

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2015-2016

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

680020

Institution e-mail address

smctsr@gmail.com

Contact Nos.

0487-2333485

Name of the Head of the Institution:

Sr. Dr. Marriette A Therattil

Tel. No. with STD Code:

0487-2333485

Mobile:

9446513485

Name of the IQAC Co-ordinator:

Dr. Julie. P. Lazar

Mobile:

9497221177

IQAC e-mail address:

iqacsmcseminar@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

KLCOGN11890

OR

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:

DD/MM/YYYY

15-02-2005

1.8 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)

Nil

1.9 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

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

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

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers	21
2.2 No. of Administrative/Technical staff	1
2.3 No. of students	1
2.4 No. of Management representatives	1
2.5 No. of Alumni	1
2.6 No. of any other stakeholder and Community representatives	1
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	1
2.9 Total No. of members	28
2.10 No. of IQAC meetings held	14

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total No International National State Institution Level

(ii) Themes

Women's Meet- Gender sensitisation, Women Empowerment, Research Methodology and Project Funding, Personality Development, Environment Conservation

2.14 Significant Activities and contributions made by IQAC

- Orientation on College and student support activities to the I DC students and parents
- Orientation on Open Courses to V Semester UG Students
- Orientation on Clubs and Forums to I DC students

- To celebrate the 70th year of excellence in tune with its motto of holistic development of young women, IQAC organised the Women’s Meet on 14th January 2016 to honour 7 women of eminence from different spheres
- Organized Dr Sr Rani George Endowment Lecture on “The World of Spices, Herbs, Extracts and their Uses” and Intercollegiate Paper and Poster Presentation Competition on Innovative Practices in Environmental Conservation
- Conducted Academic Audit and evaluated filing of all departments using revised format
- Innovation Cell was constituted in accordance with the NAAC Peer team recommendation
- Constituted an Endowment Fund to institute an Award for Woman of Merit (*Mahitha* Award) every year
- Organised Marian Monsoon Fest to enhance entrepreneurial ability of students and as fund raising programme for student welfare
- *Aadharaneeyam* was organized to honour the dedicated services of former Managers, Principals and Staff of the College
- Organised Invited Lecture on Project Funding and Research Culture, Women Empowerment and Personality Development.

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
Motivate Departments to organise National Seminars/ Workshops . invited Lectures	<ul style="list-style-type: none"> ▪ 5 National seminars and 1 National Workshop was conducted by Departments of Chemistry, Economics, History, Computer Science/Applications, Social Work and Vocational Studies • 5 Departments presented seminar proposals to UGC
Organise Dr Sr Rani George Endowment Lecture and intercollegiate paper presentation competition	<ul style="list-style-type: none"> • Organized Dr Sr Rani George Endowment Lecture on topic- The World of Spices, Herbs, Extracts and their Uses and Intercollegiate Paper and Poster Presentation Competition on Innovative Practices in Environmental Conservation on 10th and 11th Dec 2015 respectively.
Encouragement for Publication by faculty	<ul style="list-style-type: none"> • Faculty published 40 articles in International and National Journals and 2 Books • 4 faculty have chapters in edited books
Research orientation	<ul style="list-style-type: none"> • Invited Lecture on Project Funding And Research Culture by Prof Mani K P, Head, Department of Economics, University of Calicut.

	<ul style="list-style-type: none"> • Intercollegiate Paper presentation and poster presentation competition in connection Dr Sr Rani George Endowment Lecture • Two faculty submitted minor research proposals to UGC • 6 faculty pursuing minor research projects and 8 faculty completed minor projects • 2 faculty presented papers in international seminars and 52 in national seminars
Organise Gender Sensitization and Women Empowerment programme	<p>Two programmes were organized under initiative of IQAC</p> <ul style="list-style-type: none"> • To celebrate the 70th year of excellence in tune with its motto of holistic development of young women, IQAC, organised the Women's Meet on 14th January 2016 to honour women of eminence from different spheres. Smt. Ajitha Jayarajan,(Hon Mayor, Thrissur Corporation) Dr. Sherly Vasu, (Principal, Govt Medical College, Thrissur) Smt. Alphonsa Kurian (International athlete) Smt. Beena Kannan (Entrepreneur) Smt. Sheeba Ameer (Social Worker) Smt. U. Najeema (Educationalist) Smt. Sreebala K. Menon (Film Director and Writer) were the guests of the day. • Invited Lecture on Women Empowerment by Dr Beate Kowalsky, Prof, New Testament Studies, Institute of Catholic Theology, Faculty of Theology and Human Sciences, Technical University, Dortmund, Germany. An interactive session was also arranged for the students on the need of being empowered • 24 other Gender sensitization programmes were organised
Student Capability Enhancement Programmes	<ul style="list-style-type: none"> • 11 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 • 12 Certificate courses of 30 hours for IV Semester UG students • Competitive Coaching for III Semester UG students
Feedback	<p>College has effective feedback system</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
Academic Quality enhancement	<ul style="list-style-type: none"> • Conducted Academic Audit and evaluated filing of all departments using revised format • Three faculty attended Conference on Role of Higher Educational Institutions in Reinventing Skills for Global Competency organised by Kristu Jayanti College, Bengaluru
Internal Assessment	<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
IQAC Student Interaction	<ul style="list-style-type: none"> • Student chairperson is represented in IQAC meetings and one student is selected as IQAC representative from each department. • Student representatives are involved in all activities of IQAC
Discipline	<ul style="list-style-type: none"> • Committee members of student Grievance Redressal Cell, Disciplinary Action Committee ,Anti Ragging Cell meet termly and as and when necessary to assure maximum student welfare.
Entrepreneurship and welfare	<ul style="list-style-type: none"> • Organised Marian Monsoon Fest- to enhance entrepreneurial ability of students and Fund raising programme for student welfare
Institution of an endowment fund in honour of retiring Principal Sr Dr Chrislin	<ul style="list-style-type: none"> • Constituted an Endowment fund to institute an Award for Women of Merit- <i>Mahitha</i> Award
Constitute Innovation Cell	<ul style="list-style-type: none"> • Innovation Cell was constituted in accordance with the NAAC Peer team recommendation and various innovative activities were undertaken

* 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 the details of the action taken

<ul style="list-style-type: none"> ✦ Apply for new programmes ✦ Improve research culture
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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				
Certificate	12	2	12	12
Others				
UGC Add on	3	-		
Skill enhancement Programmes	11	4	11	11
Total	51	6	36	29
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 various elective papers for UG and PG programmes prescribed by University in its syllabus. Students are offered selection of various open courses offered by 13 different departments.

1.2 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 • History of Human Rights Movement • Intellectual History of the World • Discovery of Early India Agriculture: Knowledge
BA Economics	3	<ul style="list-style-type: none"> • Gender Economics • Health Economics • Economics of Business and Finance
BA English	3	<ul style="list-style-type: none"> • World Classic in Translation • Regional Literature in Translation

		<ul style="list-style-type: none"> • Dalit Literature
B Com (Self Financing)	4	Specialisation <ul style="list-style-type: none"> • Finance • Banking and insurance • Cooperation • Computer Applications
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	Specialisation <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
BSc Botany	3	<ul style="list-style-type: none"> • Genetics and crop improvement • Biotechnology • Nanotechnology and Research Methodology • Advances in flowering plant systematic
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 • Bioethics and Bio safety
BSc Biotechnology (Self Financing)	1	<ul style="list-style-type: none"> • Medical Biotechnology
BCA(Self Financing)	3	<ul style="list-style-type: none"> • Software testing • 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	3	<ul style="list-style-type: none"> • Historical Tourism • Heritage Studies • History of Ideas
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"> • Human Resource Management • E-Commerce • Basic Accounting
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 • Mathematics for Social science
Botany	3	<ul style="list-style-type: none"> • Plant Tissue culture • Bio fertiliser Technology and Organic farming • Horticulture and Nursery Management
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)	1	<ul style="list-style-type: none"> • Food Microbiology and 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, Health and Life skill Education • Health and Fitness Education • Physical Activity Health and Wellness

