

**ST. PIUS X COLLEGE,  
RAJAPURAM**  
(Affiliated to Kannur University)

**REACCREDITATION  
REPORT**

*Submitted to*

**NAAC**

**National Assessment and Accreditation Council,  
Bangalore**

**July 2013**

**P.O. Rajapuram,  
Kasaragod District, Pin-671532.  
Kerala, India.**

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The emblem of the college, envisages the mission and vision of the college. St. Pius X College Rajapuram has been established as a beacon in the new settlement. As the background of the emblem consists of wheel, bullocks, hills and coconuts, the theme of exodus from central Travancore to northern Malabar and dreams of new pastures are richly suggested. The coconut and the hills stand as visual images of the message that “we are born for greater things”. The wheel has been made the dominant image, to have its symbolic meanings of eternal change and the perennial pursuit of humanity towards perfection.

In this transient world, let knowledge and wisdom be the permanent stepping-stones; the lighted lamp and the open book stand for the college and its mission to be a source of eternal inspiration. The motto, ‘for God and for people’ becomes the watchword in this onward march; the destination is peace, as the dove symbolizes; let divine peace enable the students to be dedicated to God and to people as instruments of peace and harmony in a world of chaos and commotion.

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## **PREFACE**

The college is named in the loving memory of its Heavenly Patron Pope, St. Pius X who made the Knanaya community as a separate Diocese of Kottayam in the year 1911. This college was a realization of a long cherished dream of a great visionary, learned scholar, philosopher, teacher and orator, Rt. Rev Dr. Kuriakose Kunnassery, Bishop of Kottayam. Acquisition of land for the college was over in the year 1980. St. Pius X College owns 25 acres of land which was bought by the generous contributions of the poor people of Rajapuram Colony, despite difficult times. A sincere priest with high leadership qualities and farsightedness, Rev. Fr. Dr. Stephen Jayaraj OFM (Cap.), then Vicar General of Malabar region channelized the required finance for the construction of the college. Once an abandoned and unknown backward area came to the limelight and became a nodal centre of growth with the establishment of this college. The foundation stone of the college building was laid on 14th January 1987 and blessed on 18th June 1990 by Arch bishop Rt. Rev. Dr. Kuriakose Kunnassery.

For four years, from 1990 to 1994 the college functioned as an unaided college under the principalship of Rev. Fr. Jacob Kuruppinakath, who was succeeded by Rev. Sr. Savio. It was because of the untiring efforts of Rev. Fr. Dr Stephen Jayaraj, the college got the status of Government aided college in 1995. This was achieved with the timely help of Sri. K. M. Mani, the Revenue minister and Sri. Oomman Chandy, then finance minister and present Chief Minister of Kerala State respectively. The college was inaugurated on 14th August 1995 by Sri. K.M. Mani.

Initially the college started with three job oriented courses namely B.Sc Microbiology, B.Sc Physics and B.A Economics. Prof Joseph George Kanattu, an able academician took charge as the first Principal who was succeeded by Prof. K.J.Cyriac, Prof. V.K. Thomas, Rev. Fr. Dr. Jose Poothrukayil and Dr. C.K. Luckose. Fuelled by the desire to provide the common people of this migrated region an avenue for pursuing higher education, the management got sanction from the Government to start two more degree courses namely BBS and B.Sc Computer Science. In 2005 Government sanctioned M.A. Development Economics in the self financing stream.

Under the magnificent guidance of His Grace Mar Mathew Moolakkatt, Arch Bishop of Kottayam Diocese and His Excellency Mar Joseph Pandarasseril, Auxiliary Bishop of Kottayam, the college is making rapid progress towards overall development of the region. The college, in its quest for excellence has always strived to keep pace with the changing global educational scenario. To develop global competencies of the students, the institution offers special coaching in competitive examinations, computer literacy program and career oriented add-on courses. To inculcate a value system among students, value education programmes and social service programmes are conducted. It has contributed to the cause of national development by giving quality education to the children of the migrant minority community, SC/ST/OEC etc settled in the educationally and economically backward hilly areas of Malabar region. The institution from its very inception was conscious of the need for promoting excellence in higher education and dissemination of human values.

**Part II: Evaluative Report**  
**Executive Summary**

St. Pius X College is recognized as premiere institute of learning, which can be seen through the manner in which people flock to seek admission to the college and has been started with the pious intention of providing high quality higher education to the common people of a backward region. Kasaragod can be regarded as the most backward district of Kerala State. Rajapuram, which is a rural area of this district, is educationally, socially and economically backward. The people of this area have to travel more than 50 km south to reach nearby NAS College, Padannakadd or 75 km north to reach Government College, Kasaragod.

It was beyond the imagination of the common man to send their children to these far away colleges. The lack of transportation facilities and the absence of finance were the major obstacles to the higher education dreams of the people of this area.

However with the starting of St. Pius X College in 1995 with specialized courses, the long cherished dream of the people has become a reality. Children of farmers and the tribals got opportunities for higher studies, which enabled them to get employment and thereby improve their economic condition, besides generating social and cultural reformation. Thus the institution has been making a lasting impression on the society.

In 1995 when the college commenced with three degree courses (B.Sc. Microbiology, Physics and B.A Development Economics), affiliated to the University of Calicut, there were only 78 students and 10 faculty members. Later on in 1997 when Kannur University was established, the affiliation was changed to this University.

