

## The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

### Part – A

#### 1. Details of the Institution

1.1 Name of the Institution

All Saints' College

1.2 Address Line 1

Chackai

Address Line 2

Beach P.O

City/Town

Thiruvananthapuram

State

Kerala

Pin Code

695007

Institution e-mail address

allsaintscol@sify.com

Contact Nos.

0471-6452484

Name of the Head of the Institution:

Smt. Susan Edel Lopez

Tel. No. with STD Code:

0471-6452472

Mobile:

9495409197

Name of the IQAC Co-ordinator:

Dr. Sr. D'Souza Pascoela A

Mobile:

9446147660

IQAC e-mail address:

allsaintscollegeiqac@gmail.com

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

KLCOGN 10121

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/45/RAR/05 dated 28-03-2008

1.5 Website address:

<http://www.allsaintscollege.in>

Web-link of the AQAR:

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	3 star level	65-70 %	2001	2006
2	2 <sup>nd</sup> Cycle	B	2.81	2008	2013
3	3 <sup>rd</sup> Cycle	-	-	-	-
4	4 <sup>th</sup> Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

27/03/2004

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

2012-13

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 2009-2010 (27/08/2010)
- ii. AQAR 2010-2011 (02/09/2011)
- iii. AQAR 2011-2012 (15/12/2012)

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*)

University of Kerala

### 1.13 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

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2. 6 No. of any other stakeholder and  
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

10

2.11 No. of meetings with various stakeholders:

No.

2

Faculty

10

Non-Teaching Staff Students

10

Alumni

3

Others

3

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 Nos.

1

International

☐

National

☐

State

☐

Institution Level

1

(ii) Themes

Computer Applications in Higher Education

2.14 Significant Activities and contributions made by IQAC

Regular monitoring of Teaching and learning along with research promotion activities

IQAC also procures equipments for research activities

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
To conduct national and international seminars.	Accomplished
To present and publish research work.	”
Prepare college newsletters twice yearly.	Volume 7 and 8

Enrich college library with latest research material and other scholarly works.	Accomplished
Conduct Value –added programmes for the benefit of students.	„
Give impetus to health – related issues to students by renowned medical practitioners.	”
Hold orientations and bridge courses for the new students.	Planned during July-August
Conduct exhibitions on student friendly topics which are likely to promote an interest in current affairs and environment.	Accomplished
Community outreach programs like voluntary blood donation camps, eye donation camps, dental checkups, medical camps, early breast cancer detection camps, etc can be done.	”
Academic performance has to be assessed and routine tests conducted to measure comprehension level of students and ensure better results.	„

*\* Academic Calendar of the year attached as **Annexure I***

2.15 Whether the AQAR was placed in statutory body      Yes ☒      No ☐

Management ☒      Syndicate ☐      Any other body ☐

Provide the details of the action taken

- ✓ ICT enabled teaching implemented in all the departments.
- ✓ Research activities were in full swing along with the other academic pursuits of the staff.
- ✓ Extension activities were done successfully with the help of the various stakeholders.

## 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	3			1
UG	10			2
PG Diploma				
Advanced Diploma				
Diploma				1
Certificate				2
Others				4
<b>Total</b>	14			10

Interdisciplinary				
Innovative				

Level of the Programme	Name of existing Programmes	Name of value added / Career Oriented programmes
PhD	English	
PG	1. M.Com 2. English Language and Literature 3. Environmental Science	1. ASAP
UG	1. BA Communicative English 2. BA English Literature 3. BA History 4. BA Economics 5. B.Com 6. B.Sc. Mathematics	1. IT Mission Programme 2. ASAP

	7. B.Sc. Zoology 8. B.Sc. Physics 9. B.Sc. Chemistry 10. B.Sc. Botany	
PG Diploma		
Advanced Diploma		
Diploma		1. Ornamental Fish culture and aquarium maintenance
Certificate		1. Ornamental Fish culture and aquarium maintenance 2. COPA
Others		1. MS Office and Internet 2. DTP ( English) + Internet 3. DTP ( Malayalam) + Internet 4. Photoshop

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	13
Trimester	
Annual	

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

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

*Analysis report provided as Annexure II*

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

No

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

No



## Criterion – II

### 2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
63	40	19		4

2.2 No. of permanent faculty with Ph.D

25

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
9	7							9	7

2.4 No. of Guest and Visiting faculty and Temp

12

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	11	61	10
Presented	9	30	2
Resource Persons		4	2

### Conference Attended by the Faculty Members

No	Name of the faculty	Level	Venue	Date
1.	Mrs. Margrette Leena V	National	LNCPE, Kariavattom	4 <sup>th</sup> & 5 <sup>th</sup> February 2013
2.	Mrs.Divya S R	National	LNCPE, Kariavattom	4 <sup>th</sup> & 5 <sup>th</sup> February 2013
3.	Mrs. Margrette Leena V	State	Govt.Arts College,Trivandrum	18 <sup>th</sup> & 19 <sup>th</sup> February 2013
4.	Mrs.Divya S R	State	Govt.Arts College,Trivandrum	18 <sup>th</sup> & 19 <sup>th</sup> February 2013
5.	Dr. C Udayakala	National	Govt College, Tripunitura	12 <sup>th</sup> February 2013
6.	Dr. C Udayakala	National	SN College, Kollam	13 <sup>th</sup> February 2013
7.	Mrs. Jiji Vijayan	National	Govt.Womens' College	15 <sup>th</sup> -18 <sup>th</sup> February 2013
8.	Mrs. Jiji Vijayan	National	Govt Guest House, Thycaud	10 <sup>th</sup> December 2012
9.	Mrs. Mary Alice G	National	Govt Guest House, Thycaud	10 <sup>th</sup> December 2012
10.	Prof.Susan Edel Lopez	National	Govt Guest House, Thycaud	10th December 2012
11.	Ms. Lekha Rani M L	National	VJT Hall , Trivandrum	28 <sup>th</sup> November 2012
12.	Mrs. Parvathy Menon	National	VJT Hall , Trivandrum	28 <sup>th</sup> November 2012
13.	Mrs. Parvathy Menon	National	University of Kerala, Thiruvananthapuram	18 <sup>th</sup> -20 <sup>th</sup> March 2013
14.	Ms. Lekha Rani M L	National	Heritage Museum, Trivandrum	7 <sup>th</sup> -8 <sup>th</sup> May 2013
15.	Mrs. Parvathy Menon	National	Heritage Museum, Trivandrum	7 <sup>th</sup> -8 <sup>th</sup> May 2013
16.	Ms. Lekha Rani M L	National	University of Kerala, Thiruvananthapuram	15 <sup>th</sup> -17 <sup>th</sup> February 2013
17.	Ms. Vidya Nair	National	University of Kerala, Thiruvananthapuram	15 <sup>th</sup> -17 <sup>th</sup> February 2013
18.	Mrs. Parvathy Menon	National	University of Kerala, Thiruvananthapuram	15 <sup>th</sup> -17 <sup>th</sup> February 2013
19.	Ms. Lekha Rani M L	National	Rang Mahal Palace, Trivandrum	13 <sup>th</sup> -15 <sup>th</sup> May 2013
20.	Mrs. Parvathy Menon	National	Rang Mahal Palace, Trivandrum	13 <sup>th</sup> -15 <sup>th</sup> May 2013
21.	Ms. Parvathy Menon	National	Kerala Law Academy, Trivandrum	16 <sup>th</sup> & 17 <sup>th</sup> November 2012
22.	Ms. Vijayakumari K	National	VJT Hall TVM	28 <sup>th</sup> Nov ember 2012
23.	Ms. Vidya Nair	National	Kariavattom	15 <sup>th</sup> -17 <sup>th</sup> February 2013
24.	Dr. Mariamma A. T	National	University College, Thiruvananthapuram	18 <sup>th</sup> February 2013.