Post Graduate Programmes - Elective Options

Name of the Department	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

		<ul style="list-style-type: none"> • 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"> • Financial Management • Marketing Management • Foreign Trade
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)	8	<ul style="list-style-type: none"> • Synthetic Organic Chemistry • Natural Products • Polymer Chemistry • Instrumental Methods of Analysis • Computational Chemistry • Material Science • Industrial Catalysis • Bioinorganic and Organometallic Chemistry

MSc Microbiology (Self Financing)	6	<ul style="list-style-type: none"> • Virus and Virus related Diseases • Diagnostic Microbiology • Microbial Taxonomy • Microbial Biotechnology • Genetic Engineering • Bio safety, Bioethics and IPR
MSc Biotechnology (Self Financing)	3	<ul style="list-style-type: none"> • Stem Cell Biology • Industrial Food Biotechnology • Nano Technology
MSc Computer Science (Self Financing)	24	<ul style="list-style-type: none"> • Computer Graphics • Introduction to Soft Computing • Web Technology • Bioinformatics • Computer Optimization Technique • Numerical and Statistical Methods • Pattern Recognition • Wireless and Mobile Networks • Cryptography and Network Security • Advanced Web Technology • Virtualization and Cloud Computing • Data Warehousing and Data Mining • Data Compression • Pervasive Computing • System Security • Molecular Simulation and Modeling • 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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	24
Trimester	
Annual	

* UGC Add on, Skill enhancement Programmes, Certificate Courses – 30 hours duration

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.

As the College is affiliated to University of Calicut, changes suggested by the University are adopted

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
	38	31	7	-	-

2.2 No. of permanent faculty with Ph.D.

22

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
	-	2	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

63

-

1

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	10	83	10
Presented	2	52	-
Resource Persons	-	-	29

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

- Conducted workshops on important topics - Cognitive Behaviour Therapy and Life Skill Development
- Practical Exposure to Observation Method
- Provided Yoga Training for stress management
- PowerPoint presentations by both faculty and students
- ICT enabled teaching using smart boards extended to more departments
- Group discussion and content analysis used to improve learning outcome.
- Visits to Research centres and institutions of academic interest
- Implementation of microanalysis for doing Organic qualitative analysis

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

193

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

External examination is conducted in tune with University regulations. Innovations are adopted in internal assessment.

- ❖ Open book exam initiated in 2014-15 continued
- ❖ Conducted open book examination for students in the library to encourage them to utilize library and enhance subject knowledge as well

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

9	-	-
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2.10 Average percentage of attendance of students

93.45

2.11 Course/Programme wise distribution of pass percentage:

UG Programmes

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Botany	33	8	22	-	-	90
Biotechnology	33	3	29	-	-	96.96
Mathematics	46	9	34	2	0	93.48
Microbiology	34	19	12	-	-	91.18
Chemistry	36	3	27	-	-	83.33
History	50	-	37	6	-	86
Economics	55	3	38	1	-	76.36
BCA	35	3	30	2	-	100
English	19	-	14	4	-	94
Commerce	40	3	33	3	-	97.5

PG Programmes

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Biotechnology	11	-	11	-	-	100
Mathematics	20	1	17	1	-	95
Microbiology	12	1	11	-	-	100
History	16	-	12	4	-	100
Computer Science	9	-	6	-	-	66.67
Economics	4	-	1	3	-	100
Commerce	14	3	10	-	-	92.85
Psychology	5	-	3	2	-	100

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

- Monitors and evaluates the overall student performance throughout the year and suggests necessary action for further development.
- Monitors the teacher performance through annual performance appraisal report submitted by each faculty
- Guides the departments in conducting Student Capability Enhancement Programmes
- Provides support in the conduct of discussions and invited talks and other academic initiatives
- Motivates students and faculty to attend seminars and workshops for quality up gradation
- Evaluates student feedback and take necessary action
- Conducts Entry level Test for all I Semester UG students

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	1
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	4
Faculty exchange programme	-
Staff training conducted by the university	5
Staff training conducted by other institutions	1
Summer / Winter schools, Workshops, etc.	28
Others	-

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

- Research Committee monitors and encourages research activities of the College
- Research Forum functions in the College to promote research culture among students
- Publication of Research Journal- Annuals of Basic And Applied Sciences (ISSN No. 2277-8756)
- 10 research scholars undergoing Research for PhD in Department of Mathematics
- 2 faculty awarded PhD in the academic year
- 7 faculty pursuing research for award of PhD
- Motivational programmes to faculty and students to undertake research and make research publications
- 6 faculty pursuing minor research projects and 8 completed minor projects from UGC
- Initiation of English Research Forum
- CSIR coaching classes based on CSIR syllabus for Life Sciences
- Research experience sharing by faculty
- Encourages paper and poster presentation by students in seminars
- Motivate Student research publication

3.2 Details regarding major projects : Nil

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	8	6	-	2
Outlay in Rs. Lakhs	1.095	1.32	-	10

3.4 Details on research publications

	International	National	Others
Peer Review Journals	27	13	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	2	52	

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects (ongoing+ completed)	1.5 yr	UGC		2,41,498
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(National Seminars)	1 or 2 days	1	4,36,833	3,65,4 4
Total				

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

ii) Without ISBN No. 1

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 Rs 54,100

Rs 60,000
KSCSTE

3.11. No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		6			
Sponsoring agencies		UGC,NSDC,&SSC,MAPS			

3.12 No. of faculty served as experts, chairpersons or resource persons 29

3.13 No. of collaborations International - National 4 Any other 7

3.14 No. of linkages created during this year 12

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	Nil
	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	Dist	College
	1	2	1			

3.18 No. of faculty from the Institution
 Who are Ph. D. Guides
 And students registered under them

3.19 No. of PhD 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 State level
 National level International level

3.24 No. of Awards won in NCC:

University level State level

National level International level

3.25 No. of Extension activities organized

University forum	<input type="checkbox"/>	College forum	<input type="checkbox" value="19"/>
NCC	<input type="checkbox" value="2"/>	NSS	<input type="checkbox" value="4"/>
		Any other	<input type="checkbox" value="Alumnae 3"/>

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

- Organized various programs in the Kolazhy Panchayath as part of adoption of the Panchayath as Child Friendly.
- Conducted various programmes and activities for faculty, parents of sponsored students and the students of St Mary's C.U.P School, Chiyaram as part of St Mary's Square Outreach Sponsorship Project
- Departments of Microbiology and Botany and Alumnae Association organised a Free Eye Camp in collaboration with Vijayasree Eye hospital, Thrissur.
- Visited various poor homes, homes for the Aged and Rehabilitation Centres, SOS Children's Village and interacted with the inmates, organized various programs and provided social and economic support
- The college has introduced "Karunardram". Serving lunch to the people in the streets once a week
- Active participation in cleanliness drives under the initiative of L'Aria Fresca- Clean Campus, Clean City
- *Veetiloru Kariveppu*" programme by distributing seedlings of 'Kariveppu' to the students, faculty and public for promoting organic family farming
- Organised Blind versus Sighted Chess tournament and donated Rs.6000/- for the purchase of chess boards for the blind.
- *Vatsalyam*- Serve the Poor and needy programme of Department of Economics
- Organised Cancer awareness talks, exhibitions and screening tests
- Blood Donation Camps organized by Dept. of Biotechnology and NSS in collaboration with IMA and Thrissur Medical College
- *Santhwana Sparsham* – Organ Donation Awareness Programme of Department of English
- Library Management System in collaboration with the Public Library, Thrissur
- As part of 70th year celebration of the establishment of the College, Women's Meet was organized by the IQAC in which seven noteworthy women who have excelled in different walks of life and more than that who have contributed to the betterment and development of the society were honoured.
- *Aadharaneeyam* was organized to honour the dedicated services of former Managers, Principals and Staff of the College
- Environment Day was celebrated by planting trees in the College ground and open areas in the city. Organised and participated in various programmes and activities on environment protection and conservation within and outside the campus
- *Lakshya* – Community oriented free competitive exam coaching for the weaker sections of society
- Supply of medicinal plants to various schools in Thrissur District
- Extension lectures by Faculty.
- A Sum of Rs.30000/- was handed over to Mathrubhumi, for Chennai flood relief
- NSS volunteers collected a sum of Rs.5000/- for helping the poor students as part of "*Sahapadikku Snehapoorvam*" an initiative of Govt. of Kerala.

