial Taxonomy, • Microbial Biotechnology, • Genetic Engineering, • Biosafety, Bioethics and IPR
MSc Biotechnology(Self Financing)	3	<ul style="list-style-type: none"> • Stem Cell Biology, • Industrial Food Biotechnology, • Nano-biotechnology
MSc Computer Science (Self Financing)	24	<ul style="list-style-type: none"> • Computer graphics • Introduction to soft computing • Web technology

		<ul style="list-style-type: none"> • Bioinformatics • Computer optimization technique • Numerical and statistical methods • Pattern recognition • Wireless and mobile networks • Cryptography and network security • Advanced web technology • Virtualizing and cloud computing • Data warehousing and data mining • Data compression • Pervasive computing • System security • Molecular simulation and modelling • Fundamentals of big data • Web engineering • Digital image processing • Advanced topics in database design • Software development for portable devices • Storage area networks, Semantic web • Advanced java programming
M.Sc. Psychology (Self Financing)	8	<ul style="list-style-type: none"> • Clinical Neuro psychology • Clinical psychology • Organizational Behaviour • Human Resource Development • Psychotherapeutics 1 • Psychotherapeutics 2 • Consumer/ Marketing Psychology • Industrial Clinical Psychology

Elective Options of UG Programmes

Name of the Programme	No of Options	Papers(Paper selected by the college in bold letters)
BA History	4	<ul style="list-style-type: none"> • Principles and methods of Archaeology • Indian Epigraphy • Indian Numismatics

		<ul style="list-style-type: none"> • History of Human Rights
BA Economics	3	<ul style="list-style-type: none"> • Economics of Business and Finance • Environmental Economics • Applied Theory of Markets
BA English	3	<ul style="list-style-type: none"> • World classic in Translation, • Regional Literature in Translation, • Dalit Literature
B Com (Self Financing)	4	<p>Specialization</p> <ul style="list-style-type: none"> • Finance • Banking And Insurance • Cooperation, • Computer Applications • Travel and tourism • Islamic Finance
BSW (Self Financing)	3	<ul style="list-style-type: none"> • Gender and Development • Social movement and social development • Social work with elderly
BBA (Self Financing)	3	<p>Specialization</p> <ul style="list-style-type: none"> • Finance • Marketing • Human Resource Management
BSc Mathematics	3	<ul style="list-style-type: none"> • Linear Programming and Game Theory, • Graph Theory, • C programming for Mathematical Computing • Informatics and Mathematical Softwares
BSc Botany	3	<ul style="list-style-type: none"> • Genetics and crop improvement • Advanced Angiosperm systematics • Genetic Engineering
BSc Chemistry	3	<ul style="list-style-type: none"> • Polymer Chemistry • Industrial Chemistry • Medicinal and Environmental Chemistry
BSc Microbiology	2	<ul style="list-style-type: none"> • Cell and Tissue Culture, • Bio safety and Bioethics • Bioinstrumentation

B. Sc. Biotechnology (Self Financing)	1	<ul style="list-style-type: none"> • Medical Biotechnology
BCA (Self Financing)	3	<ul style="list-style-type: none"> • Software Testing & Quality Assurance • Computer Graphics • Multimedia system
B.Voc Software Development	4	<ul style="list-style-type: none"> • E1-J2EE • E2-Python Programming and Mobile Web • E3-Mobile Software Development using Android • E4-Programming Mobile Application

Open Course offered by Departments

Name of the Department	No of Options	Papers(Paper selected by the college in bold letters)
History	2	<ul style="list-style-type: none"> • Historical Tourism • Heritage Studies
Economics	3	<ul style="list-style-type: none"> • Banking • International trade and Business • Basic Principles of Economics
English	3	<ul style="list-style-type: none"> • Film Studies, • Creative Writing in English • Applied Language Skills
Commerce (Self Financing)	3	<ul style="list-style-type: none"> • Basic Accounting • E-Commerce • Basics of Entrepreneurship and management
Social Work (Self Financing)	3	<ul style="list-style-type: none"> • Community health and health education, • Essential legal information, • Gender and development
Management Studies(Self Financing)	1	<ul style="list-style-type: none"> • E Commerce
Mathematics	3	<ul style="list-style-type: none"> • Mathematics for Natural Sciences, • Mathematics for Physical science,

		<ul style="list-style-type: none"> • Mathematics for Social science
Botany	3	<ul style="list-style-type: none"> • Applied Botany • General Botany • Basic Tissue culture
Chemistry	3	<ul style="list-style-type: none"> • Environmental Chemistry • Chemistry in Daily Life • Food Science and Medicinal Chemistry
Microbiology	2	<ul style="list-style-type: none"> • Environmental Microbiology • Public Health and emerging microbial diseases
Biotechnology (Self Financing)		<ul style="list-style-type: none"> • Introduction to Biotechnology
Computer Applications/ Computer Science (Self Financing)	3	<ul style="list-style-type: none"> • Introduction to web designing • Introduction to problem solving and C programming, • Introduction to computers and office automation
Physical Education	3	<ul style="list-style-type: none"> • Physical Activity Health and Wellness • Health and fitness Education • Physical health and life skill education

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	24 (14 UG & 10PG)
Trimester	
Annual	

*UGC Add on, Skill Enhancement Program, Certificate Course – 30 hours duration each.

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback: Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

The College being affiliated to University of Calicut follows the syllabus of the University. There are changes in the syllabus of open course and elective course of the UG Programmes as prescribed by the University.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
37	30	6+1(principal)	-	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	3	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and

Temporary faculty

<input type="text" value="63"/>	<input type="text" value="-"/>	<input type="text" value="2 Part"/>
---------------------------------	--------------------------------	-------------------------------------

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	26	66	16
Presented	23	47	1
Resource Persons		5	41

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Initiatives in community with political as well as Government officials by Dept of Social Work
- Article reviews by UG students
- On the spot peer assignments
- Creative teaching using academic videos, images and animation
- E-textbooks and links provided
- Two-month internship in Mental Health Care Centres under the Guidance of a Clinical Psychologist for Psychology students
- Language lab classes for Core English students
- Readers' Forum for main students for presenting critical evaluation of a book
- Online video classes on documentary methods by Dept. of Vocational Studies

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Online assignment submission
- Online exams
- Multiple choice questionnaires with chosen questions from competitive exams
- Questions from question bank

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development
as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage:

UG Programme

Departments	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Botany	37	78.4	10.8	-	2.7	91.9
Biotechnology	34	5.9	52.94	35.29	-	94.13
Mathematics	48	77	21	2	-	100
Microbiology	36	91.67	8.33	-	-	100
Chemistry	37	48.6	48.6	-	-	97.2
History	51	27.4	47.05	7.8	-	82.25
Economics	56	41.07	28.57	10.71	-	80.36
Computer Application	35	37.14	54.28	-	-	91.42
English	21	14.28	71.43	9.52	-	95.23
Commerce	37	56.75	40.54	-	-	97.30

PG Programme

Departments	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Biotechnology	11	-	72.73	27.27	-	100
Botany	12	41.67	58.33	-	-	100
Mathematics	20	10	70	-	-	80
Microbiology	8	25	75	-	-	100
History	21	9.5	57.14	28.57	-	95.2
Computer science	7	57	43	-	-	100
Economics	4	-	25	75	-	100
Commerce	15	53.34	33.33	13.33	-	100
Psychology	8	-	75	-	-	88
Chemistry	11	-	90.9	-	-	90.90

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- Monitors and evaluate the overall student performance throughout year and provides necessary guidance to the Departments
- Monitors the teacher performance through annual performance appraisal report submitted by each individual teacher showing his/her contributions to teaching, research and extension
- Analyses student feedback on institution, skill development and certificate courses and skill Enhancement Programmes
- Conducts Entry Level tests for UG students
- Monitors the Walk with Scholar Programme and Scholar Support Programme
- Provides guidance and support in conducting invited Lectures, seminars and workshops

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
---	-------------------------------------

Refresher courses	4
UGC – Faculty Improvement Programme	0
HRD Programmes	
Orientation programmes	1
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	9
Summer / Winter schools, Workshops, etc.	39
Others	9

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	8	-	-	2
Technical Staff	8	4	-	10

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The IQAC monitors the activities of the Research Committee and Research Forum that inspires research activities of the College to promote research among faculty and students

Publication of Research Journal- Annals of Basic and Applied Sciences (ISSN No. 2277-8756)

Ten research scholars undergoing Research for PhD in Department of Mathematics & Botany

Three faculty awarded PhD and 7 faculty pursuing research for award of PhD

Motivation provided for teachers to publish awareness creating books on related topics

Eight completed minor projects from UGC

One Faculty submitted proposal for major Research project

Encourages paper and poster presentation by students in seminars

Motivation for Student research publication

Promoted collaboration with institutions for developing live labs for butterfly conservation in institutions