25.	Dr. Siji V. L	National	M. G. College, Thiruvananthapuram	26-28 November 2012
26.	Dr. Sr. Shaina T J	International	University of Amravathi	28 <sup>th</sup> -30 <sup>th</sup> October 2012
27.	Ms. Sheela Mary Xavier	National	Mar Ivanios College	7 <sup>th</sup> -8 <sup>th</sup> February, 2013
28.	Mrs. Cinthya Christopher	National	Konganadu Arts & Science College, Coimbatore	15 <sup>th</sup> -16 <sup>th</sup> December, 2012.
29.	Dr. Nisha K.K	National	Konganadu Arts & Science College, Coimbatore	15 <sup>th</sup> -16 <sup>th</sup> December, 2012.
30.	Dr. Nisha K K	National	Society for Applied Biotechnology, Thrissur	19 <sup>th</sup> -20 <sup>th</sup> November, 2012
31.	Dr. Sajitha Rajan	National	Society for Applied Biotechnology, Thrissur	19 <sup>th</sup> -20 <sup>th</sup> November, 2012
32.	Mrs. Sheela Mary	State	All Saints' College	25 <sup>th</sup> July 2012
33.	Mrs. Cinthya Christopher	State	All Saints' College	25 <sup>th</sup> July 2012
34.	Dr. Sajitha Rajan S	State	All Saints' College	25 <sup>th</sup> July 2012
35.	Dr. Saji John K	State	University of Kerala, Thiruvananthapuram	7 <sup>th</sup> September 2012.
36.	Dr. Sunita Kurur	State	University of Kerala, Thiruvananthapuram	7 <sup>th</sup> September 2012.
37.	Dr. Sindhu Yeshodharan	National	Techno Park, Trivandrum	29 <sup>th</sup> January – 1 <sup>st</sup> February 2013
38.	Dr. Siji V. L	National	Techno Park, Trivandrum	29 <sup>th</sup> January – 1 <sup>st</sup> February 2013
39.	Dr. Beenakumari K. S	National	Techno Park, Trivandrum	29 <sup>th</sup> January – 1 <sup>st</sup> February 2013
40.	Dr. Siny. G. Benjamin	National	Iqbal College, Peringammala, Thiruvananthapuram	19 <sup>th</sup> -20 <sup>th</sup> September, 2012
41.	Dr. Dhanalekshmy.T.G	National	S.N. College, Kollam	21 <sup>st</sup> -22 <sup>nd</sup> November, 2012
42.	Dr. Dhanalekshmy.T.G	National	S.N. College, Sivagiri	18 <sup>th</sup> -19 <sup>th</sup> January, 2013
43.	Smt. Divya Grace Dilip	National	Techno Park, Trivandrum	29 <sup>th</sup> January- 1 <sup>st</sup> February, 2013
44.	Dr. Siny. G. Benjamin	National	Techno Park, Trivandrum	29 <sup>th</sup> January- 1 <sup>st</sup> February, 2013
45.	Dr. Dhanalekshmy.T.G	National	Mar Ivanios College	7 - 8 February, 2013
46.	Dr. Smitha Asok V	International	SN College Chempazhanthi	7- 8 September

				2012
47.	Smt.Rajani V	International	SN College Chempazhanthi	7 <sup>th</sup> - 8 <sup>th</sup> September 2012
48.	Mrs. Shirley Joseph	National	All Saints' College	25 <sup>th</sup> July, 2012
49.	Mrs. Shirley Joseph	National	Department of Mathematics, Kariavattom	26 <sup>th</sup> and 27 <sup>th</sup> July, 2012
50.	Dr. R.S. Indu	National	Department of Mathematics, Kariavattom	26 <sup>th</sup> and 27 <sup>th</sup> July, 2012
51.	Mrs. Shirley Joseph	National	Hotel South Park, Trivandrum	7 <sup>th</sup> September 2012
52.	Dr. R.S. Indu	National	Hotel South Park, Trivandrum	7 <sup>th</sup> September 2012
53.	Mrs. Shirley Joseph	National	University of Kerala, Kariavattom	13 <sup>th</sup> -14 <sup>th</sup> December 2012.
54.	Dr. R.S. Indu	National	University of Kerala, Kariavattom	13 <sup>th</sup> -14 <sup>th</sup> December 2012.
55.	Mrs. Shirley Joseph	National	KNM Govt. College, Kanjiramkulam	3 <sup>rd</sup> - 4 <sup>th</sup> January, 2013
56.	Dr. R.S. Indu	National	KNM Govt. College, Kanjiramkulam	3 <sup>rd</sup> and 4 <sup>th</sup> January, 2013
57.	Mrs.Vidya T R	State	University College Trivandrum.	7 <sup>th</sup> – 8 <sup>th</sup> February 2013
58.	Mrs. Shirley Joseph	State	University College Trivandrum.	7 <sup>th</sup> – 8 <sup>th</sup> February 2013
59.	Mrs. Shirley Joseph	State	Department of Mathematics, University of Kerala	14 <sup>th</sup> -18 <sup>th</sup> May 2013
60.	Sangeetha	International	School of Management and Legal Studies	23 <sup>th</sup> – 24 <sup>th</sup> March 2013
61.	P.S Anjana	International	Bishop Moore College, Mavelikkara, Kerala	7 <sup>th</sup> -9 <sup>th</sup> August, 2012
62.	Ms. Sonya J. Nair	National	St. Teresa's College, Ernakulam	June 2012
63.	Ms. Sonya J. Nair	National	Hyderabad Central University	September 2012
64.	Ms. Sonya J. Nair	International	Meenakshi College for Women, Chennai	February 2013
65.	Ms. Sonya J. Nair	International	Department of Studies in English, Kannur University	March 2013
66.	Ms. Sonya J. Nair	National	Cochin University of Science and Technology, Cochin	March 2013
67.	Ms. Sonya J. Nair	National	Institute of English, Centre for Cultural Studies and Centre for Australian Studies	March 2013
68.	Ms. Kukku Xavier	National	Hyderabad Central	September 2012

			University	
69.	Ms. Kukku Xavier	International	Meenakshi College for Women, Chennai	February 2013
70.	Ms. Kukku Xavier	International	Department of Studies in English, Kannur University	March 2013
71.	Ms. Kukku Xavier	National	Cochin University of Science and Technology, Cochin)	March 2013
72.	Ms. Kukku Xavier	National	Institute of English, Centre for Cultural Studies and Centre for Australian Studies	March 2013
73.	Ms. Liji Varghese	National	Centre for English Language Teaching, Kerala University	July 2012
74.	Ms. Liji Varghese	National	UGC SAP, Institute of English	September 2012
75.	Ms. Liji Varghese	National	Centre for Canadian Studies, Kerala University	November 2012
76.	Ms. Liji Varghese	International	Meenakshi College for Women, Chennai	February 2013
77.	Ms. Liji Varghese	International	UGC Area Study Centre for Canadian Studies and UGC-SAP	March 2013
78.	Ms. Liji Varghese	National	Centre for Cultural Studies, Institute of English	March 2013
79.	Ms. Raj Sree M S	National	UGC Area Study Centre for Canadian Studies	November 2012
80.	Ms. Raj Sree M S	National	Sree Sankaracharya university of Sanskrit	February 2013
81.	Ms. Raj Sree M S	National	College for Women, Trivandrum	January 2013
82.	Ms. Raj Sree M S	National	University College, Trivandrum	March 2013

### Paper Presentations by the Faculty Members

Sl. No	Name of faculty	Level	Topic	Venue	Date
1.	Ms. Vijayakumari K	National	The Struggle for Right to Life : The Case of Tribal Community in Kerala	VTMNSS, Dhanuvachapuram	25 <sup>th</sup> to 26 <sup>th</sup> March 2013
2.	Ms. Lekha Rani M L	National	Development of coffee plantation in Travancore- A historical perspective	University of Kerala, Thiruvananthapuram	15 <sup>th</sup> -17 <sup>th</sup> February 2013
3.	Ms.Parvathy Menon	National	Empowerment of women through Education in Post Independent Kerala	University of Kerala, Thiruvananthapuram	15 <sup>th</sup> -17 <sup>th</sup> February 2013
4.	Ms.Parvathy Menon	National	Corruption free Public Domain-A Dream too far.	University of Kerala, Thiruvananthapuram	18 <sup>th</sup> -20 <sup>th</sup> March 2013
5.	Ms. Vijayakumari K	National	Reforms of First Communist Ministry of Kerala in the Spectrum of Education – A Reappraisal in South Indian History Congress	University of Kerala, Thiruvananthapuram	15 <sup>th</sup> to 17 <sup>th</sup> February 2013
6.	Ms. Vijayakumari k	National	Quality Higher education: Problems and Prospects	University of Kerala	18 <sup>th</sup> to 20 <sup>th</sup> March 2013
7.	Ms. Vidya Nair	National	Politics of Occupation and Resistance	VTMNSS College, Dhanuvachapuram, Trivandrum	26 <sup>th</sup> March 2013
8.	Dr. Sr. Shaina T J	International	Role of home gardens in the conservation of genetic diversity – a case study of <i>Coccinia grandis</i> (L.) Voigt (Cucurbitaceae)	University of Amravathi	28 <sup>th</sup> – 30 <sup>th</sup> October 2012
9.	Dr. Nisha K. K	National	<i>Agrobacterium tumefaciens</i> mediated transformation of two important Indian varieties of <i>Solanum tuberosum</i> L.	Society for Applied Biotechnology	19 <sup>th</sup> -20 <sup>th</sup> November , 2012
10.	Dr. Nisha K K	State	Enhanced tuber induction in transgenic potato harbouring B33ipt gene	Indian Science Congress Association, Coimbatore	15 <sup>th</sup> -16 <sup>th</sup> December, 2012
11.	Mrs. Cinthya Christopher	State	Physico-chemical and macrofloral analysis on selected ponds in Karikkakom village, Thiruvananthapuram	Indian Science Congress Association, Coimbatore	15 <sup>th</sup> -16 <sup>th</sup> December, 2012
12.	Dr. Sajitha Rajan S	National	Laser induced chlorophyll	Society for	November