- NSS Collected an amount of Rs 6750 and donated to the Pain & Palliative Care unit of Thrissur District hospital
- The NSS units along with the Department of English collected an amount 11000/- for organ donation awareness.
- In connection with International Day of Yoga, NCC cadets and NSS Volunteers participated in the demonstration programme organized by 7 (K) G Bn at Vimala College, Thrissur and CMS school Thrissur
- NSS Volunteers participated in the *Vitusavam* arranged by *Salim Ali Foundation* at *Vellangallur* Panchayath
- NSS Volunteers participated in the cleaning programme at Thrissur Railway station and also attended the talk on “Waste Management”

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	4.86acres	0.10	Mgmt	4.96 acres
Class rooms	70	2	Mgmt	72
Laboratories	13	1(Botany)	Mgmt	14
Seminar Halls	5	-	-	5
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	8	UGC	5
Value of the equipment purchased during the year (Rs. in Lakhs)	-	36.57	UGC	50.04
		0.91	PD Account	
		4.06	Research	
		8.5	Management	
Others	-	-	-	-

4.2 Computerization of administration and library

1. Upgraded software for Academic Fee Collection
2. Implemented Signage Software
3. Oral Language lab software installed in Multipurpose Computer Lab

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	44708		606	416568	45314	
Reference Books	2388		73	338888	2461	
e-Books	107807		Nil		107807	
Journals	57		6	3120	63	
e-Journals	6103		Nil		6103	
Digital Database	Nil				Nil	
CD & Video	770		22		792	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	263	102	All computer except computer lab	46	50	14	27	20
Added	38	30						8
Total	301	132	All computer except computer lab	46	50	14	27	28

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

1. Workshop on Mobile App development using Android Programming to BCA students
2. Workshop on Latex to Research Scholars and MSc. Mathematics students
3. Workshop on Latest Technology in Java to B Voc software development students
4. Workshop on Hidden Magic in 'C', B Voc software development students
5. Workshop on Animation & VFX Technology, B Voc multimedia students
6. Workshop on Database B Voc software development students
7. Certificate Course –Advanced Graphical; Designing
8. Skill Enhancement Courses in MS Office and Graphical Designing

4.6 Amount spent on maintenance in lakhs:

i) ICT	7.88
ii) Campus Infrastructure and facilities	62.53
iii) Equipments	5.04
iv) Others	12.66
Total:	88.11

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 opportunities available.
- Provided awareness to the students on prevention of ragging and other disciplinary issues.
- Information on all aspects of the College is ensured in the College calendar and it provided to all the students
- Interaction with students through IQAC student representatives
- Informing the activities of the college daily through the microphone
- Directed Librarian to provide necessary guidance and support to the students for effective use of library
- Regular updates of the College Website
- Provided awareness to parents through General and Departmental PTA meeting

5.2 Efforts made by the institution for tracking the progression

- Performances of students in the classes are assessed with internal tests.
- 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 is collected from Alumnae .Formal feedback forms are tabulated by the Alumnae Executive Committee. Various changes and new activities and programmes are executed in the colleges on the recommendation and support of the Alumnae
- Informal feedback from alumnae through Personal interaction with alumnae on visits to department and during Alumnae meeting and Interaction through Social media
- Feedbacks from the employers are collected. The data collected on a four point scale points out the areas that the institution needs to strengthen its academic performance and at the same time improve the potential of the youth to become competent to meet the challenges of the modern times

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1482	242	10	

(b) No. of students outside the state

7

(c) No. of international students

-

Men

Women

No	%
-	-

No	%
1734	100

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
833	192	11	495	3	1531	936	215	15	568	4	1734

Demand ratio – Centralised Allotment Process (CAP) by the University

Dropout % - 0.29%

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

- Certificate Programme in Civil Service Foundation Course was organized by career guidance cell in association with iPERT Civil Service Academy.
- 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 conducted two batches of NET Coaching

No. of students beneficiaries

5.5 No. of students qualified in these examinations (including Alumnae)

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

- Two Full time trained counsellor in the Campus provide full time counselling to the students. Parental counselling is also provided when required.
- Career Counselling is provided to the students by the faculty of the Department of Psychology and faculty at Career Guidance Cell from 11.40 to 12.30 pm and from 2.30 to 4 pm on all days
- 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
- Career guidance seminars and talks organised by Career Guidance And Placement Cell and various departments
- Campus placement opportunities by Departments and Career Guidance And Placement Cell

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
15	200	9	31

5.8 Details of gender sensitization programmes

The College ensures women empowerment by developing positive attitude in the students, making them aware of themselves and also ensure holistic development

Date	Programme
01.08.15	Interactive class on Positive Parenting
19.08.15	Invited lecture on Bible and Gender Studies
19.08.15	Invited lecture on Women Empowerment
21.08.15	Class on Life Skills for Adolescence
03.09.15	Interdepartmental fair “Femessionals-2016” was conducted with the aim ‘Earn while you learn’ – Monsoon fest to promote student welfare through entrepreneurship
29.09.15 & 30.09.15	Two day National Seminar ‘Signature of Women In Environment Protection: A History of Abiding Struggles In India’
02.11.15	Breast Cancer Awareness Programme - Invited talk on “Breast Cancer” and Preliminary screening and check up for breast cancer
03.12.15	Meet the Entrepreneur
04.12.15	Quiz Competition on Women Achievers
29.12.15	Talk on “Menstrual Cycle and its Related Problems”
14.01.16	Women’s Meet: Honouring Eminent Women from various fields organised as part of 70 years of Excellence of St. Mary’s College.
14.01.16	Discussion on gender issues in education and women in science
01.02.16	Invited talk “General awareness on Women Cancer”
02.02.16	Free Cancer Detection Camp
03.02.16	Invited talk “Uterine and Ovarian Cancer in Women”

04.02.16	Intercollegiate competitions on “Cancer among Women”
05.02.16	Exhibition on “Cancer among Women: Prevention & Treatment Strategies”
08.02.16	Hair Donation Camp
15.02.16	Discussion on problems faced by women in present society
29.02.16	Talk on ‘Thyroid Related Issues’ by Dr. Seena, Ayurveda Medical Officer, Nenmanikkara, Thrissur
18.02.16	Awareness class to Anganwadi Teachers
19.02.16	Awareness class to Anganwadi Helpers
11.03.16	Wonder Woman Contest
Women Health Nation Health Programme. A health card is provided to all students to monitor menstrual cycle and related problems-	
Financial Literacy Awareness among women - FINK CLUB in linkage with Financial Literacy Centre	
Cook and Book Programme	
Various Departments-Student projects to create gender awareness	

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports:

State/ University level National level International level

Cultural:

State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	267	19,41,835
Financial support from government	283	30,07,867
Financial support from other sources	55	1,48,000
Number of students who received International /National recognition	1 (INSPIRE)	5,00,000

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

College Level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

- ❖ False ceiling on roofs to reduce strength of the heat in the classrooms in the top floor
- ❖ Increased drinking water facility – both hot and cold water
- ❖ More usage of smart classrooms
- ❖ Re-allotment of classrooms on the basis of student strength

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 national integration

6.2 Does the Institution has a management Information System

Yes, Management information system (MIS) is used for the collection and integration of all the academic and administrative aspects. This principle is used in governing work related to admission, fee collection, examination, preparation of salary bills ,financial transactions etc.. 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 being an affiliated College under University of Calicut the curriculum is designed by the Board of Studies of the University. Choice Based Credit Semester System was introduced in both UG and PG programmes. Suggestions and issues regarding the curriculum are informed to the Board of Studies for necessary action. Crucial issues regarding the curriculum are intimated by the Principal to the University. The Departments have also initiated various innovative strategies to enrich the curriculum and impart it in an effective way.