Initiation for establishment of Butterfly garden in State Museum and Zoo Thrissur for promoting concepts of conservation and research culture in students

Promoted selection of student projects with scope for advanced research and current developments

Promoted teachers to take up consultancy for school projects, and to take up research with social context

Introduced incentives for teachers who published papers.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
--	-----------	---------	------------	-----------

Number				1
Outlay in Rs. Lakhs				30

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	1	-	-
Outlay in Rs. Lakhs	0.79	1.8	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	17	1	
Non-Peer Review Journals			
e-Journals		2	
Conference proceedings	23	47	

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects		UGC	11.545	0.79
Interdisciplinary Projects	1	KSCSTE	1.8	1.8
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (<i>other than compulsory by the University</i>)				
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		3	2	6	1
Sponsoring agencies		ASI,KSCSTE		KSCSTE	

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	1
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	District	College
	-	1	1			

3.18 No. of faculty from the Institution
who are Ph. D. Guides

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

University level State level

National level International level

3.23 No. of Awards won in NSS:

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.24 No. of Awards won in NCC:

University level	<input type="text"/>	State level	<input type="text"/>
National level	<input type="text"/>	International level	<input type="text"/>

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text" value="35"/>	<input type="text" value="Faculty Extension Activities*"/>
NCC	<input type="text" value="2"/>	NSS	<input type="text" value="15"/>	

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- *Mahitha Award* - Noteworthy women who have excelled in different walks of life who have contributed to the betterment and development of the society were honoured
- *Karunardram*- Serving lunch to the people in the streets once a week
- Programs conducted in the Kolazhy Panchayats as part of adoption of the Panchayath as Child Friendly.
- St Mary's Square Outreach Sponsorship Project oriented towards development of sponsored students and the students of St Mary's C.U.P School, Chiyaram
- Organized a one-week Organ Donation Campaign in association with Kottappuram Integrated Development Society (KIDS), Kottappuram and K. Chittilappilly Foundation.
- Blood Donation Camps organized in collaboration with IMA and Thrissur Medical College
- *Vatsalyam*- Serve the Poor and needy programme of Department of Economics
- *Santhwana Sparsham* – Organ Donation Awareness Programme of Department of English

- *Lakshya* – Community oriented free competitive exam coaching for the weaker sections of society, free PSC classes has been extended through 5 different Centres and around 300 educated rural unemployed candidates took part in the program.
- Initiation for Establishment of Butterfly Gardens in Institutions as a part of Watch and Observe Butterflies, more than 600 plants were distributed
- Microbiological water analysis in nearby localities
- *L’Aria Fresca*- Clean Campus, Clean City
- All Kerala Janana Avakasa Samithi- Survey
- Kargil Victory day celebrated at Amar Jawan Jyothi, Ayyanthole, Thrissur.
- Release Of Book Flutters, Chirakazhakinu Oru Malarveedu & Shalabodhyana Nirmaanathinu Oru Maargaekha created a database on conservation of butterflies.
- Celebrated NCC day by conducting a rally which inspires the spirit of National Integrity.
- Marian Monsoon Fest-2016 was successful in raising an amount of Rs. 1 lakh to help the little unfortunates among St. Marians.
- *Thanal* - Free stitching training was provided by the College in collaboration with St. Mary’s Convent to the general public with the intention of women empowerment.
- *Sparsam* -A program of donating 15 smart canes to blind people, and the fund was raised solely from staff and students.
- SMCJMKP: A new venture was inaugurated in the acquired new land at Mission Quarters. The intention is to activate the community orientation among our students.
- E-literacy program organized for differently abled students of St. Josephs School, Cheroor.
- Exhibitions conducted in remote schools
- Guided science project of students of other institutions.
- Environment Day was celebrated by conducting activities on environment protection and conservation within and outside the campus
- Extension lectures by Faculty
- Cleaning programme on Azhikode beach
- One-day training to teachers in charge of Eco club of different schools
- Visits to Special schools, Juvenile home, Home for Destitutes by students, faculty and ministerial staff
- Butterfly Outreach programs to schools on butterfly conservation
- Extension activities as part of NSS, NCC and different Clubs

- Celebration of International Year of Pulses. Wetland Day, Environmental day, science Day, Human Rights Day, Ozone Day, Literary week, pi day and so on
- Organized Album releasing ceremony in Government Old Age Home, Ramavarmapuram in connection with Snehatheeram visit of faculty and students along with inmates of old age home

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	4.96	-	-	-
Class rooms	72		Management	72
Laboratories	14	-	-	14
Seminar Halls	5	-	-	5
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	--	13		
Value of the equipment purchased during the year (Rs. in Lakhs)	--	14.15 4.82 2.16	UGC Management PD Account	21.3
Others (Extension Centre)		0.167 acres of land and Building	Management Rs. 212.925lakh	
Department Rooms		2	Management	

4.2 Computerization of administration and library

1. E-College Software for Students Management System.
2. Installed Online Library Management System – Dspace
3. Implemented KOHA for library

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	45315		267	127795	45582	
Reference Books	2461		192	504426	2653	

e-Books	107807		80409		80409	
Journals	63		15	64435	78	
e-Journals	6103		Nil	-	6103	
Digital Database	-		-	-	-	
CD & Video	792		41	-	833	
Others (specify)	-		-	-	-	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	301	132	4	46	50	14	27	28
Added	7	-	-	-	-	-	-	7
Total	308	132	4	46	50	14	27	35

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

1. Training on Malayalam Typing to Students organized by IT Club
2. Workshop on Latex to Research Scholars and MSc. Mathematics students
3. Expert Class on 'MAYA' for 3D animation & Graphics.
4. Orientation on e-College Software to faculty and ministerial staff
5. Diploma in Computer Application
6. Skill Enhancement programme in Graphic Designing
7. Certificate Course in Advanced Graphic Designing

4.6 Amount spent on maintenance in lakhs:

i) ICT	0.38
ii) Campus Infrastructure and facilities	76.54
iii) Equipments	0.51
iv) Others	9.2
Total :	86.63

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Organised campus tour for I UG and I PG students
- Directed class tutors to provide awareness to students on facilities in the campus and the student support facilities
- Provided awareness to the students on prevention of ragging and other disciplinary issues
- College calendar with all necessary information is provided to all the students
- IQAC- student interaction
- Information on Scholarships and other facilities are informed to students through microphone Directed Librarian to provide necessary guidance and support to the students for effective use of library
- Regular updates are assured in College Website
- Provided awareness to parents through General and Departmental PTA meeting

5.2 Efforts made by the institution for tracking the progression

- Students are assessed by performance in internal tests, seminars and assignments
- Disseminate the performance of students to parents through progress reports and departmental level PTA meetings
- Discussion with faculty to evaluate the performance of students on the completion of the course
- Formal and informal feedback from Alumnae. Formal feedback forms are tabulated by the Alumnae Executive Committee. Informal feedback from alumnae through Personal interaction with alumnae on visits to department and during Alumnae meeting and Interaction through Social media

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1655	264	10	

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	-	-		1919+10	100

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC/OEC	Physically Challenged	Total
929	215	15	570	4	1972	1002	215	18	609+76		1919

Demand ratio- Admission is done under Centralised allotment Process of University of Calicut

Dropout %: 0.21

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- The Department of Psychology has conducted a Career Aptitude Test for the final degree year UG students of St. Mary’s College, Thrissur in the month of July
- Competitive exam coaching for all III Semester UG students
- The Department of Mathematics has conducted NET Coaching

No. of student beneficiaries 703

5.5 No. of students qualified in these examinations

NET :5	SET/SLET :3	GATE :1	CAT :0
IAS/IPS etc. :0	State PSC :1	UPSC :1	Others :5

5.6 Details of student counselling and career guidance

- Full time trained counsellor in the campus
- Periodical announcement of job opportunities through microphone
- Facility for online application for government and other jobs
- Publicising the job opportunities and educational programmes on the notice board

- Facilities for individual career counselling
- Career guidance seminars and talks organised by Career Guidance and Placement Cell and various departments
- Campus placement opportunities
- Apart from Campus recruitment drives, Career Guidance Cell and various departments have organised 23 different programmes

No. of students benefitted

5.7 Details of campus placement:

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
5	1178	57	28

5.8 Details of gender sensitization programmes

The College takes earnest efforts for upliftment of women. To bring women to mainstream and bring in positive attitude, various competitions and programmes are held.