			fluorescence spectrum in the liverwort <i>Riccia frostii</i>	Applied Biotechnology, Thrissur	19-20, 2012
13.	Ms. Sonya J. Nair	National	The Politics of Cartoons: India and the Sub-nationalist Discourse	St. Teresa's College, Ernakulam	June 2012
14.	Ms. Sonya J. Nair	National	Whose Cinema?: Politics of the Other Malayalee and New Generation Films in Malayalam	Hyderabad Central University	September 2012
15.	Ms. Sonya J. Nair	International	Transgendering Celebrations: The Politics of Gender Interplay in South Indian Temple Festivals	Meenakshi College for Women, Chennai	February 2013
16.	Ms. Sonya J. Nair	International	Dalit Interlocutions in Cyberspace: The Politics of Nomenclature and Social Function	Department of Studies in English, Kannur University	March 2013
17.	Ms. Sonya J. Nair	National	Performing Gender, Gendering Performance: Temple Festivals of South India	Cochin University of Science and Technology, Cochin	March 2013
18.	Ms. Sonya J. Nair	National	Oz through Telly: The Temptations of Life, Food and Culture Presented through Select Australian Series	Institute of English, Centre for Cultural Studies and Centre for Australian Studies	March 2013
19.	Ms. Kukku Xavier	National	Age Cinema: Innovations and Politics	Hyderabad Central University	September 2012
20.	Ms. Kukku Xavier	International	Cultural Modernities and Subnationalisms: Analysis of Select Novels of Arvind Adiga, Tarun Tejpal and Vikas Swarup	Meenakshi College for Women, Chennai	February 2013
21.	Ms. Kukku Xavier	International	Dalitness in the Cyber Age	Department of Studies in English, Kannur University	March 2013
22.	Ms. Kukku Xavier	National	Cultural Modernity and Subnations: Nationhood in Select Indian Fiction in English	Cochin University of Science and Technology, Cochin)	March 2013
23.	Ms. Kukku Xavier	National	Australian Television and Indian Audience	Institute of English, Centre	March 2013

				for Cultural Studies and Centre for Australian Studies	
24.	Ms. Liji Varghese	National	The Role of Multimedia in Enhancing Learner Participation	Centre for English Language Teaching, Kerala University	July 2012
25.	Ms. Liji Varghese	National	The Visible and Invisible Bonds of Gendered Oppression in South Asian Diaspora	UGC SAP, Institute of English	September 2012
26.	Ms. Liji Varghese	National	Negotiating the Cultural Space in Indo-Canadian Movies	Centre for Canadian Studies, Kerala University	November 2012
27.	Ms. Liji Varghese	International	Amorality, Morality and Immorality in Visual Media	Meenakshi College for Women, Chennai	February 2013
28.	Ms. Liji Varghese	International	Negotiating Identities in Diasporic Mediascapes	UGC Area Study Centre for Canadian Studies and UGC-SAP	March 2013
29.	Ms. Liji Varghese	National	Racism in Australian Ads: a Critical Evaluation of the Socio-Cultural Milieu	Centre for Cultural Studies, Institute of English	March 2013
30.	Ms. Raj Sree M S	National	The Politics of Space and Memory in Fugitive Pieces	UGC Area Study Centre for Canadian Studies	Nov 2012
31.	Ms. Raj Sree M S	National	Theorizing Myth and Metafiction in Carol Shields	Sree Sankaracharya university of Sanskrit	Feb 2013
32.	Ms. Raj Sree M S	National	Representation of an Ecotone in "When the Lost Soil Beckoned: Life Sketch Narrated by C. K. Janu	College for Women, Trivandrum	Jan 2013
33.	Ms. Raj Sree M S	National	Language and the Essential Female Self	University College, Trivandrum	March 2013
34.	Dr. Smitha Asok V	National	Vegetation Class based Floral Biodiversity Estimation in	S. N. College, Chempazhanthy,	7th and 8th



			Shenduruney Wild Life Sanctuary using Remote Sensing and GIS(best Paper Award)	Thiruvananthapuram	September 2012
35.	Dr. C Udayakala	National	Cinema vivarthanathile prathisandhi	Govt College, Tripunitura	12 <sup>th</sup> February 2013
36.	Dr. C Udayakala	National	Sthree swatha vaadam- Sara Joseph inte kadakalil	SN College, Kollam	13 <sup>th</sup> February 2013
37.	Sangeetha	International	NRI's Myth and Reality	School of Management and Legal Studies	23 <sup>rd</sup> -24 <sup>th</sup> March 2013
38.	Dr. S Priya	National	Derivative Market – The Indian Scenario	School of Business Management and Legal Studies	5 <sup>th</sup> Nov 2013
39.	P. S. Anjana	International	Synthesis and Characterization of Barium Bismuth borate glass-ceramic, Int. Conf. on Molecular Spectroscopy	Bishop Moore College, Mavelikkara, Kerala	7-9 <sup>th</sup> August, 2012
40.	Dr. Siny. G. Benjamin	National	Municipal Solid Waste Management and Vermicompost	Iqbal College, Peringammala, Thiruvananthapuram	19 <sup>th</sup> to 20 <sup>th</sup> September , 2012
41.	Dr. Dhanalekshmy.T.G	National	Physico-chemical analysis of various water sources and plankton diversity in an urban area	S.N. College, Kollam	21 <sup>st</sup> to 22 <sup>nd</sup> November , 2012

### Faculty Members served as Resource Persons

1. Dr. Beenakumari K. S. – Conducted a session in State Level Training Programme for Bhoomotrasena members from selected 28 colleges on water quality organized by Jalasree – C. C. D. U., Dept. Of Water Resources in association with Dept. Of Environment and Climate Change at Mar Ivanious College, Thiruvananthapuram on 23<sup>rd</sup> January 2013.
2. Dr. Beenakumari K. S.- Conducted a session in State Level Workshop on Water Quality Monitoring, Rain Water Harvesting & Ground Water Recharging for Engineering Students & Teachers, quality organized by Jalasree – C. C. D. U., Dept. Of Water Resources in association with N.S.S. Technical cell, Dept. Of Technical Education,

Kerala at Mar Baselios College of Engineering & Technology, Thiruvananthapuram during 16-17 January, 2013.

3. Dr. Nisha K K served as Rapporteur in a section in the Regional Science Congress on 'Science for Shaping the Future of India' jointly organized by the Indian Science Congress Association, Coimbatore chapter and Kongunadu Arts and Science College at Coimbatore during 15<sup>th</sup> and 16<sup>th</sup> December 2012
4. Dr. Siny. G. Benjamin was a resource person for International Ozone Celebration held at New B.Ed College, Nellimoodu, Thiruvananthapuram on 27<sup>th</sup> September, 2012.
5. Ms. Vidya Nair, Assistant Professor in Political Science delivered a Talk on E-Governance at the Department of Political Science, University of Kerala, Kariavattom Campus on 7th July 2012.
6. Dr. P. S. Anjana is the Visiting Faculty of Institute for Intensive Research in Basic Sciences (IIRBS), offering MS Programme and Integrated Ph. D. Programme, MG University, Kerala

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

- ✓ Smart Class Room facilities extended to all the departments to make the teaching and learning of core subjects more relevant to the demands of the present day and thereby enhance the curriculum with technology.
- ✓ ICT enabled teaching, Field work based training programmes conducted periodically, Industrial /Factory visits for pollution monitoring and assessment studies are facilitated for the students, Water, Soil and Air Quality analysis lab well equipped, FOSS –GIS based studies for MSc project work, Well equipped microbiology lab for molecular and microbial work.
- ✓ Advance Learners Teach Weak Learners, Seminars on Different Topics conducted by Department, Class taken by Former Students, Professors Invited to Take Classes
- ✓ Seminars, assignments, projects and field visits to research centers help to simulate genuine interest in science and infuse the creativity and scientific temper amongst the students.

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

190

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

Open Book Examination  
Double valuation

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development

9

as member of Board of Study/Faculty/Curriculum Development workshop

**Name of faculty members involved in curriculum restructuring/revision/syllabus development**

Sl.No	Name	Designation		
1.	Smt. Cinthya Christopher	Assistant Professor in Botany	Member of board of studies	Kerala University
2.	Smt. Liji Varghese	Assistant Professor in English	Member of board of studies	Kerala University
3.	Smt. Liji Varghese	Assistant Professor in English	Edited a text book for BA CBCSS	Kerala University
4.	Dr. Sini G Benjamin	Assistant Professor in Zoology	Reedited textbook on Informatics & Bioinformatics	Kerala University
5.	Dr. Aiona Jayadev	Assistant Professor in Environmental Science	Question paper setting	MG University & Cochin University
6.	Dr. Aiona Jayadev	Assistant Professor in Environmental Science	M Phil thesis evaluation	Cochin University
7.	Dr. Reshma J K	Assistant Professor in Environmental Science	Question paper setting	MG University
8.	Dr. Nisha K K	Assistant Professor in Botany	Question paper setting	Kannur University
9.	Dr. Nisha K K	Assistant Professor in Botany	M Phil thesis evaluation	Kerala University

2.10 Average percentage of attendance of students

91%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction % (75% above)	I % (60-74%)	II % (50-59%)	III % (40-49%)	Pass %
BSc. Chemistry	46	19.5	54.3	18	-	73.9
BA English	80	-	26.25	31.25	25	82.5
BA Comm English	40	-	60	25	-	80
BSc. Botany	48	33.33	45.83	4.16	-	83.3
B.Sc.Zoology	40	25	42.5	7.5	-	73.17
BA Economics	68	4	4.4	44	41	93.4
B.Sc Physics	21	4	14	1	-	90.5
B A History	59	-	-	33	20	89.83
B.Com	61	14.75	32.78	44.26	8.19	100
B.Sc Maths	41	37	42	7	-	86
MA English	12	-	75	16.67	8.33	100
MSc Environmental Sciences	13	-	61.53	15.38	-	83.3
M.Com	14	7.14	71.42	14.28	-	92