6.3.2 Teaching and Learning

The College has adopted several measures to upgrade the quality of the teaching learning process:

- Remedial / Enabling Programmes
- Peer teaching
- Student Projects
- Bridge Courses/Enrichment Courses
- Assignments and Seminars
- Debates and Discussions
- Seminars/Workshops to improve ICT skills of faculty
- Practical based Learning through industrial visits, Field trips & Site visits
- Micro Scale Analysis

- Walk With Scholar(WWS) and Scholar Support Programme (SSP) New Initiatives in Higher Education ,Govt of Kerala

6.3.3 Examination and Evaluation

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

- Entry level tests to identify the academic needs of students
- Two internal examinations in each semester
- Continuous evaluation through periodic class tests, seminars and assignments
- Parents informed of the performance of the students through progress reports and department level PTA Meeting
- Model Viva Voce and Practical Exams
- Remedial / Enabling Programmes provided to differently abled students and slow learners
- Special sessions for gifted learners
- Special coaching for sports students

6.3.4 Research and Development

- ❖ Research motivational seminars for faculty and students
- ❖ Six Faculty have been pursuing UGC minor research projects and Eight faculty completed minor projects
- ❖ Research leading to PhD carried out in Mathematics Research Centre and Botany Department
- ❖ Publication of Research Journal, Annals of Basic And Applied Sciences
- ❖ Faculty act as guides for inter collegiate/inter disciplinary MSc projects
- ❖ Student paper presentations on diverse themes
- ❖ 7 faculty pursuing research for Ph D

6.3.5 Library, ICT and physical infrastructure / instrumentation

Infrastructure and equipments

The Institution has added 10 cents to its campus area. New additions of the academic year include two Examination Rooms, one Botany Laboratory, one Micro-technique Room, and

One Recording Studio. A Sum of Rs.50.04 lakhs worth of equipment was purchased. Oral Language lab software installed in Multipurpose Computer Lab. Two servers were added.

Library

606 Text Books worth Rs 416568, 73 Reference books worth 338888, 22 CDs and 6 journals were added in the College Library.

6.3.6 Human Resource Management

Effective and efficient human resource management is achieved through a decentralised and participatory administration. Various committees 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 administrative staff. Students' feedback on faculty and faculty self appraisal ensures the provision of the best.

6.3.7 Faculty and Staff Recruitment

The College being an aided one, plans and recruits staff as per the Kerala Government Service norms. The management is vested with the authority to recruit staff in strict adherence to the norms stipulated by the university and the government. Vacancies of Assistant Professors on Contract for Self-financing Programmes and Guest Lecturers are published in the leading dailies and appointment is based on merit and performance in personal interview by the interview Committee with a 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 visits are arranged for first hand experience
- Expert classes by the industry experts
- MOUs with industries/institutions for academic initiatives
- Linkages and Collaborations for national Seminars, Expert classes and practical sessions, Projects, placement and so on

MOUs with industries/institutions

Aitrich Technologies, Thrissur, Jubilee Mission Medical College & Research Centre, Thrissur, Kerala Historical Research Society, Thrissur, M S Swaminathan Research Foundation, Wyanad, Kolazhy Panchayat, Thrissur district, St Mary's Convent U.P. school Chiyayam, Thrissur, Nasscom/ IT-ITES Sector Skills Council NASSCOM

Collaboration/Linkages

iConnut IT Solutions, Thrissur, TCIL – IT, Computer Education & Training, International Journal of Engineering Research and Technology, Kerala Mathematical Association, Financial Literacy Centre, Thrissur, Kerala State Aids Control Society, VMR Coimbatore, Kerala Forest Research Institute, Kerala Police academy, Mumbai International Film Festival,

Kerala State Social Justice Department, Carmel Santhidham , Institute of Counselling Psychology Thrissur, iPERT Civil Service Academy Thrissur

Industrial/Institution Visit

Bank of Baroda, Kerala Forest Research Institute (KFRI), Peechi, SCMS Institute of Bioscience and Biotechnology ,Cochin and Neera plant, Cochin CMFRI, Cochin, Milma Diary, Ramavarmapuram, Jubilee Mission Medical College and Research Centre, Trichur, Banana Research Station (BRS), Kannara, Qburst Technologies, Infopark - Koratty, Start up Village at Kalamassery, Silk Weaving Factory Mysore, Sandal Wood Oil Industry Mysore, Historical archives, Kozhikode, Kerala Institute of Local Administration, John Mathai Centre Library, University of Calicut, Malayala Manorama, Asianet News, Kerala Agriculture University, Thrissur

6.3.9 Admission of Students

Centralized admission process to UG and PG programmes introduced by University of Calicut. 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, Accomodation
Non-teaching	PF, SLI, GPAIS,ESI,GIS Financial support to deserving, Salary in advance, Children's Education Fund, Accomodation
Students	Fee concession, Free books, PTA and other Endowments, Freeships, Financial support and fee instalment facility to poor and deserving. Free or concessional Hostel accommodation

6.5 Total corpus fund generated

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	yes	DD Office AG Office	yes	Private Chartered Accountants
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6.8 Does the University/ Autonomous College declare results within 30 days? N.A

For UG Programmes Yes No

For PG 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

- Organised a free Eye Camp in collaboration with the Departments of Microbiology and Botany together with Vijayasree Eye hospital, Thrissur. The programme was conducted at HRCLPS, Nadathara on 16th October 2015. Expenditure of Rs 20,000 incurred for surgery and treatment was paid by Alumnae Association
- Contributed Rs 27,000 towards Endowments for M Com and M Sc Psychology
- Contributed Rs 59000 towards participation of 3 students in South Asian Power lifting Championship
- Organised Gem of St. Mary's Competition for the outgoing UG and PG students on 08.12.2015
- Women Health Nation Health Programme –Donated Rs 10,000 towards Free Blood Test and Health Cards to students
- Alumnae members participated in the of St Mary's Square Out Reach Sponsorship Project and gave classes on Soil Formation, Soil Erosion and Soil Conservation, Plastic Pollution and Environment issues during the Summer camp in April
- Alumnae Lecture Series on different topics by Alumnae of Department of Economics
- Invited Talk on Waste Management by Smt. Indira Gopinath (Alumnae- 1963-64), an active member of Palliative Care unit on 08-06- 2015
- Cover page designing competition for "Reverie", the annual newsletter of Elder Marians
- Mrs. Santha Rajagopal (Elder Marian-1975-77) renowned hosts of Cookery shows conducted demonstration session on "Corn Soup and Sandwich with dates Spread" for the students on 24-7-2015
- Alumnae along with II DC Botany students visited "*Thanal Pakalveedu*" at Pudukkad and distributed winter seedlings and food on 29-12-15
- Annual Alumnae Reunion and Department level alumnae meeting arranged
- Alumnae contributed Rs 10000 towards Sr Dr Chrislin Endowment Fund