Sl. No.	Date	Department	Activity
1	28-06-2016	Computer science and applications and Women's Cell	Talk on Cybercrime and its impact on youth for mother parents by Mr. Roy C George, SI, District Cyber Cell, Thrissur.
2	22-07-2016	Economics	Essay Writing Competition on topic Women and Society
3	22-07-2016	Economics	Elocution Competition on topic-Empowering Girls Empowering Nations
4	25-07-2016	Economics	Poster Designing Competition on Women Education
5	09-08-2016	Women's Cell	Talk on Women Laws and Indian Constitution by Mercy Thekkekara, Former Principal, Government Law College, Thrissur

6	20-09-2016	Women's Cell and social Work	A class on Women Entrepreneurship by Jacob Samuel, Research and Development Director ESAF.
7	11-10-2016	Women's Cell	Observation of Girl Child Day- Quiz Competition on Famous Women Personalities
8	15-10-2016	Women's Cell	Talk on Influence of Media among Teenagers by Mr. Manoj Kamath (Programme Coordinator, CLUB F.M 104.8)
9	17-10-2016	Economics	Invited lecture on Invisible domestic work of women and its role in GPI by Dr. Remya R, Assistant Professor, Dept of Economics, Achutha Menon Memorial Govt College, Thrissur
10	24-10-2016	IQAC	<i>Mahitha</i> Award given to Smt. M.S Jaya I.A.S, Director of Higher Secondary Education, Kerala-with a cash prize of Rs. 5,000 a Memento and a Certificate
11	7-11-2016	Women's Cell & Social Work	Class on services and projects related to women and children by Ms. Resmiya (Training Associate Child Resource Centre KILA)
12	10-11-2016	Biotechnology	Awareness talk on Diet And Nutrition For Young Women by Ms. Cindin John, Nutritionist, Elite Mission Hospital, Thrissur
13	17-11-2016	Microbiology	Talk on Stress Management by Dr. Sindu Pradeep, Special Counsellor, Women Cell, Thrissur
14	25-11-2016	Management Studies	Debate on the topic Women Entrepreneurship was conducted as part of Management Fest 'KARMIN – 2016'
15	30-11-2016	Psychology	Conducted a survey on Awareness Of Adolescent Girls On Child Abuse at Sacred Heart GHSS, Thrissur
16	02-12-2016	Psychology	Workshop on General and pre-menstrual stress management for 10 th standard students of Sacred Heart GHSS, Thrissur
17	09.12.2016	Women's Cell and Sanskrit	A talk on Health in New Era – <i>Swasthavritta</i> by Dr. Anjali U Nair
18	15-12-2016	IQAC	IV th Sr Dr Rani George Endowment Lecture on Women Entrepreneurship -Trends, Challenges and Possibilities by Smt. Sathiavathy C. R.

			(Executive Director, Society for Assistance of Fisher women (SAF) Joint Director, Department of Fisheries, Kerala Managing Director, Kerala Aqua ventures International Ltd (KAVIL).
19	16-12-17	IQAC	National Level Paper presentation competition on Women Entrepreneurship -Trends, Challenges and Possibilities
20	15.12.2016	English	Wonder Woman Competition
21	25-01-2017	Women's Cell & social work	An awareness class on pink policing by Ms. Subhavathy (Circle inspector women cell)
22	27-01-2017	Women's Cell	Educational program for adolescent Girls on Health and Hygiene by Dr. Sr. Ruby, Gynecologist, Amala Institute of Medical Sciences
23	07.02.2017	Economics	In connection with workshop 'Keep the earth alive' in collaboration with CMFRI, Kochi, hands on training on Cloth bag making was conducted for students and women from society.
24	15-02-2017	Women's Cell	Women Empowerment through Marshal Art
25	08-02-2017	Women's Cell	Session on How to Enjoy Writing Exam by Ms. Stephy Francis (Faculty, Department of social work)
25	28-02-2017	Chemistry	Debate on Science and technology for specially abled persons with special reference to women
26	09-03-2017	Vocational Studies	Screened a short film 'NARI' directed by Mr. Vinayak K S Panicker, Chemical Engineering Student, which had won second prize in national level short film competition.
27	10-03-2017	Mathematics	Discussion on Role of woman in fighting against the social evils: pollution, destruction of environment, violence and dirty politics
28	14-03-2017	Botany	Talk on Women And Law by Mujeeb Rahiman, Sub Judge, DLSA, Thrissur
29		Elder Marians	Alumnae association distributed a health card to students to monitor their menstrual health. Consultation with a Gynecologist was arranged for students who had menstrual problems
30		English	Cook and Book

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level : 123

National level : 46

International level : 1

No. of students participated in cultural events (seminar too included)

State/ University level : 176

National level : 187

International level : 17

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports:

State/ University Level : 108

National level : 7

International level : 1

Cultural

State/ University level : 34

National level : 6

International level : 0

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	371	19,93,693
Financial support from government	992	57,70,467
Financial support from other sources	29	41700
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives:

Fairs: State/ University level: 2 National level: International level:

College Level: 2

Exhibition: State/ University level: 5 National level: International level:

College Level: 3

5.12 No of Social initiatives undertaken by students

19

5.13 Major grievances of students (if any) redressed:

Grievance	Nature of action
Transportation Problems- Bus Concession, Problems with respect to boarding the bus, misbehaviour of bus employees	Reported the matter to Police and directives were given to bus employees by Police.
Information on scholarships, welfare, examination	Information was disseminated through Microphones and through class tutors
Water purifiers in St. Chavara and St. Euphrasia Block	Water purifiers set up in first floor of St. Chavara St. Euphrasia Block and St. Joseph Block

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

Our Vision is the holistic development of young women through academic excellence, intellectual, moral and spiritual growth to equip them for the service of society and mould them as responsible citizens.

Mission

We envisage to groom young women as agents of love, justice and peace through love of God, pursuit of knowledge, moral integrity and social responsibility. We dedicate ourselves to inculcate in young Marians deep-rooted commitment to society and build a society which promotes faith, religious harmony and nation

6.2 Does the Institution has a management Information System

Management information system (MIS) is used for the collection and integration of all the academic and administrative aspects.

E College Solution Software is used in governing work related to admission, attendance, fee collection, SMS Messaging, Student Assessment and Repository.

Softwares are used for examination, preparation of salary bills and other financial transactions.

The college has internet and intranet facility with a centralised server which facilitates easy collection of data and information.

The relevant information regarding the College is put up on the website. College handbook with all details on the institution is provided to all staff and students.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The College is an affiliated College under University of Calicut and follows the curriculum designed by the Board of Studies of the University. Choice Based Credit Semester System exists in both UG and PG programmes. Suggestions and issues regarding the curriculum

are informed to the Board of Studies for necessary action. Issues of concern regarding the curriculum are intimated by the Principal to the concerned authorities. The Departments have also initiated various innovative strategies to enrich the curriculum and impart it in an effective way. The College has been pursuing variety Skill Enhancement and Certificate programmes to supplement the curriculum. Industrial visits, linkages and expert classes are provided to enrich the regular teaching learning.

6.3.2 Teaching and Learning

The College is in the process of continuing efforts to upgrade the quality of the teaching learning process:

- Use of online video classes, academic videos and relevant animation
- Remedial / Enabling Programmes are given to the slow learners to bring them to mainstream
- Peer teaching through seminars, group activities like discussions, objective tests, demonstrations, debates, on the spot activities and so on
- Innovative Student Projects, Assignments and Seminars
- Bridge Courses/Enrichment Courses to enable students to accustom with the Programme
- Seminars/Workshops given to faculty on recent advancements in subject area
- Practical based Learning through industrial visits, Field trips & Site visits
- Micro Scale Analysis
- Student support through Walk with Scholar(WWS) and Scholar Support Programme (SSP) of New Initiatives in Higher Education, Govt of Kerala
- Readers' Forum for presenting critical evaluation of a book and article reviews by UG students
- E-textbooks and links provided for better subject knowledge

6.3.3 Examination and Evaluation

External evaluation is carried out by the University of Calicut. To assess and improve the performance of the students, initiatives taken by the Departments and College are

- Orientation to students on How to prepare for examinations to I Sem UG and PG students
- Entry level tests to identify the academic level of students
- Two internal examinations in each semester and continuous evaluation through periodic class tests, seminars and assignments
- Model Viva Voce and Practical Exams
- Remedial / Enabling Programmes provided to differently abled students and slow learners
- Special sessions for gifted learners
- Special coaching and tests for sports performers
- Providing Question Banks to students for internal assessment
- Grievance Redressal Mechanism for Assessment
- Online assignment submission and exams
- Progress Report of Students were given to Parents during PTA meeting

6.3.4 Research and Development

- Research leading to PhD carried out in Mathematics Research Centre and Botany Department
- Publication of Research Journal, Annals of Basic and Applied Sciences (ISSN No. 2277-8756)
- Faculty act as guides for inter collegiate/inter disciplinary MSc projects
- Encouraging Student paper and poster presentations on diverse themes
- Incentives given to faculty on paper publication

6.3.5 Library, ICT and physical infrastructure / instrumentation

Physical infrastructure

New additions to the infrastructure in the academic year include Department rooms for Microbiology and Biotechnology, Ramp connecting St Chavara St Euphrasia Block and Departments of Microbiology and Biotechnology and to Library Block. New Auditorium work is in progress. The College has purchased 16.7 cents of land with building for extension as part of Marian Jubilee Memorial Kudumbaskema Padhathi.