**University Rank holders**

- ❖ **1st rank**
  - 1) Noumi N ( B.A English)
  - 2) Similal. K (M.Sc Environmental Science)
- ❖ **2<sup>nd</sup> rank**
  - 1) Nayana S ( B.Sc Zoology)
  - 2) Syalima P.R ( B.Sc Zoology)
  - 3) Vivina Shankar ( M.Com )
- ❖ **3<sup>rd</sup> rank**
  - 1) Najeena P M (B.Sc Botany)

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

- ✓ Regular meetings every month to chalk out plans
- ✓ Regular monitoring

- ✓ Departmental visits to assess the progress
- ✓ Seminar for teaching faculty to enhance teaching learning processes
- ✓ Periodic assessment of students' levels of comprehension

### 2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	9
UGC – Faculty Improvement Programme	
HRD programmes	1
Orientation programmes	8
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	3
Summer / Winter schools, Workshops, etc.	5
Others	

#### **Refresher courses**

1. Dr. Saji John K – Attended Refresher Course in Chemistry at Academic staff College from 30<sup>th</sup> January to 20<sup>th</sup> February 2013.
2. Dr. Sunita Kurur - – Attended Refresher Course in Chemistry at Academic staff College from 30<sup>th</sup> January to 20<sup>th</sup> February 2013.
3. Dr. Nisha K K attended UGC sponsored Refresher Course in Life Sciences conducted by UGC ASC, University of Kerala during July 05- 26, 2012
4. Sonya J Nair attended UGC sponsored Refresher Course in English conducted by UGC ASC, University of Kerala during September – October 2012
5. Liji Varghese attended UGC sponsored Refresher Course in English conducted by UGC ASC, University of Kerala during September – October 2012
6. Kukku Xavier attended UGC sponsored Refresher Course in English conducted by UGC ASC, University of Kerala during September – October 2012
7. Dr. Siny. G. Benjamin attended the Refresher course in Life Sciences at Academic Staff College in 5<sup>th</sup> to 26<sup>th</sup> July, 2012.
8. Ms Parvathy Menon participated in the UGC-sponsored Refresher Course on Human Rights conducted by the Academic Staff College, University of Kerala, from 28-05-2013 to 17-06-2013

9. Ms Divya S R participated in the UGC-sponsored Refresher Course on Physical Education conducted by the Academic Staff College, University of Kerala, from 28-05-2013 to 17-06-2013

### **HRD Programme:**

1. Dr. Beenakumari K. S. – Attended a workshop on “ Mindful Life Management” conducted by Holistic and Stress Research Clinic, Dept of Psychiatry, Medical College, Thiruvananthapuram, on 13/01/2013.

### **Orientation programmes**

1. Dr. P. S. Anjana attended the 28 days IT Oriented -Orientation Programme conducted by Academic Staff College, University of Kerala
2. Dr.Sr. Pascoela participated in the UGC sponsored Orientation programme (IT Oriented) conducted by the UGC Academic Staff college, Unvty . Of Kerala from 31/10/2012 to 27/11/2012.
3. Ms. Nishel Elias Prem participated in the UGC sponsored Orientation programme (IT Oriented) conducted by the UGC Academic Staff college, Unvty . Of Kerala from 31/10/2012 to 27/11/2012.
4. Ms Simna Stephen participated in the UGC sponsored Orientation programme (IT Oriented) conducted by the UGC Academic Staff college, Unvty . Of Kerala from 14/06/2012 to 11/07/2012
5. Ms. Rajsree participated in the UGC sponsored Orientation programme (IT Oriented) conducted by the UGC Academic Staff college, Unvty . Of Kerala from 14/06/2012 to 11/07/2012.
6. Mrs. Morrin .C. participated in the UGC sponsored Orientation programme (IT Oriented) conducted by the UGC Academic Staff college, Unvty . Of Kerala from 27/07/2012 to 23/08/2012.
7. Ms. Sapna Gomez participated in the UGC sponsored Orientation programme (IT Oriented) conducted by the UGC Academic Staff college, Unvty . Of Kerala from 27/07/2012 to 23/08/2012.
8. Ms.Divya S.R participated in the UGC sponsored Orientation Course on P.E conducted by the University of Kerala from 28/05/2013- 23/06/2013

### **Workshops**

1. Shirly Joseph attended National workshop on Computer Aided Mathematics conducted by the department of Mathematics, Govt. college ,Kanjiramkulam on 3<sup>rd</sup> and 4<sup>th</sup> January 2013.

2. Vidya T R attended National Workshop on Recent Developments in Statistics with special emphasis on Computational Statistics held on 1-7 March 2013 at dept. Of Statistics, University of Kerala.
3. Ms. Smitha Asok V. attended a training course – Tenth outreach program of Indian Institute of Remote Sensing on “Geoweb Technology and its Applications” from 2<sup>nd</sup> February – 27<sup>th</sup> February, 2013
4. Dr. Ayona Jayadev attended one week training program on Environmental Impact Assessment organized by IIITM-K, Technopark campus from 22<sup>nd</sup> to 27<sup>th</sup> April, 2013
5. Dr. Ayona Jayadev participated in a two day hands-on workshop on “DNA Barcoding and Fingerprinting jointly organized by Department of Botany and Department of Zoology, K.K.T.M. Government College Pullut, Kodungalloor on 7<sup>th</sup> and 8<sup>th</sup> February, 2013.
6. Dr. Ayona Jayadev attended a hands – on workshop on advanced “Molecular Tools and Techniques” from 27<sup>th</sup> to 31<sup>st</sup> May, 2013.
7. Ms. Smitha Asok V. successfully completed National Workshop on A-view on 30<sup>th</sup> March, 2013 conducted by Amritha Viswavidyapeetham, Vallikavu as part of National Mission on Education through ICT (NMEICT) of the MHRD.

#### 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	17	4	Nil	4
Technical Staff	9	1	Nil	1

### Criterion – III

#### 3. Research, Consultancy and Extension

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

- ✓ IQAC took initiative to setup a new research lab in the college.
- ✓ Promote teachers to take up major and minor research projects
- ✓ Library facilities were upgraded to facilitate research work. The library has procured the INFLIBNET service for facilitating research programme.
- ✓ Workshops, conferences and seminars being conducted have motivated the faculty as well as students into better research avenues.
- ✓ The ardent support afforded by the IQAC has paid rich dividend in promoting research activities of the college. Presently there are 4 major projects and 4 minor projects ongoing.

##### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		4		
Outlay in Rs. Lakhs		i. 11 lakhs ii. 9.68 lakhs iii. 7.73 lakhs iv. 12.743 lakhs		

Name	Title of the Project	Sanctioned Amount
Dr. J.K. Reshma	Isolation and characterization of phenol degrading anaerobic bacteria: with special reference to methanogens and sulphate reducers from coconut husk retting	7.73 lakhs
Dr. Ayona Jayadev	Bioprospecting marine microorganisms through culture dependant methods	12.743 lakhs
Dr. Sini G Benjamin	DBT Star College	11 lakhs



Dr. P. S. Anjana (PI) and Dr. Deepa. M (Co-PI)	Synthesis, Characterization, and properties of glass ceramics for low temperature co-fired ceramic applications	9.68 lakhs
--	---	------------

### 3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	4		6
Outlay in Rs. Lakhs	3.9 lakhs	6.9 lakhs		

Name of Project	Funding agency	Outlay Rs In lakhs	Period	Status	Principal Investigator
Schiff Bases as promising agents for metal ion removal	UGC	1.8 lakhs	2 years (2012-2014)	Ongoing	Dr. Saji John K
Crystal growth and characterization of NLO materials and its applications in various disciplines of biological inorganic chemistry	UGC	2 lakhs	2 years 2013-2015	Ongoing	Dr. Siji V. L.
Assessmnet of intraspecific variability of <i>Bacopa monnieri</i> (L.)Pennel, in Kerala	UGC	1.4 lakhs	2010-13	Completed	Cinthya Christopher
'Identification of bioactive allelochemicals from the genus <i>Crotalaria</i> '	UGC	1.6 lakhs		Ongoing	Nisha K K
Impact of Gulf Remittance on the coastal area of Thiruvananthapuram	UGC	0.8 lakhs	2010-13	Completed	Prof.Susan Edel Lopez

Analysis of drinking water and health survey of three selected sites in Thiruvananthapuram District”	UGC	0.6 lakhs	2010-13	Completed	Dr. Dhanalekshmy.T.G
From time bound to power play : The IPL phenomenon	UGC	1.50 lakhs	2012-14 (18 months)	Ongoing	Sonya J Nair
Categorical Theory and its Applications	UGC	1 lakh	2010-13	Completed	Dr. Mary Mettilda Rose V

### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	8	4	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	3	4	

#### Peer Review Journals

1. R S Indu, “Principal Ideal Graphs of Inverse Semigroups”, Universal Journal of Mathematics and Mathematical Sciences, Vol 2(2012) 37-45.
2. R S Indu, “Principal Ideal Graphs of Rectangular Bands”, Mathematical Theory and Modeling, IISTE, USA, Vol.2 No.9 (2012).
3. R S Indu, “Principal Ideal Graphs of Rees Matrix Semigroups”, International Mathematical Forum, Vol.7, No 60(2012), 2953-2960.
4. Synthesis and characterization of nano sized nickel titanate photo catalyst, Beenakumari K. S, Journal of Experimental nano science, Vol.8,203-209, 2013.
5. Removal of iron from water using vanadium oxide modified petroleum coke as adsorbent, International Journal of Chemical Applications, Vol. 2, 2013, pp 16-22.
6. Electrochemical method for the synthesis of NiTiO<sub>3</sub> nanoparticles, Beenakumari K. S, Analytical and Bioanalytical Electrochemistry, Vol.5, 2013, pp 265-269.
7. Electroplating of Nickel on Nickel Titanate Modifies Mild Steel Surface. Journal of Electrochemical Science and Technology. Vol 4. No. 2. 2013, 57-60
8. Justicia adhatoda(vasaka) leaf extract as eco friendly corrosion inhibitor for mild steel in potable water, Beenakumari K. S., Oriental Journal of Chemistry, Vol.29,2013, pp 369-373.