6.12 Activities and support from the Parent – Teacher Association

- ♦ PTA Executive Meeting is held every month to discuss activities of the College.
- ♦ All the departments organized departmental level PTA Meeting

- ♦ A sum of Rs 75,000 was contributed towards the participation of students in the International Power lifting Championship
- ♦ Active participation in the Monsoon fest organized in association with all stakeholders of the College for Student Welfare Fund Collection
- ♦ Contribution of Rs 23,352 through food fest and sale of Christmas cakes towards student welfare fund
- ♦ Contribution of Rs 75,000 towards the Endowment Fund in honour of retiring Principal Dr Jacintha C.C.
- ♦ Contributed Rs 2,00,000 towards renovation of College Office
- ♦ Contributed Rs 1,00,000 towards installation and up gradation of Computer Software.
- ♦ Contribution of Rs 75,000 towards student participation in D Zone Competitions

6.13 Development programmes for support staff

- ◆ Computer Skill Enhancement Workshop
- ◆ Talks, Seminars, Workshops and other Orientation Programmes
- ◆ Felicitation of the support staff by Principal during Christmas Celebration
- ◆ Tailoring classes for support staff

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

- Rainwater harvesting implemented
- Butterfly Corner- To protect the endangered species
- Biogas unit and Vermi compost
- Distribution of medicinal plants and vegetable seedlings to staff and students
- Solar energy for running fans in Hostel and lights in the Campus
- Departments encouraged to use eco-friendly products for seminars and other programmes
- Environment conservation programmes/ initiatives by all the departments
- IQAC initiative to reduce paper wastage by promoting use of both sides of A4 paper for assignments and collection of used ball point pens
- Innovative method of decorating table tops with potted flowering plants instead of plastic flowers and bouquets
- Birds Nest and growing of Aquatic Plants and Fishes
- Terrace Vegetable Cultivation

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.

- Constitution of Innovation Cell
- Entrepreneurship Course in Ornamental fish farming and Butterfly gardening
- Programmes on Monsoon diseases and its prevention sponsored by KSHEC
- Inter collegiate poster making competition, photography, paper presentation and poster presentation on different themes
- *Karunardram* – weekly food packets to the poor and destitute on the streets
- Observation of Child Labour Day, Digital India Week Celebration, Anti Corruption Awareness Week and World Internet Day. Youth Day Observation, Alzheimer’s day celebration
- Management Quiz
- Nature visits and Rural Camp
- Book Exhibition
- English Research Forum
- Implementation of microanalysis for doing Organic qualitative analysis
- Skill Enhancement Programme in Clay Craft and Surface Ornamentation, Legal information, Psychology in Management, Graphic designing
- Certificate Course in Basic Counselling Skills, Stock market in India

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

Action Plan	Action Taken
Organise National Seminars/ Workshops	<ul style="list-style-type: none">• 5 National seminars and 1 National Workshop was conducted by Departments of Chemistry, Economics, History, Computer Science/Applications, Social Work and Vocational Studies
Organise invited Lectures	<ul style="list-style-type: none">• 83 invited Lectures were organized on various topics by eminent resource person• Intercollegiate seminar was organized by Dept of Social Work• IQAC organized Sr Rani George Endowment Lecture on topic the World of Spices, Herbs, Extracts and their Uses
Skill enhancement Programmes	<ul style="list-style-type: none">• 11 interdisciplinary Skill Enhancement Programmes of 30 hour duration for I and II Semester UG students Advanced communicative English, Graphic designing, MS Office, Handicraft making and Cosmetology, Tailoring, Interior Designing Driving, Clay Craft and Surface, Ornamentation, Legal information, Psychology in Management, Basic Numerical Skills

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
Certificate Course	<ul style="list-style-type: none"> • 12 Certificate Course of 30 hours for IV Semester UG students: Learning for Employability and performance, Graphic Designing, Museology, First Step to Accounting, Mushroom Cultivation and Techniques, Good Laboratory Practices, Geomath, Phytochemistry, Stock market in India, Counselling, Food and Nutrition, Adobe Pagemaker
Gender sensitization programmes	<ul style="list-style-type: none"> • To celebrate the 70th year of excellence in tune with its motto of holistic development of young women, IQAC, St Mary's College organised the Women's Meet on 14th January 2016 to honour women of eminence from different spheres. • 26 Gender sensitization/ Women empowerment programmes organized by different departments and Women Cell
Day celebrations	<ul style="list-style-type: none"> • Observation of Independence day, Republic day, Environmental day, Child Labour Day, Digital India Week, Anti Corruption Awareness Week And World Internet Day. Youth Day, Alzheimer's day, Onam and Christmas celebration, Cancer Awareness Week
Internal Assessment	<ul style="list-style-type: none"> • Two internal Assessment Exams conducted for UG and PG each semester. Exam schedule decided by the Internal exam committee in consultation with College Council • Continuous Assessment through class tests, seminars and assignments
Career Guidance and Placement Cell	<p>Apart from 14 Career Guidance activities by the Cell and departments, other activities are</p> <ul style="list-style-type: none"> • Certificate Programme in Civil Service Foundation Course was organized by career guidance cell in association with iPERT Civil Service Academy. 37 Students completed one year course • 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 • Career Counselling is provided to the students by the faculty of the Department of Psychology and faculty at career guidance cell from 11.40 to 12.30 pm and from 2.30 to 3.30 pm • Competitive exam coaching for all III Semester UG students • The Department of Mathematics conducted two NET Coaching classes in the last academic year
Research	<ul style="list-style-type: none"> • 10 Research Scholars undergoing Ph D Research in Department of Mathematics • 2 Faculty awarded Ph D • 7 Faculty pursuing research for award of Ph D • Motivational Programmes to faculty and students to undertake research and make research publication • Six Faculty pursuing minor Research Projects • Initiation of English Research Forum • CSIR Coaching Classes based on CSIR syllabus for Life Sciences

	<ul style="list-style-type: none"> • Research experience sharing by faculty • Paper and Poster Presentation by students in seminars • Student Research Publication • A research journal Annuals of Basic And Applied Sciences (ISSN No. 2277-8756) published every year
Life Guidance, Value education and Ethics	<ul style="list-style-type: none"> • Two day Life Guidance programme for all final year UG and PG students • Value education ,ethics and religious classes on every Fridays • Residential Annual Retreats and Value based programmes for UG and PG students • Value Education Exam for all students conducted by University of Calicut
Clubs, Forums, Cells, Department Associations	<ul style="list-style-type: none"> • 9 Clubs and 4 Forums functions actively in the campus • Club activities are arranged on Ist and IIIrd Mondays of the month • Forums and Department Associations arrange Programmes, Visits, Competitions, and Talks
PTA	<ul style="list-style-type: none"> • PTA Executive Meeting is held every month to discuss activities of the College. • Departmental level PTA Meeting organized • A sum of Rs 75,000 was contributed towards the participation of students in the International Power lifting Championship • Active participation in the Monsoon fest • Contribution of Rs 23,352 through Food Fest towards Student Welfare Fund • Contribution of Rs 75,000 towards the Endowment Fund in honour of retiring Principal Dr Jacintha C.C • Contributed Rs 2,00,000 towards Renovation of College Office • Contributed Rs 1,00,000 towards installation and up gradation of Computer Software. • Contribution of Rs 75,000 towards student participation in D Zone Competitions
Student Welfare	<ul style="list-style-type: none"> • Organised Marian Monsoon fest- Fund raising programme for student welfare • Financial support and free ships in form of fee concessions, free food and accommodation, instalment fee payment facility, free textbooks and so on.
Competitions organised	<ul style="list-style-type: none"> • Inter collegiate poster making competition, photography, paper presentation and poster presentation on different themes • College arts festival is organized • Various departments ,clubs and associations organized variety competitions
Counselling	<ul style="list-style-type: none"> • Two trained counsellors offer trained regular counselling to students • Career Counselling is provided by Career Guidance Cell and Psychology departments • 12 faculty members attended training programme from 1-4 days for learning disorders, NLP training, Cognitive behaviour therapy at Carmel Santhidham , Institute of Counselling Psychology Thrissur,