ICT

Implemented e College Solution Software for administration. Installed D SPACE Software in library.

Library

College Library launched online digital library. 267 Text Books worth Rs 127795, 192 Reference books worth 504426, 41 CDs and 15 journals were added to the College Library.

6.3.6 Human Resource Management

Various committees, cells, clubs, forums work under the Principal to ensure smooth conduct of the institution.

- IQAC and College Council take initiative in organizing various activities and programmes and ensure maximum participation and promote leadership and coordination among the faculty and ministerial staff.
- Students' feedback on faculty and faculty self-appraisal ensures the provision of the best.
- Orientation and extension sessions are given to the faculty and students.
- Regular IQAC, Staff Council, Staff and various Committee meetings are held to bring in innovations in academic and non-academic activities.
- Principal visits the departments and motivates the faculty and congratulates on their achievements
- Grievance Redressal Cell for Faculty and Ministerial Staff to settle grievances

6.3.7 Faculty and Staff Recruitment

The College recruits staff as per the Kerala Government Service and UGC norms. The management recruit staff in strict adherence to the norms stipulated by the University and the Government.

Faculty for Self-financing programmes and leave vacancies and vacant posts are selected through interview conducted by the College as per norms. Notifications are published in the leading dailies and appointment is based on merit (marks in qualifying exams, additional qualification, publications, presentations, teaching and

research experience are given weightage) and performance in personal interview by the Interview Committee with subject expert. Management appoints guest administrative and technical staff to overcome the shortages in regular appointments and for smooth working of the institution.

6.3.8 Industry Interaction / Collaboration

- Industrial/ institutional visits are arranged for first-hand experience and effective practical learning
- Expert classes are arranged with experts from industry and those with technical expertise
- MOUs with industries/institutions for academic initiatives
- Linkages and Collaborations for national Seminars, expert classes and practical sessions, projects, placement and so on
- Internships with industry and institutions

MOU

Centre for Continuing Education, Trivandrum, Kerala Historical Research Society, M.S. Swaminathan Research Foundation, Department of Conservative and Endodontics; Al-Azar Dental College, Thodupuzha, Department of Botany B.K College for Women, Amalagiri, Kottayam, Regional Agriculture Research Station, Kolazhy Panchayath, St Mary's Convent C.U.P.S, Loongs Academy

Collaboration/Linkages

Archeological Survey of India, Kerala Historical Research Society, Red FM 104.8, CMFRI- Kochi, Kerala State Council for Science Technology and Environment, HRCLPS Nadathara, Mother Arts And Science College, Peruvallur, St Anne's, C.G.H.S., West Fort, St Mary's C.U.P.S., Chiyaram, Little Flower College, Guruvayoor, St. Theresa's U.P. School, Manalur, Carmel College, Mala, Govt. RSRVHSS, Velur, Devamatha Public School, Thrissur, St Thomas U.P.S., Koonammoochi, St Xaviers C.U.P.S, Pudukkad, Sacred Heart C.G.H.S, Thrissur, Vimala College, Thrissur, Ward 12 Anganawadi Kolazhy, Carmel Mount Special School, Mullurkara, St. Mary's CBPS Kottekad, Holy Family C.G.H.S. Thrissur, T.M.V.H.S.S., Perimpilavu, St Raphael's C.G.H.S. Ollur, St Joseph's College,

Irinjalakuda, St. Thomas HSS Mayanur, Govt. L.P. School, Ammadam, Central Marine Fisheries Research Institute – Kochi, Green Books, Kerala Mathematical Association, Indian Medical Association, KIDS –Kottapuram

Industrial/Institution Visit

Periyar rice mills, Perumbavoor, Merriboy ice creams, Perumbavoor, Fablab of Start-up Village, Kalamassery, Kerala Forest Research Institute (KFRI), Peechi., Modern Bread Factory, Kochi., IT-BT Complex and College of Forestry KAU, Mannuthy, Agricultural Research Station, Mannuthy, Tea factory at Doddabetta, Ooty, C-MET (Centre For Materials Electronics Technology), Athani, Kochi Stock Exchange, Flowers Channel, Kochi Historical Site Visits at Hyderabad, Ernakulam and Megalithic Sites at Munnar, Mazhavil Manorama- Aroor Studio, Kochi, Spice Research Centre, Kozhikode, IIM Kozhikode, Calicut University- John Mathai Centre Library

6.3.9 Admission of Students

The College follows the Centralized Admission Process introduced by University of Calicut for all UG and PG programmes except for B. Voc. programmes. The selection for the B. Voc. programmes is based on merit. Selection of candidates to Management Quota is decided by the Management Quota Committee and is based on cut off marks. Due consideration is given to the children and relatives of staff members, applications belonging to the catholic community and for the poor and the marginalized. No donation or other funds are collected by College for admission to Management Quota.

6.4 Welfare schemes for

Teaching	PF, SLI, GPAIS, ESI, GIS, Accommodation, Annual salary increments, Grievance Redressal Mechanism
Non-teaching	PF, SLI, GPAIS, ESI, GIS Financial support to deserving, Salary in advance, Children’s Education Fund, Accommodation, Medical Assistance, Annual salary increments, Grievance Redressal Mechanism

	In 2016-17 Sewing machines were given to three support staff
Students	Fee concession, Free books, PTA and other Endowments, Free ships, Financial support and fee instalment facility to poor and deserving. Free or concessional Hostel accommodation, Medical Assistance, Financial support for industrial visit, Cells for Grievance Redressal, Anti Ragging and Prevention of Sexual harassment

6.5 Total corpus fund generated 1.3 lakh

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	IQAC
Administrative	No	DD Office AG Office	Yes	Private Chartered Accountants

6.8 Does the University/ Autonomous College declare results within 30 days? N.A

For UG Programmes Yes No

For UG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms? NA

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

Elder St Marians

- Talk on Medicinal Uses of Pulses by Dr. Roni Ignatius
- Organized a talk on Medicinal importance of Amla by Dr. Varsha, Oushadi Pancha Karma hospital, Thrissur.
- Organized a talk on fortification of health drink by Dr K S Rajithan, Superintendent of Oushadi Pancha Karma hospital, Thrissur.
- Active participation in Marian Monsoon Fest
- Lectures on Indian Agriculture: Trends and Challenges, Financial market instruments, Foundations of Econometrics as part of Alumnae Lecture Series, 2016-17 by Department of Economics
- Alumnae of Department of Economics provided enabling classes to the MA Applied Economics students
- Organized a free eye camp in collaboration with the Departments of Microbiology and Botany together with Vijayasree Eye Hospital, Thrissur. The programme was conducted at St. Mary's CBPS, Kottekkad on 19-10-2016. Further consultation if needed was provided at Vijayasree Eye Hospital. Cataract operation was done on five patients Rs. 25000/- was spent for medical camp by alumnae
- Mrs. Santha Rajagopal (Elder Marian-1975-77) renowned host of Cookery Shows conducted demonstration session on "Rajma Chavel".
- Extension Talk on Medicinal plants were given to parents of students of St. Mary's U P school, Anjeri by Dr. Roni Ignatius.

- Alumnae sponsored an amount of Rs 25000/- for setting Aviary and Aquarium (Ornamental Fishes and aquatic plants for setting aquarium) at Carmel Mount Special School, Mullurkara.
- Awareness class on “Women’s Health – Nation’s Wealth” by Dr. Roni Ignatius.
- Distributed health card to I DC students. Dr. Deepthi, Gynecologist, West fort Hospital, Thrissur provided free consultation to the UG students of 2013- 17 batch based on the details in the Health card.
- Gem of St. Mary’s’ competition was organized to select the best student among the outgoing UG and PG students. Ms. Meera V M of III BSc Microbiology was selected as ‘Gem of St. Mary’s’.
- Contributed an amount of Rs. 30000/- towards instituting scholarships for the student achievers of the Department of Management Studies and Social Work.
- Released Reverie -Annual newsletter of Elder Marians and organized cover page designing competition for “Reverie”.
- Hemoglobin determining camp was arranged for IDC students.
- Participation in “Help desk” initiated by Innovation cell of the College

SMART-St Mary’s Association of Retired teachers

- Members of SMART extends their support in all activities of the College.
- Provided orientation sessions to students
- Served as Judges in various College level and National Level Competitions organized by College
- Organized Elocution Competition for students

6.12 Activities and support from the Parent – Teacher Association

College has an active PTA and the Executive Committee meet periodically and discusses all important activities of College