9. Shaina T J. 2012. Morphological variation and evolutionary significance of *Coccinia grandis* (L.) Voigt: an under-exploited cucurbitaceous vegetable crop. *Plant Systematics and Evol.* 293: 653-659
10. P. S. Anjana, N. Gopakumar and S. Sajan, Effect of borosilicate glasses on the microwave dielectric properties of ZnO–Nb<sub>2</sub>O<sub>5</sub>–Ta<sub>2</sub>O<sub>5</sub>, *J. Mater. Sci. Mater. Electron.*, 24[6], 2035-42(2013).
11. B. R. BIJINI, S. PRASSANA, M. DEEPA, C. M. K. NAIR and K. RAJENDRABABU, Crystal structure, spectral, thermal and dielectric studies of a new zinc benzoate single crystal, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 97, 2012, PP 1002-1006
12. BIJINI. B. R., DEEPA. M., C. M. K. NAIR, K. RAJENDRA BABU, Spectral thermal, dielectric studies and crystal structure of novel nonlinear optical diaquabis{salicylato} zinc, *International Journal Of Chem Tech Research*, 4[2], 2012, PP, 739-74

### Conference proceedings

1. Cinthya Christopher. 2012. Physico-chemical and macrofloral analysis on selected ponds in Karikkakom village, Thiruvananthapuram in Proceedings of Regional Science Congress on Science for shaping the future of India organized by Indian Science Congress Association, Coimbatore Chapter
2. Dr. Sajitha Rajan S. 2012. 'Laser induced chlorophyll fluorescence spectrum in the liverwort *Riccia frostii*' in Proceedings of the Second National Symposium on 'Innovative Approaches and Modern Technologies for Crop Productivity, Food Safety and Environmental Sustainability'
3. Nisha K. K. 2012. *Agrobacterium tumefaciens* mediated transformation of two important Indian varieties of *Solanum tuberosum* L. in Proceedings of the National Symposium on Innovative Approaches and Modern technologies for Crop Productivity, Food Safety and Environmental Sustainability
4. Nisha K. K. 2012. Enhanced tuber induction in transgenic potato harbouring B33ipt gene in Proceedings of Regional Science Congress on Science for shaping the future of India organized by Indian Science Congress Association, Coimbatore Chapter
5. Shaina T. J. 2012. Role of home gardens in the conservation of genetic diversity – a case study of *Coccinia grandis* (L.) Voigt (Cucurbitaceae) in Proceedings of International Symposium and XXII annual conference of Indian Association for Angiosperm Taxonomy on innovative prospects in Angiosperm Taxonomy, held at Department of Botany, Sant Gadge Baba Amravathi University, Maharashtra
6. Smitha Asok V. (2012). "Vegetation Class based Floral Biodiversity Estimation in Shenduruney Wild Life Sanctuary using Remote Sensing and GIS". Proceedings of the International Seminar on World Bioheritage Concerns over Climate Change with a special reference to Ethnic Vegetables (Botanica, 2012) on September 7<sup>th</sup> and 8<sup>th</sup> at S. N. College, Chempazhanchy, Thiruvananthapuram, Kerala. p. 74.

7. Rajani V., Saly K. V. and Sajitha Rajan S. (2012). “Antioxidant and Radical Scavenging Potential of *Eichhornia crassipes* and *Lemna minor*”. Proceedings of the International Seminar on World Bioheritage Concerns over Climate Change with a special reference to Ethnic Vegetables (Botanica, 2012) on September 7<sup>th</sup> and 8<sup>th</sup> at S. N. College, Chempazhanthi, Thiruvananthapuram, Kerala. p.115.

### 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 (in lakhs)	Received
Major projects	3	DBT	14	14
	3	UGC	12.743	8.88
	3	UGC	9.68	7.278
	3	UGC	7.73	4.22
Minor Projects	2	UGC	1.8	1.45
	2	UGC	2	1.55
	2	UGC	1.4	1.15
	2	UGC	1.6	1.2
	2	UGC	0.6	0.345
	2	UGC	0.8	0.6
	2	UGC	1	0.8
	2	UGC	1.5	1.175
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)	1	Kerala State Council for Science, Technology and Environment	Rs. 40,000/-	
Any other(Specify)				
Total			54.853	42.648

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

ii) Without ISBN No.

Sl.No	Name of author	Name of Book	ISBN No
1.	Smt. Cinthya Christopher & Dr. Nisha K K	Ortus Planta	
2.	Dr.Siny G Benjamin	Informatics & Bioinformatics	978-93-5087-885-7
3.	Dr.Siny G Benjamin	Informatics	978-93-5087-885-9
4.	Chemistry Dept	Chem Outlook	
5.	Mathematics Dept	Seek	
6.	Malayalam Dept	Thoolika	
7.	Botany Dept	Life that blooms in green	
8.	Newsletters (Bi-yearly)	All Saints' Times	
9.	College Magazine	Waves of Light	

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

Income Tax Consultancy – Rs. 11400/- (200 x 57)

Yoga and Aerobics - Rs. 7500/- (250 x 30)

3.11 No. of conferences organized by the institution

Level	International	National	State	University	College
Number		3	1		
Sponsoring agencies		College KSCSTE CSIR	KSCSTE		

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

10

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

8

3.15 Total budget for research for current year in lakhs :

From Funding agency

11.18

From Management of University/College

Nil

Total

11.18

3.16 No. of patents received this year

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

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	1	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 Fellow  Any other

3.21 No. of students Participated in NSS events:

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  College forum   
NCC  NSS

Any other

- ✓ Bhoomithra Sena club
- ✓ Biodiversity club
- ✓ The Human Rights Forum
- ✓ Health club
- ✓ Nature club
- ✓ Women's study cell
- ✓ Career guidance cell

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

#### ❖ NSS

- 1) 50 NSS volunteers participated in a rally organized by NSS units of All Saints' College, Thiruvananthapuram during the International Day against Drug Abuse and Illicit Trafficking.
- 2) 100 NSS volunteers participated and planted saplings in All Saints' College premises during the inauguration of "Ormamaram" scheme in colleges organized by Kerala University and NSS in commemoration with the Platinum Jubilee celebrations of Kerala University on 29/6/2012. During the occasion Sri. M.P. Anil Kumar, Hon. Minister for Tourism inaugurated the function by planting a sapling in the college premises. Following that 100 saplings were planted by the NSS volunteers in the college premises.
- 3) Voluntary Blood Donation was organized in the college on 5/7/2012. 17 students donated blood.
- 4) 5 NSS volunteers participated in the poster Designing competition organized by the Directorate of Health Services and State Mission Directorate of NRHM, held at All Saints' College, Thiruvananthapuram on 7<sup>th</sup> July 2012.
- 5) Voluntary Blood Donation was organized in the college on 10/8/2012. 36 students donated blood.
- 6) NSS units and History Association of All Saints' College conducted a National Integration Programme on 14<sup>th</sup> and 15<sup>th</sup> of August 2012. All the NSS volunteers participated in the event.
- 7) Two Programme Officers, Principal and 20 NSS volunteers participated in the University NSS award Ceremony on 5/9/2012 at Senate Chamber, University of Kerala.
  - i. Dr. Mary Mettilda Rose, Principal, All Saints' College bagged the award for the Best Programme Officer for the year 2010-2011, during the award ceremony
  - ii. Ms. Chithra and Ms. Suja won the award for the best volunteers during the same function
- 8) A meeting was organised to prepare and organize the 'Celebration of NSS Day' programmes on 24-09-2012.