Social Extension activities	<ul style="list-style-type: none"> • St Mary’s Square Outreach and Sponsorship Project • Adoption of Kolazhy as Child friendly Panchayath • <i>Karunardram</i> – Providing weekly food packets to the poor and destitute on the streets • Free eye camp in collaboration with Vijayasree Eye hospital, Thrissur • A sum of Rs.30000/- was collected for Chennai flood relief and was handed over to Mathrubhumi. • NSS volunteers collected a sum of Rs.5000/- for helping the poor students as part of “<i>Sahapadikku Snehapoorvam</i>” an initiative by Govt. of Kerala. • Active participation in cleanliness drives under the initiative of L’Aria Fresca- Clean Campus, Clean City • Donation of Rs.6000/- for the purchase of chess board for the blind. • Organised Blind versus Sighted Chess tournament • Collected an amount of Rs 6750 and donated to the Pain & Palliative care unit of Thrissur District hospital • Cancer awareness talks, exhibitions and screening tests • Library management system in collaboration with the Public Library, Thrissur • Organised and participated in various programmes and activities on environment protection and conservation within and outside the campus. • Lakshya – Community oriented free competitive exam coaching for the weaker sections of society • Extension talks by faculty • <i>Santhwanam sparsham</i>- Organ Donation Awareness programme • <i>Vatsalyam</i>- Serve the Poor and Needy • Visits to poor homes, homes for aged poor and destitute
Environment oriented activities	<ul style="list-style-type: none"> • As part of eco friendly activity against mosquitoes Dr. Deepa Muricken and a team of 7 students from Departments of Microbiology and Biotechnology developed Herbal Mosquito Repellent. • The Judging Committee for Paristhithi Mitra Award-2016 instituted by Centre for Environmental Education and Rural development, Uzhavoor, Kerala specially appreciated the College for valuable services towards promotion of environmental education, protection and conservation in Kerala in 2015-16. • Organised 12 Seminars /invited lectures. 12 competitions to arouse environmental consciousness, 15 other activities –field trips, exhibitions etc

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Student Capability Enhancement Programme
- Sports Promotion and Empowerment Programme

(Details in Annexure III)

7.4 Contribution to environmental awareness / protection

Special Achievements

- As part of eco friendly activity against mosquitoes, Dr Deepa Muricken and a team of 7 students from Departments of Microbiology and Biotechnology developed **Herbal Mosquito Repellent**. This Project was selected for Yuva Mastermind Competition by Malayala Manorama and awarded second place in the category. The project has been selected for Start Up by Amal Jyothi Engineering College.
- The Judging Committee for Paristhithi Mitra Award-2016 instituted by Centre for Environmental Education and Rural development, Uzhavoor, Kerala specially appreciated the College for valuable services towards promotion of environmental education, protection and conservation in Kerala in 2015-16.

SEMINARS/ INVITED LECTURES/ INVITED TALKS

Programmes	Department	Date
Invited lecture by Dr Julie P Lazar, H.O.D, Department of Economics, St. Mary's College, Thrissur on "Plant Vertilizer - Fish Amino" to promote Organic Farming	Botany	04/06/2015
Invited talk by Dr. Uma Maheswari Thankachi, Epidemiologist, District Medical Office, Thrissur on "Monsoon Diseases: Prevention and Treatment".	Microbiology	05/06/2015
A talk and demonstration on "Waste Management" by Ms Indira Gopinath, Palliative Care member	Botany	08/06/2015
Invited lecture on "Nutrient Deficiencies in Plants" by Dr. P.K. Sushama, Professor & Head, Dept. of Soil Science & Agrl. Chemistry, College of Horticulture, KAU	Botany	10/06/2015
An awareness talk "Against the usage of Plastic Products" was conducted as a part of Swacch Bharat Mission by Dr. Deepa Muricken, Assistant Professor, Dept. of Biochemistry, St. Mary's College, Thrissur.	Biochemistry	15/07/2015
Seminar Session on "Solid Waste Management" by Dr Nirmala Padhmanabhan, H.O.D, Department of Economics, St Tereasa' College, Ernakulam	Economics	16/09/2015
Two day National Seminar on the Topic, "Signature Of Women In Environment Protection: A History Of Abiding Struggles In India".	History	29-30/09/2015

Invited lecture on "Conservation and maintenance of RET plants of Western Ghats." By Dr. P A Jose, Scientist, KFRI, Peechi	Botany	30 /11/2015
Dr. Sr. Rani George Endowment Lecture on "The World of Spices, Herbs, Extracts and their Uses by Fr. Francis Joseph R&D In charge, Holy Grace Academy of Engineering & Management. Mala, Kerala.	IQAC	10/12/2016
In connection with Wetland Day celebration, Invited talk on "Wetlands for future" by Dr. Jain Therattil, Assistant Professor, Dept. of Zoology, St. Aloysius College, Elthurth.	Botany	02/02/2016
Invited Talk on "Wetland Resources of Kerala with particular reference to Mangrooves" by Dr. Vidyasagan Dean, Dept. Of forestry, Vellanikara	Botany	02/02/2016
Invited Talk on "Fish Diversity of Future" by Dr. Swapana Johny, HOD, Dept. Of Zoology, Little Flower College, Guruvayoor	Botany	02/02/2016

COMPETITIONS ORGANISED

Competitions	Department	Date
Puzzle Competition "Eco riddles"	Biotechnology	05/06/2015
Elocution Competition on the topic, " Women and Nature"	English	05/06/2015
Intercollegiate PowerPoint Presentation Competition on Soil Conservation Sponsored by KSCSTE	Zoology	05/06/2015
Poster making competition- 'Dream Green Future.'	Commerce	05/06/2015
A Cartoon Competition on 'Sustainable Living in Digital Era'	Computer Science/ Applications	09/06/2015
Power point presentation, Essay writing, Poster making competition on "Microbial diseases" during Monsoon.	Microbiology	10 /06/2015
Handmade eco-friendly plastic substitutes	Chemistry	16/06/2015
Intercollegiate Online Photography competition: <i>Poora Nagariyile Mazhacharthu</i>	History	25/06/2015
Essay Competition on "Sustainable Method of Waste Management"	Bhoomithra Club	17/06/2015
Interdepartmental Quiz Competition on the topic "Sustainable	Bhoomithra	20/08/2015

Environment Present & Future”	Club	
Intercollegiate Paper Presentation and poster presentation	IQAC	11/12/2015
In connection with World Wetland Day, Intercollegiate Poster Presentation was conducted on the topic “Wetlands For Our Future”.	Botany	02/02/2016

OTHER ACTIVITIES

Programmes	Department	Date
Exhibition on “Soil and its Conservation”	Botany	05/06/ 2015
Planting of trees in Vilangan Kunnu with the association of DTPC (District tourism Promotion Council)	History	05/06/2015
Attended Talk at Vilangankunnu on ‘Conservation of Endangered Animals’ by Dr. E A Jaison, KFRI ,Peechi.	History	05/06/2015
As a part of environment day celebration, “ <i>Veetilorukariveepu</i> -project” was inaugurated by Sri. Balaram MLA by distributing plant sapling to the representatives of the teaching, non-teaching staff and students of St. Mary’s College, Thrissur.	Botany	05/06/2015
Making and Distribution of paper bags	Economics	09/06/2015
An Exhibition to generate awareness on prevention and treatment of Monsoon diseases	Microbiology	12/06/2015
Awareness Class on Monsoon diseases to students of Holy Family Higher Secondary School, Thrissur	Microbiology	15/06/2015
Awareness Class on Monsoon diseases to students of Sacred Heart High School	Microbiology	18/06/2015
With the initiative of Biochemistry department, the students of MSc Biotechnology synthesized Bio plastic by using banana leaf and paper waste and also synthesised the mosquito repellent using bio waste.	Biochemistry	15/07/2015
Organic roof top garden was cultivated by the Department of in order to provide a pesticide free environment.	Biochemistry	15/07/2015
II Sem. PG students visited Chimmini Wild Life Sanctuary	Botany	31/07/2015
III DC students were taken for a one day Nature trip to Wagamon	Botany	12/12/2015