- 10 Executive committee meeting were held and PTA General Body meeting was held
- Departmental Level PTA meetings are held regularly

- Orientation to I DC parents by PTA Executive
- Active Participation in Marian Monsoon Fest
- Collection of Rs. 14200/- through sale of Christmas cakes for student welfare
- A sum of Rs. 4.5 Lakhs was allotted for renovation of college
- Honoured the retiring Vice Principal and PhD Awardees.
- A sum of Rs. 75000/- allotted for D Zone
- Shield Awarded to toppers from each departments

6.13 Development programmes for support staff

- College organized a State Level Workshop on effective Institutional Administration on 18th March 2017 with an aim to develop linkage with government machinery and academic institutions.
- Development programmes for support staff
- Participation in Talks, Seminars, Workshops and other Orientation Programmes within and outside the College
- Hands on Practice sessions for e-College solution software
- Communicative English Sessions

6.14 Initiatives taken by the institution to make the campus eco-friendly

Apart from the initiatives continued from previous years, the College has extended their commitment towards greener tomorrow by organizing variety programmes and activities towards environmental conservation and by the following initiatives

- 80kw solar panel in College, and 1kw in Hostel
- Replacement of tube lights using LED bulbs
- Promotion of Cloth and paper bags by making it in the campus and distributing among the students and staff
- Distribution of seedling of underutilized pulses to the students
- Planting of trees in College Sports land
- Organic vegetable garden in hostel
- Enhancement of butterfly garden

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Introduction of Additional Skill Acquisition Programme(ASAP)- An Initiative of Higher Education. Govt. of Kerala
- Three UGC Add On Diploma Programmes in Yoga and Health Management science, Plant Tissue culture and Communicative English
- Diploma in Computer Application (DCA) by Centre for Continuing Education. Kerala
- Beginning of Campus Radio- RFM live Radio 'Rythm Fun &Music' with the support of Club FM 104.8.
- Conducted First All Kerala Hockey Tournament- MARIAN CUP inaugurated by Honourable MP, Sri. C. N. Jayadevan.
- Business Fair - Expo Karmin-16 conducted by Department of Management Studies and inaugurated Honourable Minister for Devaswom Sri. Kadakampally Surendran.
- The first *MAHITHA* award instituted in honour of the former Principal Sr. Dr. Chrislin. was presented to Smt. M. S Jaya, IAS the former District Collector of Thrissur, presently Director Higher Secondary Education, Govt. of Kerala
- Installation of Online Digital Library with the assistance of MP fund and was inaugurated by Honourable MP, Sri. C. N. Jayadevan.
- Conducted an Intercollegiate Carol Song Competition
- Organised FEMESSIONALS –a Business fest of 2 days, in which various intercollegiate competitions were held.
- Introduction of Red Ribbon Club

- Karshakasree Award as part of Marian Agri Fest with the intention to promote organic farming
- St Mary's College Jubilee Memorial Kudumbaskhemam Padathi (SMCJMKP)- A new venture was inaugurated in the acquired new land and building at Mission Quarters with the intention is to activate the community orientation among our students.
- Installation of E - College Solutions.
- Registration of Entrepreneurial Development Club with Directorate of Industries and Commerce, Govt. of Kerala

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan of Action	Achievements
Introduce new Programmes	<ul style="list-style-type: none"> • Applied for MA English, BSc Physics, B Com Finance • Regularization of B. Voc Programmes
Organise Seminars/ Workshops .invited Lectures,	<ul style="list-style-type: none"> • Three National seminars were conducted by Departments of Botany, History and Computer Science and Applications. • Eight Regional/State level Seminars/ Workshops were conducted by Various departments and Ministerial Staff • 93 invited Lectures were held • Orientation, training sessions, extension ,expert classes were organised
UGC Add on Programmes	<p>3 UGC Add on Programmes conducted:</p> <ul style="list-style-type: none"> • Communicative English • Plant Tissue Culture • Yoga and Health Management Science

Skill Enhancement Programmes	<p>Conducted 10 Skill Enhancement Programmes- Graphic designing, Handicraft making and Cosmetology, Tailoring, Interior Designing Driving, Clay Craft and Surface Ornamentation, Legal information, Applied Psychology in Management, Basic Numerical Skills, Introduction to Business World</p> <p>Introduced Additional Skill Acquisition Programme (ASAP) - An Initiative of Higher Education. Govt. of Kerala</p>
Diploma Programmes	<p>Conducted three UGC Add On Diploma Programmes in Yoga and Health Management Science, Plant Tissue culture and Communicative English and Diploma in Computer Application (DCA) by Centre for Continuing Education. Kerala</p>
Certificate Course	<p>12 Certificate Course of 30 hours for IV Semester UG students:</p> <p>Learning for Employability and performance, Graphic Designing Advanced Concepts, Museology, First Step to Accounting, Mushroom Cultivation Techniques, Good Laboratory Practices, Geomath, Phytochemistry, Indian Stock market, Basic Counselling Skills Food and Nutrition, Adobe Pagemaker</p>
Assessment and Evaluation	<ul style="list-style-type: none"> • Two internal assessment exams conducted for UG and PG per semester. Exam schedule is decided by the Internal Exam Committee in consultation with College Council and IQAC • Continuous Assessment through class tests, seminars and assignments. Innovative online Assessments • Grievance Redressal Mechanism for grievances related to assessment
Research	<ul style="list-style-type: none"> • Publication of Research Journal- Annals of Basic And Applied Sciences (ISSN No. 2277-8756) • 10 research scholars undergoing Research for PhD in Department of Mathematics & Botany • 3 faculty awarded PhD in the academic year and 7 faculty pursuing research for award of Ph. D.

	<ul style="list-style-type: none"> • Motivation provided for teachers to publish awareness creating books on related topics • Completed Eight minor projects from UGC • Faculty submitted proposal for major Research project • Encourages paper and poster presentation by students in seminars • Initiation for establishment of Butterfly garden in State Museum and Zoo Thrissur for promoting concepts of conservation and research culture in students
Career Guidance and Placement Cell	<ul style="list-style-type: none"> • Career Counselling for students • Competitive Exam coaching • Orientation and enrichment Programmes organized by Career Guidance Cell • Career Placement Drives
Competitions Organised	<ul style="list-style-type: none"> • Dept of Management Studies organised Management Fest- Karmin 2016 and Dept of Commerce conducted Femessionals-Business Fest and Expo in which various intercollegiate activities and competitions were organised • Inter collegiate competitions conducted on different themes by various departments • College arts festival is organized • Various departments ,clubs and associations organized variety College level competitions
Day Celebrations and Awareness Programmes	<p>Observation of Independence day, Republic day, Environmental day, International year of pulses, Hepatitis Day, World Nutrition day, National Science Day, Human Rights Day, World Wetland Day, World Mental Health Day, Sparrow Day, Ozone Day, Literary week, pi day, Cancer Awareness Week, Saving Day, World population Day World wild life day, Alzheimer's day, Onam and Christmas celebration</p>

PTA	<ul style="list-style-type: none"> • 10 Executive committee meeting were held and PTA General Body meeting was held • Departmental Level PTA meetings are held regularly • Orientation to I DC parents by PTA Executive • Active Participation in Marian Monsoon Fest • Collection of Rs 14200/- through sale of Christmas cakes for student welfare • A sum of Rs 4.5 Lakhs was allotted for renovation of college • Honoured the retiring Vice Principal and PhD Awardees. • A sum of Rs. 75000/- allotted for D Zone • Shield Awarded to toppers from each departments
Student Welfare	<ul style="list-style-type: none"> • Organized two day Marian Monsoon fest- Fund raising programme for student welfare • Financial support and freeships in form of fee concessions, free food and accommodation, instalment fee payment facility, free textbooks and so on
Counselling	<ul style="list-style-type: none"> • A trained counsellor provides regular counselling to students • Faculty as Mentor- Each student is under a faculty mentor • Career Counselling is provided by Career Guidance Cell and Psychology departments
Life Guidance and Value Education	<ul style="list-style-type: none"> • Life Guidance Programme for all final year UG and PG students • Value education, ethics and religious classes on every Mondays • Residential Annual Retreats and Value based programmes for UG and PG students • Value Education Course for all students with exam conducted by University of Calicut