- 9) Organized the “Celebration of NSS Day” on 27/09/2012. Followed by the inauguration of NSS day by the Principal, Dr. Mary Mettilda Rose, talks were conducted by Dr. Anitha Mohan, Nutritionist, Medical college on Life style and Health and by Dr. Ahamad Pillai, Commissioner for the handicapped, Social welfare Department on problems faced by the handicapped and their human rights. All the NSS volunteers participated in the programme.
- 10) Gandhi Jayanthi Celebrations were conducted in the college on October 2, 2012. The NSS units of the college celebrated the communal harmony and International day on non violence in connection with the Gandhi Jayanthi celebrations. As part of the programme, administering of communal harmony pledge, singing of National Integration songs and a communal harmony rally to the adopted village, Karikkakom was organized. Moreover the volunteers took part in the cleaning drive organized in the college campus.
- 11) A meeting was inaugurated in All Saints’ College by Honorable Minister for Health, Sri. V.S.Sivakumar related to the World Sight Day on 10/10/2012. The meeting was officially organised by the Directorate of Health Services. All the NSS volunteers participated in the function.
- 12) Voluntary Blood Donation was organised in the College on 10/10/2012. 27 students donated blood.
- 13) The Seven Day annual camp was organized with different programmes (Notice attached) from 14/12/2012 to 20/12/2012 at Bala Nagar, Thiruvananthapuram.
- 14) A free medical camp (Community Outreach Programme) was organized in the College campus on 19/1/2013, which was handled by the medical team from Jubilee Memorial Hospital, Palayam. Around 130 local residents took advantage of the same.
- 15) Agricultural Activity-Plantation of vegetable garden on 26/1/2013 at College premises.
- 16) 20 NSS volunteers participated in the beach cleaning campaign at Sanghumukham on 28/1/2013.
- 17) Voluntary Blood Donation was organized in the college on 31/1/2013. 27 students donated blood.
- 18) ASAP campaign vehicle arrived in the college campus on 31/1/2013 and they engaged the final year graduate and PG students by giving orientation regarding the advantages of this particular campus recruitment. The radio jockeys were engaged to do the same.

- 19) An awareness programme was organized in connection with the usage of LPG for household purposes. Mr. Krishnamoorthy from Bharat Petroleum Corporation gave a talk and demonstration regarding the same on 31/1/2013.
- 20) First schedule of ASAP interview was held in the campus on 7/2/2013.
- 21) A free eye check up was organized inside the campus by Vasana Eye care on 22/2/2013. 200 students availed this facility and tested their eyes.
- 22) Voluntary Blood donation was organized in the college on 28/2/2013. 30 students donated blood.
- 23) The II phase of ASAP interview was conducted in the college on 28/2/2013.
- 24) A dental check up was organized in the campus which was lead by Vasana Dental Care on 19/ 3/2013. Nearly 100 students availed the facility and benefited from the same.
- 25) A talk was organized in the college Dr.G.V. Hari, State Open School, Poojappura on issues faced by present day teenagers on 19/3/2013.

#### ❖ **COMMUNITY HEALTH ACTIVITIES**

- 1) Dept of Commerce conducted a programme –“Awareness of Breast Cancer” by Dr Grace Shirely, Radiation Oncologist, Kims Hospital.
- 2) Health and Hygiene programme was conducted at Karikkakom Govt High School.
- 3) A clean-up programme was conducted at Shangumugham Beach.
- 4) An awareness programme on careful usage of LPG at home was organized in collaboration with Bharat Gas.

#### ❖ **NATURE CLUB**

- 1) A vegetable garden with the cooperation and financial support rendered by the Bhoomithra Sena Club
- 2) Students participated in Bird Watching Training Camp
- 3) Club members attended the two Friday Forums organized by the WWF and the Forest Department at Kapad Elephant rehabilitation center, Neyyar Wild Life Sanctuary.

#### ❖ **BHOOMITHRA SENA CLUB**

- 1) The club set up the Vermicompost
- 2) A Tree planting drive was conducted at Kochuveli Railway Station
- 3) An intercollegiate quiz competition was conducted on the theme ‘Nature’

❖ **WOMEN'S STUDIES CELL**

- 1) A talk by Dr Sunitha Krishnan was organized on “Sexual Harassment on Women and Children”
- 2) A Protest march was organized to express solidarity with the victim of Delhi Rape Case.

❖ **CAREER GUIDANCE CELL**

- 1) GNIIT Entrance Test offering scholarships were conducted.
- 2) PeP Biz –a campus recruitment test was conducted by Career Net Consulting ,Banglore.
- 3) Career Guidance Seminars were conducted by Centriq Academy for Training and Mentoring ,Frankfinn Institute of Air Hostess Training, Harikrishnan Associates and TIME Institute.
- 4) Interviews, Mock Tests and group Discussions were organized by SMS Charitable Trust in association with Competition Plus,Magnus Educational and charitable Trust , Orisys India Consultancy Services, IBM Global Process Services
- 5) Care Keralam Ltd conducted an awareness session on Innovative Ideas and Encouragement
- 6) Workshop on IT Industry conducted by the Kerala State Higher Education Council at the Asian School of Business.
- 7) A two hour Discussion Forum was conducted by Cadila pharmaceuticals Ltd
- 8) Students got placed in companies like IBM, Allianz and Cornhills Information Services and RR Donnelly.

❖ **BIODIVERSITY CLUB** - 15 cents of land inside the college was earmarked for establishing Santhisthal – a man made forest eco system in the college for rearing the RET ( Rare ,Endangered and Threatened) species, financially assisted by KSBB.

❖ **SIXTH SENSE QUIZ CLUB**—ten students participated in the written BSNL Quiz. Organised by BSNL in collabation with the Dept of English.

❖ **SCIENCE CLUB** - An exhibition of posters on new developments in science was organized.

❖ **LITERARY CLUB** – The members participated in the WITSMEET conducted by the Dept of English of Womens' college,Tvpm.

❖ **HEALTH CLUB** - A Power Point Presentation ,Group Discussion and Health Survey was conducted on “ Food and Nutrition”

❖ Students of DC III Chemistry served food to the bystanders of the patients in Regional Cancer Center, Thiruvananthapuram.

❖ Mahatmaji Jaivodyanam- A project undertaken by the department under the sponsorship of Kerala State Biodiversity Board. A garden with endemic and common trees of Kerala in 3 cents of land is maintained.

- ❖ Many students are actively included in supporting MAD and they act as teaching volunteers
- ❖ As an Institutional Social activity for the uplift of the minority community students, Dr. D. Sherly, the Co-ordinator for the Add-on-course on “Ornamental Fish culture and Aquarium Maintenance” is continuing successfully the Certificate and Diploma Courses
- ❖ Economics Students taught the weak students of class V & VI of St Mary’s HSS Vettucaud

## 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	36 acres			36 acres
Class rooms	42			42
Laboratories	9			9
Seminar Halls	3			3
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.		2	DBT Star College Fund	2
Value of the equipment purchased during the year (Rs. in Lakhs)		High speed cooling centrifuge Rs. 1,51,910  PCR Machine Rs. 8,30,235	DBT Star College Fund	Rs.8 lacs, Rs. 5,28,223
Others	Auditorium Sports facilities Gymnasium Examination Hall Smart Class rooms	Generators  Smart class rooms		

#### 4.2 Computerization of administration and library

- ✓ Computerization of library is implemented for fast and efficient pre-order checking and reliable serial tracking.
- ✓ Salary of staff members processed through SPARK
- ✓ E-governance
- ✓ Student admissions, exam registration, CE uploading to the University all done online
- ✓ Digitalization of library
- ✓ E-library facilities available
- ✓ E-books browsing facility available

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40840	8228400	264	48390	41104	8276790
Reference Books	10302	5151000	175	46500	10477	5197500
e-Books	300	-	200	-	500	-
Journals	54	38000	2	4000	56	42000
e-Journals	INFLIB NET	5000	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	200	2500	100	1500	300	4000
Others (specify) Periodicals	20		10		30	
Newspapers	7	3900			7	3900

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart ments	Other s
Existing	120	58	2	10	11	7	20	2
Added	12	5	2	2		2	1	
Total	132	63	4	12	11	9	21	2

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

- ✓ Campus departments, library and administrative blocks interconnected through LAN
- ✓ Internet facility with WiFi available in office and all the departments
- ✓ Training Programme organised for teachers in MS.Office, Adobe Photoshop conducted by IQAC (2 days)
- ✓ IT Mission classes conducted for UG and PG students
- ✓ Teachers attend IT oriented Refresher course organised by UGC Academic Staff College
- ✓ College is a centre for Additional skill Acquisition Programme (ASAP) by govt. of Kerala and training is given for students

4.6 Amount spent on maintenance in lakhs :

i) ICT

1

ii) Campus Infrastructure and facilities

2.5

iii) Equipments ( Generator)

1.75

iv) Others

5

**Total :**

10.25

## Criterion – V

### 5. Student Support and Progression

#### 5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- ✓ Orientation course given to students at the start of the academic year
- ✓ Course structure description & details of syllabus given to students each year
- ✓ Bridge courses conducted for first year students
- ✓ Orient students for choosing various extension activities and clubs functioning in the college
- ✓ Encourage students to participate in sports and cultural activities and due training is given for the same
- ✓ Familiarise students about the various open courses and add-on courses offered by the college

#### 5.2 Efforts made by the institution for tracking the progression

- ✓ Internal assessment is done periodically and steps taken to strengthen the academically weak students
- ✓ PTA meetings conducted regularly
- ✓ Remedial classes arranged for slow learners
- ✓ 'Each one teach one' arrangement with the fast learners and slow learners

#### 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1650	26	1	

#### (b) No. of students outside the state

10

#### (c) No. of international students

0

No	%

Men

No	%
1677	100

Women

Last Year						This Year					
General	SC	ST	OB C	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
1338	194	18	211	0	1761	1261	165	5	244	2	1677



Demand ratio: Student admission online done by the University      Dropout % - 1.2%

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

NET Coaching for PG students provided by faculty members of the Departments of English and Commerce

No. of students beneficiaries

74

5.5 No. of students qualified in these examinations

NET

4

SET/SLET

2

GATE

CAT

IAS/IPS etc

State PSC

1

UPSC

Others

5.6 Details of student counselling and career guidance

- ✓ The counsellor visits the college every Tuesday and interacts with students in need
- ✓ Ethical classes arranged for students every month
- ✓ Career guidance seminars conducted for final year students by Career Guidance Cell of the college.
- ✓ Eminent industrialists and companies invited to college to make presentations as well as for placements

No. of students benefitted

367

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
4	105	29	28

IBM	20	13	25
GNIT	40	4	-
ICICI Bank	20	4	0
Career Net Consulting, Bangalore	25	8	3

## 5.8 Details of gender sensitization programmes

- ✓ Seminars and Debates conducted on Gender Issues.
- ✓ A Black Day was observed in protest against the Delhi Rape to express solidarity by organising a Talk followed by a silent candle light procession in the college vicinity.