Car Free Day was celebrated at Ramanilayam Road, Thrissur.	Social Work	04/10/2015
In collaboration with Kerala Forest and Wild Life, organized 2 days Nature Education Camp at Vazhachal.	Vocational Studies	1,2/12/2015
In connection with World Wetland Day Celebrations, 1 st D.C students of Botany department were taken to Chettuva-Mangroove forest, sponsored by KSCSTE	Botany	01/02/2016

- As part of Swachh Bharat Mission and L’Aria Fresca initiative of the College, students and faculty actively participated in cleanliness drives in various parts of Thrissur City with emphasis on backward areas and Thrissur Railway station and its premises.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

Strength

- Dedicated faculty having both research and teaching experience.
- Well-equipped lab facility.
- Excellent teaching learning environment.
- Department organizes Soft Skill & Technical Skill development programs for students
- Exposure of PG students to research institutions
- Positive student-teacher relationship
- Excellent team spirit and good working ambience
- Strong support from Principal and Management
- Certificate programmes
- Value education classes
- Effective Coordination between Parents, students and teachers
- Well established RET, Botanical, Herbal and Ornamental gardens
- Remedial and peer teaching
- Availability of Online reference materials through inflibnet
- Community Extension Programmes

Weakness

- Limited funding by Govt for Self Financing Courses
- Virtual lab and virtual classes are not available
- Lack of proper scheduling of admissions and University exams
- Up gradation of departments to research centres not possible as per University norms due to lack of regular PG programmes
- Improve Optimum utilizations of internal resources for competitive examinations
- Collaborations and Linkages with Institutions and Agencies of repute

Opportunity

- Scope for E content development
- Develop online programmes
- More campus placement opportunities
- Motivate the first generation learners for competitive examinations
- SHG- Students Help Group
- Opportunity to develop research culture in students through projects and research institution visits
- Opportunity to interact with the experts of industrial and research field
- Develop linkages with local bodies and entrepreneurs for skill exchange
- Student Entrepreneurship Initiatives

Threats

- Poor communication skills in English
- Students discontinuing in the I semester for joining other professional courses
- Early marriage
- Lack of interest among the youth to pursue the basic science courses

8. Plans of institution for next year

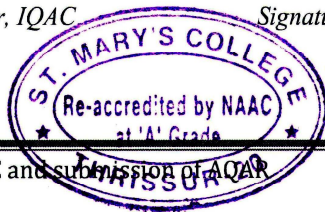
- Construction of new state of art auditorium
- Student Entrepreneurship initiatives
- Digitalisation of College Library
- Finishing School for final year PG and UG students
- Apply for innovative academic projects for community welfare
- New departments spaces
- Conduct International and National Seminars
- Organise Sr Dr Chrislin Award Ceremony
- Introduction of ASAP Foundation Course in Communicative English
- Organise Career Guidance Based Workshops and Seminars
- Apply for new Programmes – MA English, B Com with Finance and BSc Physics
- Regularise B Voc programmes into aided programmes
- Workshop on e content development
- Online Alumnae feedback
- Campus Radio
- Diploma in Computer Application
- Legal Awareness Classes
- Management Fest
- Business Fair cum Expo

Name Dr Julie P. Lozar

Name DR. S. M. Mariette. A. Therathi

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC



PRINCIPAL,
ST. MARY'S COLLEGE
THRISSUR - 20

ANNEXURE I
ACADEMIC CALENDAR 2015-2016

June

- College Reopens
- Intelligence Test for school children
- Inter collegiate Photography Competition
- Environment Day Celebrations
- Orientation to staff and students
- Retreat II DC
- Readers Week Programmes
- St Mary's Square Outreach Sponsorship Project Activities
- Community oriented activities in connection with adoption of Kolazhy as Child Friendly Panchayat
- Orientation on Open Course
- Blood Donation Camp

July

- Career Aptitude Test for final UG students
- 70th year of foundation of the College
- World Population Day Programmes
- Retreat II DC
- St Mary's Square Outreach Sponsorship Project Activities
- First Internal Assessment Exam -III sem and V Sem UG
- Digital Week Celebrations
- Community oriented activities in connection with adoption of Kolazhy as child friendly Panchayat

August

- Independence Day Celebration
- Life guidance programmes
- Orientation to parents of I DC students
- Entry level Test I DC
- Quit India Day Programme
- Remembrance Day of Hiroshima- Nagasaki
- UGC sponsored National Seminar by Dept. of Chemistry
- Study tour & field visit
- Onam Celebrations
- St Mary's square Outreach Sponsorship Project Activities
- National Seminar by Dept of Social Work
- Beginning of Skill Enhancement & UGC Add on Programmes

- Youth Day Programmes
- Community oriented activities in connection with adoption of Kolazhy as Child Friendly Panchayat

September

- UGC sponsored National Seminar by Dept of Economics
- UGC sponsored National Seminar by Dept of History
- National Workshop by Dept of Vocational Studies
- Marian Monsoon fest
- Fresher's day
- Navaa fest
- PTA General Body Meeting
- Study tour
- St Mary's square Outreach Sponsorship Project Activities
- Teachers Day
- Alzheimer's day
- Community oriented activities in connection with adoption of Kolazhy as child friendly panchayat

October

- UGC sponsored National Seminar by Dept of Computer Science
- Study tour
- St Mary's Square Outreach Sponsorship Project Activities
- College Arts Festival
- Medical Camp
- Life guidance programme
- Retreat UG
- First Internal Assessment Exam –I Sem ,
- Second Internal Assessment Exam III Sem and V Sem UG
- Anti Corruption Awareness week
- Community oriented activities in connection with adoption of Kolazhy as child friendly panchayat

November

- Study tour
- Kerala Piravi Celebrations
- Law Day celebrations
- Semester change UG (odd □ even semesters)
- Community oriented activities in connection with adoption of Kolazhy as Child Friendly Panchayat

December

- Sr. Rani George Endowment Lecture and paper presentation competition
- Christmas celebration
- Karunardram Project – Food packets to poor

- Gem of St Mary's Contest
- Beginning of Certificate Programmes
- St Mary's square Outreach sponsorship project Programmes
- Second Internal Assessment Exam for I sem UG students
- Computer Literacy Day
- Release of Research Journal - Annals of Basic and Applied Sciences
- Community oriented activities in connection with adoption of Kolazhy as child friendly panchayat

January

- Principal's Day
- New Year Celebrations
- 70th Year of Foundation – Aadharaneeyam ,Women's Meet, Exhibition on History of St. Mary's

College

- Republic Day Celebrations
- Alumnae Annual Reunion
- First Internal Assessment Exam –II Sem and VI Sem UG
- St Mary's Square Outreach Sponsorship Project Activities
- Community oriented activities in connection with adoption of Kolazhy as Child Friendly Panchayat

February

- National Science Day celebrations
- St Mary's Square Outreach Sponsorship Project Activities
- College Day
- First Internal Assessment Exam IVsem
- Second Internal Assessment Exam VI Sem
- Byteclix 2016

March

- College Social Function
- Send off to final year students
- IQAC General Body
- PTA General Body
- Wonder Woman Contest
- Prathiba Day
- Sports Day
- St Mary's Square Outreach Sponsorship Project Programmes
- Second Internal Assessment Exam IV sem and II Sem UG
- Magazine Release

ANNEXURE II

FEEDBACK ANALYSIS

Feedback is collected from all the stakeholders of the institution during the academic year.