<p>Gender Sensitization</p>	<ul style="list-style-type: none"> • Organized First Sr. Dr. Chrislin Endowment Award Ceremony instituted in honour of Sr. Dr. Jacintha C.C. (Our Former Principal)–Smt M S Jaya, IAS, Higher Secondary Education Director, Govt. of Kerala is the first recipient of the Mahitha Award • Organized Dr. Sr. Rani George Endowment Lecture on “Women Entrepreneurship -Trends, Challenges and Possibilities” and National Level Paper Presentation Competition • Women’s Cell and Departments conducted 30 Gender awareness programmes
<p>Community Extension</p>	<ul style="list-style-type: none"> • Karunardram-Serving lunch to the people in the streets once a week • Programs conducted in the Kolazhy Panchayath as part of adoption of the Panchayath as Child Friendly. • St Mary’s Square Outreach Sponsorship Project • Organ Donation Campaign and Awareness Programme • Blood Donation Camps • Vatsalyam-Serve the Poor and needy programme • Santhwana Sparsham – Organ Donation Awareness of Department of English • Lakshya – Community oriented free competitive exam coaching for the weaker sections of society • Initiation for Establishment of Butterfly Gardens in Institutions as a part of Watch and Observe Butterflies, more than 600 plants were distributed • Microbiological water analysis in nearby localities • L’Aria Fresca- Clean Campus, Clean City • Thanal : Free stitching training to Women of community with the intention of women empowerment. • Sparsam : A program of donating 15 smart canes to blind people, and the fund was raised solely from staff and students. • SMCJMKP: A new venture was inaugurated in the acquired new land at Mission Quarters. The intention is

	<p>to activate the community orientation among our students.</p> <ul style="list-style-type: none"> • E-literacy program organized for differently abled students of St. Josephs School, Cheroor.
Clubs, Forums, Cells, Department Associations	<ul style="list-style-type: none"> • 12 Clubs and 4 Forums functions actively in the campus. • Club activities are arranged on 1st and IIIrd Fridays of the month. • Forums and Department Associations arrange Programmes, Visits, Competitions, and Talks.
Feedback	<p>College has effective feedback system from all its stakeholders, consolidates and takes necessary action</p> <ul style="list-style-type: none"> • Student feedback from final year UG and PG students at the end of the course • Teacher Feedback from all students • Feedback on Student Capability Enhancement Programmes • Feedback from Parents of II UG students • Alumnae feedback • Employer feedback
Environment oriented activities	<p>Organised 14 Seminars /invited lectures. 15 competitions to arouse environmental consciousness, 28 other activities –field trips, exhibitions, training programmes etc.</p> <p>Karshakasree Award instituted as part of Marian Agri Fest</p>
Alumnae	<p>Organised talks and sessions on Medicinal importance of Amla, fortification of health drink, Medicinal Uses of Pulses, Lectures on Indian Agriculture : Trends and Challenges, Financial market instruments, Foundations of Econometrics, Rajma Chavel, Women’s Health – Nation’s Wealth</p> <ul style="list-style-type: none"> • Active participation in Marian Monsoon Fest • Provided enabling classes to students

	<ul style="list-style-type: none"> • Organised a free eye camp in collaboration with the Departments of Microbiology and Botany together with Vijayasree Eye Hospital, Thrissur. • Extension Talk on Medicinal plants were given to parents of students of St. Mary's U P school, Anjeri • Sponsored an amount of Rs. 25000/- for setting Aviary and Aquarium(Ornamental Fishes and aquatic plants for setting aquarium) at Carmel Mount Special School, Mullurkara. • Released Reverie -Annual newsletter of Elder Marians • Distributed health card to IDC students and arranged free consultation with Dr. Deepthi, Gynecologist, West fort Hospital, Thrissur • Gem of St. Mary's' competition was organized to select the best student among the outgoing UG and PG students • Contributed an amount of Rs. 30000/- towards instituting scholarships for the student achievers of the Department of Management Studies and Social Work. • Haemoglobin determining camp was arranged for IDC students. • Participation in "Help desk" initiated by Innovation cell of the College
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7.3 Give two Best Practices of the institution

- Feedback from Stakeholders- Review and Reassure
- Butterfly Conservation and Habitat Preservation (Details in annexure III)

7.4 Contribution to environmental awareness / protection

- *Karshakasree* Award was instituted as part of Marian Agri Fest with the intention to promote organic farming among student community
- Booklets and Books on Butterfly conservation and wetland conservation

- Dr Deepa G. Muricken and team of MSc students developed Biogenic wound healing material

Talks & Seminars organised.

Sl No	Programme	Department	Date
1	Invited talk on “Organic farming” by Dr. S. Estelitta, Professor and Head, Communication Centre, Kerala Agriculture University, Mannuthy.	Botany	3 rd Jun 2016
2	Seminar – <i>PragrithiyaAriyu</i>	Vocational Studies	8 th Jun 2016
3	Invited talk on “Biodiversity of Western Ghats” by Dr. Jain J. Therattil, Assistant Professor in Zoology, St. Aloysius College, Elthuruth, Thrissur.	Botany	10 th Jun 2016
4	Invited talk and Demonstration on “Plant Vertilizer-Fish Amino” by Dr. Julie P Lazar, H.O.D, Department of Economics, St. Mary’s college, Thrissur	Botany	10 th Jun 2016
5	An invited talk on “Illegal trafficking of wild animals by Sri. M.I Varghese, IFS (Retd)	Botany	13 th Jun 2016
6	Invited talk on “Medicinal uses of pulses” by Dr. Rony P. Mathew, BAMS, Ayurvedic practitioner.	Botany	22 nd Jul 2016.
7	Invited talk on ‘Use Less Plastic and Save Environment’ by Dr Parvathy K S	Mathematics	10 th Aug 2016
8	Invited talk by Dr. Hemamalini, Medical Officer (NHM), Chalavara, Palakkad on “ <i>MazhakalaRogamghalumprathividhigukalum</i>	Microbiology	7 th Sept 2016

9	Invited talk by Dr T V Sajeev, Scientist E1, Department of Forest Entomology, KFRI, Peechi	Chemistry	28 th Sep 2016
10	Invited talk on “ Biodiversity and uses of pulses with special reference to underutilized pulses” by Dr Bince Mani, St Thomas College, Pala	Botany	15 th Dec 2016
11	Invited talk on “Wetlands for disaster risk reduction” by Dr. C.P Shaji, Former Principal Investigator, Kerala Biodiversity Board.	Botany	2 nd Feb 2017
12	One day workshop – ‘Keep the Earth Alive’ in collaboration with CMFRI, Kochi.	Economics	7 th Feb 2017
13	Two day National seminar on Habitat Restoration And Butterfly Conservation sponsored by KSCSTE	Botany & Zoology	7 th & 8 th Feb 2017
14	Invited talk on “Wetlands for disaster mitigation” by Dr. S. Sreekumar, Associate Professor, Dept. of Geology and Environment Science, Christ College, Irinjalakuda.	Botany	2 nd Mar 2017

Competitions:

Sl No	Programme	Department	Date
1	Poster Making Competition on the topic One Earth One Family	Commerce	7 th Jun 2016
2	Power Point Presentation Competition on the topic ‘Impact of e-Waste on Ground Water and its Solutions’.	Computer Science and Applications	9 th Jun 2016
3	Poster Making Competition on the topic “Impact of Environmental Changes on Human Lifestyle”. Prior to the competition a small awareness class on “Global Warming and Its	Psychology	9 th Jun 2016

	Physiological and Psychological Effects” was given to the participants.		
4	Pencil Drawing Competition on Green Environment	Management Studies	15 th Jun 2016
5	Intercollegiate power point presentation competition on the theme “Fight Against Illegal Trafficking Of Wild Animals”.	Botany and Zoology	17 th Jun 2016
6	Intercollegiate photography competition “Selfie with a butterfly”	Zoology	17 th Jun 2016
7	Versification competition on Nature	Zoology	17 th Jun 2016
8	Debate -Need for a balance between development and environment: with special reference to Athirapilly Electric Power Project.	History	30 th Jun 2016
9	Essay writing competition on "Vast Modernization versus Environment"	Biotechnology	12 th Jul 2016
10	Collage making Competition- Ozone and Climate: restored by a united World.	Chemistry	27 th Sep 2016
11	As a part of Shalabolsavam, Competitions in Collage, Water Colour Painting, Poster Making, Versification, Short Story Writing, Essay Writing and Pencil Drawing were conducted for the students.	Zoology	25 th Oct 2016 to 27 th Oct 2016
12	Photography competition on wetlands	Zoology	22 nd Feb 2017
13	Intercollegiate poster making competition on the topic wetlands.	Botany	28 th Feb 2017
14	Power point competition on Sparrow day	Zoology	27 th Mar 2017
15	Power point competition on World wild life Day	Zoology	28 th Mar 2017

Activities:

1	As a part of World environmental Day celebrations Principal Dr. Sr. Marriette planted Agathy tree saplings in College ground.	Botany	3 rd Jun 2016
2	Screened a short film on illegal trade of wild animals	Zoology	3 rd Jun 2016
3	Cleaning of Public Library and Premises	Microbiology	10 th Jun 2016
4	Planted trees on Sports ground	Zoology	10 th Jun 2016
5	To raise global awareness and to take positive environmental action to protect nature and the planet Earth, an exhibition on the deforestation, aquatic toxicity, eutrophication, protection of endangered species and climate changes was conducted.	Biotechnology	13 June 2016
6	As a part of World environmental day celebration, field trip was arranged for school students. Forty school children from rural area were selected for field trip to Zoo, Thrissur.	Botany	17 th Jun 2016
7	Extension class on wildlife conservation and conservation of butterflies at St Mary's School, Chiyaram	Botany and Zoology	17 th Jun 2016
8	As a part of environment day, in collaboration with Kolazhy panchayath, the students from the Department of Social Work performed a flash mob on the topic "Waste Management" at Thiroor Junction.	Social Work	20 th Jun 2016
9	An exhibition on 'Pulses and their importance in life' was organised. Sale of various pulse seedlings was also arranged in the exhibition.	Botany	4 th & 5 th Aug 2016

10	As a part of Science Popularization Programme organized by KSCSTE-Inauguration of 'A home for the Tender wings- Indigenous Butterfly Conservation and Habitat Preservation' was conducted by Sri Balachandran Chullikad.	Zoology	4 th Aug 2016
11	In connection with Monsoon Fest 2016 students performed a drama related to prevention of Monsoon diseases and tips to stay healthy during monsoon season.	Microbiology	5 th Aug 2016
12	Department have developed a vegetable garden in the terrace. Vegetables so cultivated are sold among the staff of the College.	Mathematics	10 Aug 2016
13	A dance drama to create awareness on the need for protecting the ozone layer as part of Ozone day celebration.	Biotechnology	28 th Sep 2016
14	Mime on Ozone depletion -its consequences and remedies	Chemistry	28 th Sep 2016
15	Visit to natural habitats like Bhoothathankettu reserve forest and Thattekad Bird sanctuary.	Biotechnology	14 th Oct 2016
16	As a part of Science Popularization Programme organized by KSCSTE Logo release by Smt Jaya IAS, Director of higher Secondary Education - logo created with the picture of the southern birdwing held in the palm is a demonstration in itself to conserve butterfly for the future.	Zoology	24 th Oct 2016
17	As a part of Science Popularization Programme organized by KSCSTE, Oath taking ceremony to conserve butterfly habitats has taken by students and staff.	Zoology	25 th Oct 2016

18	As a part of Science Popularization Programme organized by KSCSTE, Butterfly plants exhibition was organized.	Zoology	31 st Oct 2016 & 1 st Nov 2016
19	‘Shalabholsavam’ was inaugurated by Dr Sajeev T V, Scientist, Department of Forest Entomology. KFRI, Peechi. Host plants and nectar plants of Butterflies were distributed to the selected institutions including schools and colleges.	Botany& Zoology	1 st Nov 2016
20	Training on butterfly gardening and Indigenous Butterfly conservation awareness programme-	Zoology	1 st Nov 2016
21	Exhibition and training programme on conservation of butterflies at Carmel college, Mala	Zoology	7 th Dec 2016
22	Exhibition and training programme on conservation of butterflies at St Annes School Westfort	Botany& Zoology	8 th Dec 2016
23	Trip was conducted to Kanimangalam kole wetland and Azhikode wetland to observe Wetland Day	Botany	27 th Jan 2017
24	Poster exhibition on the topic ‘Environment Vs/And Development	Economics	31 st Jan 2017
25	Exhibition on butterfly conservation at St Thomas HSS Mayannur	Zoology	10 th Feb 2017
26	Exhibition on butterfly conservation at 9 th ward Anganwadi of KolazhyPanchayath	Zoology	11 th Feb 2017
27	Exhibition on “Wetlands And Their Importance” was arranged.	Botany	27 th Feb 2017
28	Extension class on Water for life at St Marys CUPS	Zoology	11 th Apr 2017

As part of Swachh Bharat Mission of Government of India, Haritha Kerala initiative of Government of Kerala, and L' Aria Fresca initiative of College, students and staff actively participated in cleanliness drives, conservation initiative and awareness programmes within and outside the College.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add

The dedication and sincerity of the teaching and administrative staff is our foundation. Their ceaseless and selfless dedication contributes invaluable services. St. Mary's College has been the recipient of many awards and accolades over the years

- The College has **ranked 55th among colleges in India in NIRF** ranking by Ministry of Human Resource Development, Govt. of India.
- St Mary's College received **Consumer Protection Award 2016-17** from Honourable Minister for Agriculture Adv V S Sunilkumar.
- Sr. Dr. Jacintha C.C., the former principal of the college won the **AIACHE Best Principal Award 2015**. She received this prestigious award at the Golden Jubilee Celebrations of the AIACHE.
- **Dr. Binu K.** of the Department of Sociology was conferred **Vivekananda Puraskar 2016**, instituted by Sewabharathi Anchal Kollam for his contribution to teaching, research and extension.
- **Dr. May Flower K. A** of the Department of Hindi was awarded **Youth Translators Award** for her translation of ten stories from various languages.
- **Lt. Anu D. Alappatt**, Department of Physical Education was conferred the **VANITHARATNAM Award** by JCE Thrissur
- **Muneera M.S.** of our College **represented India in the Common Wealth Weight Lifting Championship at Malaysia and secured bronze medal.**

8. Plan of Institution for next year

- Interdisciplinary paper presentation for UG students
- Publication of Book on relevant topics
- Development of Blogs and e content by Departments

- Intercollegiate Quiz Competitions
- National level and Regional Seminars and Workshops on relevant themes
- MOOC in different disciplines
- Intercollegiate faculty paper presentation
- Funded Student Projects
- Finishing School Initiatives for UG and PG students
- Science Popularization on Solid Waste Management
- Library Science Seminar
- Expansion of data in D Space
- Entrepreneurship development among students
- Establishment of Butterfly Garden in Museum and Zoo
- Rural Development
- Marian Community Employment Generation Programme
- External Academic audit
- Start Up initiative

Name: *Dr Julie P. Lopez*

Name: *Sr. Dr. Magie Jose*

Julie

Signature of the Coordinator, IQAC

Magie Jose

Signature of the Chairperson, IQAC

**PRINCIPAL,
ST. MARY'S COLLEGE,
THRISSUR - 20.**



Annexure -1
Academic Calendar 2016-2017

June

College Reopens
Orientation for Students
World Environment Day
Inauguration of College Sports land
Observation of Blood donors Day
Vayanavaram
International Yoga Day
Workshop on Android Programming
Retreat and Value Education programmes for II DC students
Inauguration of College Sports Land

July

Orientation for I DC Students and Parents
Organ Donation Awareness Programmes
Orientation on Open courses
World Population Day
Communicative English sessions initiation by the Dept. of English
Carmel Day Celebration
First internal assessment exam V Sem and III Sem UG

August

Marian Monsoon Fest
Inauguration of “A Home for Tender Wings- SPP Programme” of KCSTE
Career Aptitude Test for all final year Degree students.

Topper's Day Celebration

Beginning of Skill Enhancement Programmes and UGC Add on Programmes

Santhwana Sparsham – Organ Donation Awareness Programme

Hiroshima Day Observation

September

Teacher's Day

Onam celebration

National Seminar by Department of History

Ozone Day celebrations

First internal assessment exam I Sem UG

October

Book exhibition cum sale

Sr Dr Chrislin Award Ceremony

Sports Meet

Observation of World Mental health Day

Eye Camp in association with Alumnae

Workshop on Management studies

College Fine Arts Inauguration

Launching of Campus Radio

Savings Day Celebration

PTA General Body

November

Keralapiravi Dhinaghoshangal

Exhibition on Kerala History

Inter collegiate Hockey Tournament

Digital Library inauguration

Communicative English orientation to faculty
KARMIN 2016' Business Fair-Expo
Second Internal Assessment examination I, III and V sem UG
Semester Change UG (odd to even semesters)

December

Observation of AIDS Day
Celebrating Human Rights Day
Sr. Rani George Endowment Lecture and Paper Presentation Competition
Intercollegiate Carol Competition
Christmas Celebrations
Wonder Women Competition
Gem of St. Mary's' competition
Beginning of Certificate Programmes
Release of Research Journal -Annals of Basic and Applied Sciences
Exhibition by Science Forum
National Seminar – Byteclix

January

Exhibition on Environment and Development
Life Guidance Programme
Alumnae Annual Reunion
Republic Day Celebrations
First Internal Assessment Exam II, IV and V Sem UG

February

College Day Celebrations
Intercollegiate Workshop - Environment
National Seminar- Dept of Botany

National Science Day celebrations

HACCP training

Catechism Exam and Value Education Exam

Second Internal Assessment Examination- V Sem UG

March

State Level Seminar by Ministerial Staff

Social and send off – Final Year students

IQAC general Body

Prathiba Day

IQAC General Body

Second Internal Assessment Examination-IV and II Sem UG

Annexure II

Students Overall Evaluation on the institution

Overall feedback on the programme, faculty, institution and student support facilities and activities are collected from the final year PG and U G students. The feedback is consolidated by the heads of the departments and necessary actions were taken after giving due consideration to the suggestions and requirements of the students. IQAC consolidates the feedback using Likert scale methodology. The Feedback for 2016-17 is as follows.