## 5.9 Students Activities

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

University level  State 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	50	50,000/-
Financial support from government	940	55,74,625/-
Financial support from other sources	50	67,000/-
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

i. Kerala Science Congress

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

Students are in a quandary and find it difficult to reach the campus on time because the railway gates remain closed in the morning. Many students stay back for remedial classes conducted everyday from 3.30 to 4.30 pm and find it an arduous task to leave the campus later as the railway gate is closed by 4.00 pm and remains so till the next morning.

## Criterion – VI

### **6. Governance, Leadership and Management**

#### 6.1 State the Vision and Mission of the institution

Our Vision is to reach out to young women in all sections of society in the spirit of our Foundress to effect intellectual growth, social transformation, empowerment and in doing so, build up the individual, society and the nation.

Our mission is to reach out to all God's children especially girls, women, and the marginalized and we strive to produce intellectually competent , morally upright, socially committed and spiritually inspired persons, to act as leavens in society and create a new world order of love and brotherhood.

#### 6.2 Does the Institution has a management Information System

Yes

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

##### 6.3.1 Curriculum Development

- ✓ The department of English instituted a language lab to enhance the pronunciation skills of the students
- ✓ The PG Departments offer coaching classes for NET (National Eligibility Test) at concessional rates.
- ✓ In every stream, all subjects are interconnected and there is no subject isolation.
- ✓ The focus is on application on everyday life and how to use information to benefit the society.
- ✓ The students' personalities & interests as well as disabilities are taken into consideration.

### 6.3.2 Teaching and Learning

- ✓ ICT enabled teaching
- ✓ Field work based training programmes conducted periodically
- ✓ Industrial /Factory visits for pollution monitoring and assessment studies are facilitated for the students
- ✓ Water, Soil and Air Quality analysis lab well equipped
- ✓ FOSS –GIS based studies for MSc project work
- ✓ Well equipped microbiology lab for molecular and microbial work
- ✓ Students are initiated to take an active role in the teaching- learning process and the teaching faculty acts as facilitators of knowledge.
- ✓ Collaborative learning is encouraged through group work, pair work, group discussion, debate, brain storming etc
- ✓ Documentary DVD's (Movie adaptations of Shakespearian plays, classics etc) compliment the actual classroom learning.
- ✓ Regular field trips and study tours are an integral part of the curriculum
- ✓ Multi-media presentation & smart classrooms have made the learning process an enjoyable & rewarding experience.
- ✓ Teachers have diaries for preparing lesson plans and planning projects in advance.
- ✓ Teachers are encouraged to engage in self review/ make modification to prepare better for the next semester
- ✓ Regular feedback is taken from parents, guardian and students.

### 6.3.3 Examination and Evaluation

- ✓ External examiners for various practical examinations in other colleges-PG and UG
- ✓ Evaluation of Dissertation and conduct of viva-voce -MPhil
- ✓ Members of Board of Examiners under University of Kerala
- ✓ Evaluation of theory and practical papers of PG and UG courses under University of Kerala
- ✓ The continuous and comprehensive evaluation through the semester for all subjects includes various components as detailed below.
  - Assignments
  - Series test
  - Semester exam
- ✓ Students are also periodically evaluated through class discussion, unseen examination, open book examination etc

#### 6.3.4 Research and Development

- ✓ Two Major Research projects submitted, presented before UGC and awaiting sanction
- ✓ Sanctioned one student project from the Kerala State Council for Science, technology and Environment
- ✓ A number of national/ international seminars have been organized by the college. They have been funded by the UGC and have contributed richly to the academic research.
- ✓ There has been substantial contribution to the journals and publications by various departments.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- ✓ Digitalization has been done in the Library.
- ✓ In order to make our students more Tech- Savvy we have instituted 10 smart classes.
- ✓ The construction of a State-of-the-Art Language Lab is in progress to enhance the listening and speaking skills of our students.
- ✓ The construction of the new Administrative Block which incorporates an office, a conference Hall, MSc. Labs, classrooms, P.G Depts and a fully equipped N.S.S Facility.
- ✓ Installation of centralized generators in the entire campus.

#### 6.3.6 Human Resource Management

- ✓ The various clubs of the college have helped in tapping the potential of the students and discovering the leadership qualities of the teachers.
- ✓ The weak students are given remedial classes during the tutorial hours.
- ✓ Various clubs of the college such as the Jesus Youth, AICUF and N.S.S have been delivering exemplary service to the society.

#### 6.3.7 Faculty and Staff recruitment

The staff members were recruited as per the norms laid down by the U.G.C. and the University of Kerala.

#### 6.3.8 Industry Interaction / Collaboration

- ✓ DCIII students visited Travancore Titanium Products Limited, Thiruvananthapuram for Factory visit
- ✓ Students of DC III collaborated with NIIST, Thiruvananthapuram and Drugs Testing Lab, Thiruvananthapuram for work related to their project work
- ✓ Students of DCIII Botany visited Botanical Survey of India, Coimbatore and learned about herbarium techniques as part of their study tour

#### 6.3.9 Admission of Students

Student admission is as per the Single Window System initiated by the University of Kerala. In order to avoid unfair practices students are given the option of selecting three colleges of their preference. Admission is done purely on the basis of merit and students are informed of their selection via the notification on the University website following which the students are requested to attend an interview at the selected institution and admitted into the course of their preference.

#### 6.4 Welfare schemes for

Teaching	The Teachers' staff fund is utilized for the purpose of charity and in contributions for the retired Teachers.
Non teaching	Contributions are being made for the support staff at the significant events in their lives from the Teachers' Staff Fund, OSA, PTA and ASCATA. Lucky Dip competitions are conducted every year by the Non-Teaching Staff and they are supported in their endeavour by the Staff.
Students	Several scholarships such as the Mother. Mary Frances Scholarship , Scholarships by retired teachers, well- wishers and philanthropic Old students have been instituted by the college for the empowerment of the financially weak and deserving students.

#### 6.5 Total corpus fund generated

Rs. 5,00,000/-

#### 6.6 Whether annual financial audit has been done



Yes

☐

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	Principal
Administrative	Yes	AG's office & DD Office, Kollam	Yes	Principal

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?

N.A

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

N.A

6.11 Activities and support from the Alumni Association

- ✓ Prizes instituted for excellence in academics.
- ✓ The All Saints' College Alumni Association (ASCAA )has instituted scholarships for economically challenged students.
- ✓ ASCAA members participate in all activities of the college and plans are made for various activities next year which is the golden Jubilee year of our college



#### 6.12 Activities and support from the Parent – Teacher Association

- Four smart classrooms were provided.
- Provided printers, computers with internet connectivity and wi-fi for the departments.
- Provided LCD Projectors for Recreation Hall and Auditorium.
- Distributed note books to deserving students
- Covered the expenses incurred for printing question papers and score sheets for the internals.
- Finances to up keep the medicinal garden
- Shares the payment of electricity bills and provides payment to Guest Lecturers.
- Has set up a tailoring unit to train students especially the economically weaker students at concessional rates.

#### 6.13 Development programmes for support staff

Staff are given free training in tailoring, kitchen gardening, ornamental fish culture and vermin compost. They are also given training in mushroom farming at the college Green houses. An incentive by way of bonus is also provided.