1. Students feedback

- Overall feedback on the institution and courses and facilities 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.
- Feedbacks on each faculty were taken from all the classes. Principal takes the confidential feedback from the students and provides the report to the concerned faculty. Suggestions and recommendations are given by the Principal.
- Feedbacks on Student Capability Enhancement Courses are taken during the end of Skill enhancement and certificate programmes

2. PTA Feedback

Feedbacks from parents are collected from all the II year UG students on the institution, programmes, facilities and so on. The feedback is given confidentially. The heads of the departments consolidates the feedback and necessary actions are taken after informing the Principal. Informal feedback is also collected from parents of all classes through periodical PTA meetings. Feedbacks are analysed at departmental level and College level.

3. Alumnae Feedback

Alumnae are the strength of the college. Formal and informal feedback is collected from them. Feedback forms are tabulated by the alumnae executives committee. Various changes and new activities and programmes are executed in the colleges on the recommendation and support of the Alumnae. Feedback is collected during alumnae meeting and their visit to the campus.

4. Employers Feedback

Feedbacks from the employers are collected occasionally and the college is really proud of the performance of her students in their work fields. Skill enhancement programmes and certificate programmes were introduced on the suggestions of the employers.

ANNEXURE III

Best Practice-I

Title of the Practice

Student Capability Enhancement Programme

Goal

- To improve the employment potential of students through skill development

Context

The need for skill enhancement among the student community is widely discussed over the country. To keep pace with the requirements of the industry, service and academia the College has introduced various programmes for overall development of the students. Various programmes- UGC Add on programmes, skill enhancement programmes, competitive exam coaching and Certificate course are arranged for the students.

Practice

The College has rescheduled and extended its working hours by an hour to provide the students the opportunity to partake in various UGC Add on programmes and Certificate course since 2009. Apart from 9 UGC Add on programmes held since the introduction, the College has presently 11 skill enhancement programmes for I and II Semester UG students, competitive exam coaching and certificate course for III and IV Semester UG students respectively. All the students are expected to join these programmes. The departments offer one interdisciplinary skill enhancement programmes and a value added certificate course for their own students. The course structure is reviewed and decided after discussion with stakeholders and in tune with the requirements of modern times. Evaluation is held after successful completion of 30 hour programme and certificates are provided to the successful students. Entrepreneurship Course in Ornamental fish farming and Butterfly gardening has also been introduced for UG students. Certain programmes are conducted with support of external faculty and also in collaboration with different agencies.

UGC Add On Programmes

Sl. No.	Name of the Programme
1	Communicative English
2	Plant Tissue Culture
3	Yoga and Health Management Science

Skill Enhancement Programme 2015-16

Sl. No.	Name of the Programme	Department
1	Advanced Communicative English	English
2	Graphic Designing	Computer Science
3	MS Office	Computer Science
4	Tailoring Classes	History
5	Handicraft Making and Cosmetology	Economics
6	Interior Designing	Microbiology
7	Driving	Road Safety Club & Chemistry
8	Basic Numerical Skills	Mathematics
9	Clay Craft and Surface Ornamentation	Biotechnology
10	Psychology in Management	Management Studies
11	Legal Information	Social Work

Certificate Courses

Sl. No.	Name of the Course	Department
1	LEAP	Commerce
2	Graphic Designing	Computer Science
3	Museology	History
4	First Step to Accounting	Economics
5	Mushroom Cultivation and Techniques	Microbiology
6	Good Laboratory Practices	Road Safety Club & Chemistry
7	Geomath	Mathematics
8	Phytochemistry	Biotechnology
9	Stock market in India	Management Studies
10	Counselling	Social Work
11	Food and Nutrition	Botany
12	Adobe Page maker	English

Evidence of success

These programmes could reduce the skill gap / employability gap. The College aims to conduct Diploma programmes in Computer Application, Logistics and Skill Development Programme, Additional Skill Acquisition Programme of Kerala State Higher Education Council. Plans are also there to apply for new UGC Add on programmes. The student feedback is an indicator of the success of the programme. The motivation of the students has increased

Problems encountered and resources required

The lack of proper scheduling of University exams poses difficulty in the timely completion of programmes. Separate programmes for I and II Semester UG students could not be conducted due to lags in University admission schedule. Paucity of time restricts field visits and more industry oriented practical sessions

Best Practice-II

Title of the Practice

Sports Promotion and Empowerment Programme

Goal

- To ensure holistic development of sports performers

Context

There are a good number of high level performers in sports in the State but the financial and other factors often inhibits their performance. Hence the College has taken initiative for the upliftment of these students by supporting them with necessary resources, proper training and academic help.

Practice

St. Mary's College is always committed to the students and takes every effort for their progress in curricular, co curricular and extracurricular activities. College takes special initiative towards the upliftment of the students who excel in Sports arena. Since long college has initiated several practices for the holistic development of these students. The college allots seats in Management Quota to National Level performers apart from regular sports quota allotted under university norms to accommodate students in the academic stream preferred by them. Every year around 20 students join the UG and PG programmes. Though the College provides sports hostel facility for Swimmers and Hockey players with financial support from Government, free accommodation and food is provided to all other sports students in the College Hostel. Special diet is ensured to the students for a better stamina. Fee concession is provided to all deserving students. In 2015-16 a sum of Rs 3,09,350 was provided by the College to 3 players to participate in South Asian Powerlifting Championship at Hongkong. Apart from coaches from Sports Authority the College ensures the services of experienced and well trained coaches for providing proper and systematic training to the students. Regular practice sessions are ensured to enable the students perform the best with the support of good quality facilities. The faculty of Physical Education Department is always with the students during the practice sessions and accompanies them during various competitions. Expert medical help is given to the students in case of sickness or injuries in recognized hospitals. Mentoring sessions and counselling are provided to the students with external help to ensure their development and also improve the competitive spirit, reduce stress and to enable them to perform at their best. Every year students are provided with sports kit with essential items.

The faculty of main departments also takes earnest efforts to make the students cope up with academics. Enabling class for slow learners, special classes, lectures and test papers are given to these students to make up the loss in regular class sessions and to help them to be on par with other

students. Extra time and support is provided to these students to submit assignments and present seminars.

Evidence of success

The achievements itself is an indicator of the success of the programme. Over the years the College has produced 17 international sports persons.

Highlights since 2013-14

- College Power lifting team was Champions of Calicut University Inter Collegiate Championship since last 5 years
- College Hockey team was Champions of Calicut University Inter Collegiate Championship since last 4 years
- College Yoga team was Champions of Calicut University Inter Collegiate Championship since last 3 years
- College Swimming team won second position in Calicut University Inter Collegiate Championship since 2012-13
- College Judo team won third position in Calicut University Inter Collegiate Championship since 2013-14
- College Kho Kho team won third position in Calicut University Inter Collegiate Championship since 2013-14
- College Weight lifting team won second position in Calicut University Inter Collegiate Championship since 2012-13
- Sumi George won second place and Anju Murali and Riya TC won Third place in South Asian Powerlifting Championship at Hongkong in 2015
- Students represented Calicut university in the All India Inter University championships and won medals
- Students Represented Kerala in senior and Junior National Championships and won medals
- Five students represented Kerala in the 35th National Games.

Problems encountered and resources required

As the number of students in aided stream is less the amount from PD account for sports activities is less. Despite strong support by Management at times management finds it difficult to meet the required resources.