Sl. No	Details	Index value UG	Index value PG
1	What do you think about the subject taught in the course	83.22	83.05
2	Do the teachers communicate the subject effectively	90.78	78.60
3	Do the teachers encourage student participation in class	87.44	79.66
4	Do the teachers contribute to your personality development	86.45	75.42
5	Is the Internal Assessment effective	89.54	86.44
6	How far is your course helpful for higher education and employment	88.01	79.92
7	How well is the discipline of the institution maintained?	91.26	81.35
8	How far are the talks and seminars helpful in: a) Value Education	87.24	72.66
	b) Job Awareness	83.31	93.00
9	How do you assess the opportunities for sports and other- extracurricular activities?	79.76	75
10	Does office function effectively in fee collection, examination work etc.	84.21	82.62

11	How do you assess the following?		
	a) Library	91.90	87.58
	b) Lab and computer facility	81.92	86.73
	c) Hostel	73.32	76.28
	d) Canteen and Leisure Bower	79.66	80.48

Part- B

Sl. No	Details	UG Yes (%)	PG Yes(%)
1	Do you think that the good reputation and academic excellence of the college were factors in seeking admission to this institution?	82.43	89.83
2	Does the college offer you chances for social service through CSS, NSS, NCC, Outreach Programmes etc.?	80.27	72.88
3	Does the college provide value education through Tutorial classes, talks, seminars, orientation etc.?	91.08	89.83
4	Are there adequate library and computer facilities to promote research culture?	83.24	72.88
5	Does the college have disciplined and value based culture?	92.97	90.67
6	Are there talks on life guidance, career guidance and placement?	90.27	77.96
7	Are the teachers helpful in your personal needs?	83.82	83.90
8	Has the team work culture of the college helped you to become better citizens?	85.36	81.56
9	Has your personality improved after studying in the college?	83.82	85.69
10	Would you like to be in touch with the college even after you leave it.	82.70	87.29

ANNEXURE III

Best Practices

1. Title of the Practice: Feedback from Stakeholders- Review and Reassure

Goal

To have an assessment of the institution by examining its performance in curricular, co-curricular and extracurricular spheres and the role in holistic development of student community and service to society

Context

Success of the stakeholders are the hallmark of any institution. A multifaceted, comprehensive and well defined curriculum and the student support academic initiatives need to be updated with regular feedback from stakeholders. College has undertaken this appraisal to improve itself, undertake new initiatives and to strengthen its performance.

Practice

Feedback is collected from all the stakeholders of the institution during each academic year and performance appraisal is carried out and innovative measures are undertaken for holistic development. As a benchmarking measure six feedbacks are collected- Students feedback on Regular Programme, Value added Programmes and faculty, Parents feedback, Alumnae feedback and Employer feedback.

Students' feedback on Course

Overall feedback on the institution, courses and facilities, student support programmes, internal assessment schedule, teacher student interaction are collected from the final year PG and U G students. The feedback is consolidated by the heads of the departments and the data collected is assessed using Likert scale methodology and graded

to best (100-66.66), moderate (66.66-33.33) and poor (0-33.33). The best measures are continued and upgraded to a higher level by introducing next level programmes and improvements are done in case of necessary parameters.

Feedbacks on each faculty

To ensure the academic quality of various programmes the effort of the faculty is instrumental. To evaluate the efficiency and commitment of the faculty towards the teaching learning process and for student upliftment, feedbacks on each faculty were taken from all the students. Principal takes the confidential feedback from the students and data is analysed and the performance is ranked as excellent, very good, good, average and poor. Suggestions and recommendations are given to the faculty by the Principal confidentially.

Students feedback on Student Capability Enhancement Programmes

Feedbacks are designed to identify the strengths and weakness of different Skill Enhancement Programmes and Certificate Courses. The feedback is taken on a four-point scale -excellent, very good, good and satisfactory and tabulated to bring in a correct evaluation and to identify the effectiveness of the programme. Courses with below average ratings are changed or redesigned.

Feedback from parents

Feedbacks from parents are collected from parents all the Ilyear U G and PG students and selected parents of different classes on the institution, programmes, facilities, career guidance activities and so on. The feedback is taken confidentially on a four-point scale excellent, very good, good and satisfactory. The Heads of the departments consolidates the feedback using Likert scale methodology and graded to best (100-66.66), moderate (66.66-33.33) and poor (0-33.33). The data is consolidated at the departmental level and at the College level. Discussions are carried out in the PTA Executive committee, PTA general Body and Departmental PTA meetings. Suggestions and recommendations of

the PTA are taken into consideration and necessary corrective measures are ensured by the College authorities.

Alumnae Feedback

College maintains a close bond with her Alumnae. Formal and informal feedback is collected from them. Feedback is tabulated in the interval of 5 years. Formal feedback forms are tabulated by the Alumnae Executive Committee. Various changes and new activities and programmes are executed in the college on the recommendation and support of the Alumnae.

Employers Feedback

Feedbacks from the employers are collected and the college is really proud of the performance of her students in their work arena. The data collected on a four-point scale points out the areas that the institution needs to strengthen their academic performance and at the same time improve the potential of the youth to become competent to meet the challenges of the modern times. College has initiated a set of skill enhancement and certificate programmes to face this global challenge.

Discussions are carried out by the IQAC and College Council to improve the moderate level and below moderate level variables by adopting various innovative and enriching programmes to cater the requirements of the students in a better manner. IQAC also discusses the issue with the students forum for a better academic initiative.

Evidence of success

There is overwhelming response from all stakeholders which is noted in the interactions with them. The College has been able to get an assessment and take corrective and supportive measures wherever necessary. Innovations could be taken in dissemination of curriculum and student support measures including infrastructure. College has initiated a set of Skill Enhancement, Certificate and Diploma programmes to

responses of the alumnae and employer. The excellent rapport with the PTA indicates the satisfaction levels of the parents.

Problems encountered and resources required

Collection and Consolidation of feedback of all students is a big task but College has planned to go online in case of Student and Alumnae feedbacks. The difficulty in collecting and tabulating Alumnae feedback annually is to be overcome.

2. Title of the Practice: Butterfly Conservation and Habitat Restoration

Goal

The program was envisioned as an institution goal to conserve butterflies and spread the pulse of environmental conservation

Context

Habitat loss poses the greatest threat to species in the current scenario. India possess rich butterfly diversity but, Butterflies are sensitive creatures which are subjected to colossal environmental fluctuations in changing eco-scenario. They are an essential part of the food chain of numerous organisms and are considered as indicator species as their richness indicates a well set eco-unit. Butterflies and their life stages are dependent on specific host plants for food, and their survival ensures habitat conservation.

Conservation programs aimed for a particular purpose has positive effects on a multitude of organisms for any programs concentrates on enhancement of the ecosystem thereby creating home for umpteen species. Attempting activities and enrichment strategy by providing awareness programme for schools and colleges ensures promotion for conservation of the habitat and protection of rare endemic endangered species of plants and animals.

Practice

This endeavour creates a culture that infuses values of conservation and contribute to transformation of society to an Eco-friendly stature through inculcation of socially conscious. The activities include conduction of awareness campaigns, Training programs and seminars, conduction of Exhibition and competitions for School and college students, field visits, activities oriented towards restoration of habitat by developing butterfly gardens. Publication of Booklet on conservation of habitat, generating interest and knowledge about locally found butterflies in students and protective rearing and release of butterflies to the nature.

Evidence of success

1. With the cooperative volunteering of students, we could contribute more than 600 plants to schools aiding them in the ‘watch and observe butterfly in your garden’ program for visualizing, understanding and learning about importance of butterfly plants.
2. Establishment of Butterfly Gardens in 20 Institutions as a part of Watch and Observe Butterflies in Your Garden.
3. Initiation for establishment of Butterfly Garden in State Museum And Zoo. Release Of Book Shalabodhyana Nirmaanathinu Oru Maargaekha on butterfly conservation.
4. The training programme to the teachers and students delivered resources at school and college level who could transfer the knowledge about butterfly garden at their own institutions.
5. Skill acquired for butterfly gardening by students who attended Hands on training workshop.
6. Release of book on butterfly conservation.
7. Pioneers in developing a Certificate Course in Butterfly gardening in India.

Problems encountered and resources required

Although through the program butterfly garden has been established in many institutions maintenance of the garden in summer is a problem due to scarcity of water.