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

- Mahatmaji Jaivodyanam in 3 cents of land where local & endemic trees of Kerala planted and maintained
- Medicinal garden with around 500 species of medicinal plants maintained
- Encouragement is being given by the Faculties to the students to live a "greener" lifestyle, at home and at college also. Interactive sessions are conducted at available free hours to impart more about the methods for reducing waste and trash, information about product consumption, recycling tips, facts about pollution and global warming and the methods and ways they can implement in their life style to make their home and campus eco-friendly.
- Organic vegetable gardening was done in the campus by the Nature Club members of the Zoology Department during 2012-13 to motivate them to do similar farming at their homes and also to make them know more about the inherent dangers of using chemical fertilisers and pesticides.
- Shanthisthal – A project for green campus funded by The Kerala State Biodiversity Board
- The department of chemistry conducted a workshop on Microscale Experiments in Chemistry on 9/10/2012 with the aim to popularize this technique which adopts procedures where there is less usage and wastage of chemicals and water. This a major step towards reducing environmental pollution and making the campus eco-friendly

## 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.

- ✓ The college is an enthusiastic partner of the Government of Kerala's ASAP or Additional Skill Development Programmes - conducted by the State Skill Development Project under the Higher Education department and trained two batches of students from April to Jan 2013. The programme plans to impart language skills to 3.5 lakh students over a period of 5 years. The college enabled the recruitment of student trainers and the NSS unit was the campaign partner. 90 students of our college qualified to become trainers at the end of the training camp.
- ✓ 15 women from Karikkakom village were given free tailoring classes for a period of 3 months and were provided with free sewing machines at the end of the Training Programme to help them earn an income to sustain their families.
- ✓ Measures taken to make our campus eco- friendly implementing various environmental conservation programs. Campus made plastic free. Medicinal garden maintained with great diversity – Mahatmaji Jaivodyanam maintained by Save Green Club with rare and endemic trees of Kerala- Vermicompost unit maintained by Bhoomitra Sena Club & Vegetable garden maintained by Nature Club.

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

- As a response to the request from the students to get exposure to the World of Job Opportunities, further Studies and pin pointers on how to tackle employment issues; the ***Career Guidance Cell*** of the College has enhanced the employability of our students by conducting a number of talks on higher studies and career options after graduation, personality development by agencies such as **Unilever**, **TIME** and **ICFAI**. It also facilitated recruitment drives for companies such as **ICICI**.
- Remedial courses are arranged for every weak students and Bridge courses are conducted to strengthen the problem solving skills of the students
- The close interaction between the students and tutor during the tutorial hours and the departmental PTA meeting help the tutors to gain confidence of their wards.

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

**1. Each One Teach One Programme**

**a. Goal:-**

To make a direct impact on society through quality education and to sensitise our students to their social responsibilities. For this, nearby villages were selected. (Karikkam and Veli villages fall within the target area.)

**b. Context:**

A class conducted by “Make-A- Difference”(MAD) volunteers provided information about children from underprivileged families and Backward communities who face severe unemployment issues due to their lack of proper communication skills . Our students were selected to tackle this problem at the grassroots level. They were given instructions to teach younger students of the age group (7-12) yrs, the basics of English grammar and Composition, with special attention paid to the development of vocabulary and other Language skills such as Listening, Speaking, Reading and Writing.

**c. Practice:**

The students were taken to St. Mary’s Higher Secondary School, Vettucaud and were introduced to the children there. After assessing the target group’s English skills, our students were provided with Lesson Plans from the College. Thus equipped, our students devised ingenious methods to make the Grammar classes effective and informative for their wards. Progress was slightly marred because the target group needed special attention and so the Bilingual method of instruction was employed. The usage of the regional language helped the target group to assimilate the lessons better.

**d. Evidence of Success:**

The children responded to the lessons with a lot of eagerness and our students conducted routine tests to measure their levels of understanding. From the results collected it was observed that the children had made significant progress and that their knowledge had risen substantially over the duration of the lessons. Our students had set themselves a target of educating as many children (From the given age group) as possible and this was achieved.

**e. Problems Encountered and Resources Required:**

Time Constraint: - One hour a week, every Friday was not ample. Ample time should be provided for the students of our college by the authorities of St. Mary’s H.S.S, Vettucaud in order to make the learning process of the target group more effective.

Lack of Instructors or Student Volunteers: - More student volunteers should be attracted to this scheme in order to make the programme more effective on a large scale.

Financial Resources: - As the college provides the financial Back-Up for the endeavour, such as Travel Allowance and other sundry expenses, the students were not under any constraint to look for Sponsorship for the programme. The entire expenditure of the programme does not exceed more than Rs. 10,000 for three months.

Contact Details:

Name of the Principal: Prof. Susan Edel Lopez.

## **2. Harithanethra**

### **a. Goal:**

To conduct programmes on Gandhism by various agencies and upheld their commitment to the environment through the various programmes on environment conservation and tree planting.

### **b. Context:**

Agricultural College, Vellayani and Agricultural Department, Kadakampally in association with the NSS wing of All Saints' College conducted events to encourage students to plant trees and to conserve the environment. Departments of Environmental Science and Botany are actively involved in various environment conservation programmes

### **c. Practice:**

Bhoomitra sena club was established in the college to organize various environmental related activities. Save Green club, Nature club, and Eco Club are also functioning in the college under the guidance of the departments of Botany, Zoology and Environmental Science. New tree saplings and other plants are being introduced into the college campus every year

### **d. Evidence of Success:**

Mahatmajai Jaivodhyanam was established in the college where local and endemic tree saplings were planted and maintained. Vegetable garden created and maintained by Nature club. Medicinal garden maintained. Tree register of campus maintained by the department of Botany

### **e. Problems Encountered and Resources Required:**

The campus being in the coastal belt with sandy soil, extra efforts have to be put for the establishment of varied flora.

Contact Details:

Name of the Principal: Prof. Susan Edel Lopez.

#### 7.4 Contribution to environmental awareness / protection

Biodiversity conservation through Mahatmaji Jaivodyanam  
Maintenance of medicinal garden  
Green house construction and maintenance of endemic and rare plants  
Environmental Conservation activities are regularly carried out by the PG Department of Environmental Sciences and the following clubs are functioning in the Department

**Bhoomithra Sena Club**- Supported by the Department of Environment and Climate Change of the Government of Kerala. Financial support received to the tune of Rs. 20,000/- per year with an objective of initiating awareness among the student community about the importance of protecting our resources and management of existing environment. This gives an excellent platform for the students to explore various new initiatives related to the protection of our environment. Various activities under our BMC includes:

1. Participation of members in various environment related seminars
2. Participation in different competitions
3. Printing and distribution of pamphlets on themes related to environment and its management
4. Checking the quality of drinking water
5. Pollution status assessment of various environments
6. Visits to environmentally important sites
7. Factory and laboratory visits where several industrial processes are carried out to understand the impact of these activities on environment
8. Observance of Environmentally important days such as Ozone Day, World Water Day etc.

**Biodiversity Club** – Supported by the Kerala State Biodiversity Board sanctioned an initial

7.5 Whether environmental audit was conducted?



Yes



No

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

8. Plans of institution for next year

1. Conduct International and National seminars, conferences and workshops to boost research activities
2. Conduct various intercollegiate and collegiate competitions like Literary quiz, Poster making competition,

3. Apply for major and minor research projects under University Grants Commission, Department of Science and Technology (DST), Kerala State Council for Science, Technology and Environment and other relevant funding agencies
4. Publication of research papers by faculty members to various peer reviewed National and International journals.
5. Invited talks to be conducted by eminent scientists, writers and academicians
6. Conduct industrial visits, study tours, nature camps and field visits for students
7. Environment conservation programmes like construction of a biodiversity rich protected areas like Shanthisthal consisting of RET (Rare, Endangered and Threatened) species, Nakshatra garden with plants belonging to 27 constellations, maintenance of Mahatmaji Jaivodhyanam with local trees of Kerala and medicinal garden with various herbal plants etc.
8. Construction of an organic farm in the college premises managed by the “Bhoomithrasena club”
9. Setting up of a weather station with equipments like barometer, thermometer, anemometer etc. to check the weather status of our surroundings
10. Film shows and documentaries on current issues to be conducted in the college campus
11. Blood donation camps and medical camps to be conducted
12. An awareness programme is planned on the role of cleanliness in the prevention of diseases.
13. Social awareness programmes like Beach cleaning programme, An anti-plastic rally etc. will be conducted
14. Publication of College magazine, College Newsletters, Departmental magazines etc.
15. Extension activities like Medical Camps, Eye donation awareness Camps and Dental Checkups in and off the campus, Awareness programmes related to early breast cancer detection
16. Journal club for students for presenting and discussing various scientific papers by students
17. Exhibitions to be conducted by various departments
18. Arts and sports fest for students

19. Zoomba dance for the students will be conducted for encouraging them to exercise by making working out a fun activity.
20. The theatre club will hold programs to help students understand acting, direction, script writing, etc.
21. Women's cell plans invited talk and lectures for the upliftment and empowerment of women.
22. Community Outreach Programmes such as distribution of vegetable saplings to Kudumbasree units of Karikkakom (our adopted village) in collaboration with Kerala State Agricultural Department, free training in sewing for women from Karikkakom, Education kit to children studying in the 5 anganwadis in Karikkakom Village, construction of an house for an old aged couple in Bala Nagar colony etc. are being planned
23. Socio economic and health survey will be done in nearby areas, main aim being the identification and source correction methods for the pollutant inflow from the nearby Titanium industry. Proposal regarding the suggestive correction measures will be handed over to the concerned authorities
24. Water recharge pits will be constructed during summer in order to recharge the ground water. Steps will be taken to maintain and renovate the existing rain water harvesting unit in the college campus

*Name: Dr. Sr. Pascoela A. D'Souza*

*Name: Smt. Susan Edel Lopez*

*Signature of the Coordinator, IQAC*

*Signature of the Chairperson, IQAC*

\*\*\*