The college has started two more degree courses BBS and B.Sc. Computer Science in 1999 and 2001 respectively. In 2005, the college has started Post graduate course in Development Economics in the self financing stream. During the last four years, institution successfully converted two courses sanctioned on conditional basis, into aided courses (B.Sc Computer Science and BBA). We also have UGC sponsored add-on courses on Tourism Management, Insurance and Human Rights Education. Also conduct two self financing Add-on courses in Electrical and Electronic Equipment Maintenance, IT -CCIWT and CCAPP. The college is also having a career and counselling centre financed by UGC besides the short term course on positive discrimination intended to empower SC and ST students of this college. With the intention of developing hard and soft skills of the students and improving their employability, integrated personality and holistic development, institution introduced these courses/ programmes. The introduction of other new programmes is strictly curtailed by the existing government fiscal policy. Thus the college now offers five degree courses and one postgraduate course. Institution adopts Choice Based Credit Semester System from 2009 admission onwards which relatively offers more flexibility compared to the year wise

system previously existed. Interdisciplinary approach at the UG level is ensured by the university through the introduction of open course system in order to provide sufficient academic flexibility. All courses offered in the college follow the modular form. Along with conventional lecture method with white board and marker, we also widely use ICT enabled approach for effective implementation of the curriculum. For instance, every department is equipped with computers (laptops and desktops), LCD projectors and SMART boards which are regularly used for effective communication. After the previous accreditation, college implemented the CCSS system which included ICT and courses with environmental education. The institution has a dynamic research committee which takes special initiative to instil research aptitude in its components.

At present the college has a faculty strength of 33, which includes 27 permanent and 6 guest faculties. Four teachers have availed FDP under XI plan and two of them have successfully completed their Ph.D programme and resumed duty. Another two part time research scholars were awarded Ph.D during this period. One of our faculty members has successfully completed Post Doctoral Fellowship from Keele University U.K. Another faculty was selected to the State Poverty Alleviation mission, as Kudumbashree district coordinator, Kozhikode. Dr. George Mammen Associate Professor of Hindi received 'National Vocational Excellence award in teaching, Research, Publication and Promotion of Hindi' by Sree Lakshmi Institute of Women and Rural Development, Dharwad (Karnataka state) in 2010. Many of our teachers were awarded national and state level fellowships such as UGC'S major and minor research fellowships, FDP, Senior National Culture Fellowship and so on. There are some ongoing projects including one major and six minor projects at present. During the last five years eight minor projects and one major project have also been completed.

The institution tries to promote the overall development of the community through institution –neighbourhood –network, strengthened by using the services of staff and students. In order to ensure the upliftment of the students to the standard of good citizenship and holistic personality, each major department conducts minimum one extension activity every year. Under 'Adoption of a village scheme' one ST-Marati colony, Parakayam was selected and various outreach programmes are undertaken. Now the student strength of the college is raised to 560. To support the administrative and academic activities, we have 15 non-teaching staff. We provide hostel facility for the girl students. All Science departments have well equipped laboratories with adequate safety measures. The college also provides necessary facilities like digital library, Internet, Audio Visual Club, Language lab etc to enhance the quality of teaching, learning process. INFLIBNET facility is available since 2009. The facility of INFLIBNET enables every teacher to make use of open educational resources at any time. Various articles from research journals extend an extra edge to enrich the knowledge level of teachers. The library

follows the 'Brownie Charging and Discharging' system through barcode scanner for retrieval and transaction. It has a separate website (<http://www.stpiuslibrary.yolasite.com>). The achievement of academic excellence is evident from the long list of rank holders in University examinations every year. We have a UGC aided minority coaching centre. Coaching for entry in services like PSC, UPSC, Nationalized banks etc are conducted through this centre for our students as well as local youth. The centre also organizes remedial classes for the students who are weak in their studies.

In addition to the academic objectives, complete personality development is accomplished for each and every student through various co-curricular and extracurricular activities. The activities of various forums like Fine arts club, Nature Club, ED Club, Value Club, Planning forum, Eco Informatics Club, Quiz Club, Tourism Club, Forestry Club & B Club contributed significantly to this goal. The NSS and College Students Union provide sufficient opportunities to bloom the leadership qualities of the students. The Best NSS UNIT in the Kannur University and various other prizes achieved by our students in the university fine arts festival and sports and games can be considered as an index of these achievements. It was a period of several laurels for the NCC unit of the college. From 2011- 12 onwards medical insurance is provided to the selected BPL students as well as to teachers and their families as per the St. Pius Medi claim programme.

The following are the major infrastructural facilities available in the college for example, new auditorium, six play grounds, renovated canteen, PG block, car shed, 12500 books, 30 journals and introduction of Brownie Charging and Discharging system in the library and a total number of 109 computers. Ten broad band connectivity, each department is equipped with internet, LCD projector and smart boards.

The Vision of the institution is to become "a centre of excellence affordable to common man". The College Council headed by the Principal steers the functioning of the college. It frequently reviews our goals and objectives based on our mission statements, to realize our vision. The College Governing Body headed by the Manager monitors the activities of the college through reports submitted by the principal. The College Development Committee, the Internal Quality Assurance Cell (IQAC), PTA and Alumni Association act as driving forces in the institution's quest for excellence.

To sum up, the college reaffirms its commitment to quality education and its dream to face the challenges in the higher education by taking into cognizance the core values identified by the NAAC. The college will strive to grow further with more autonomy and freedom without compromising our commitment to quality education.



**SWOC of the Institution**

<p><b>Strengths</b></p> <ul style="list-style-type: none"> <li>• Top Performing Departments</li> <li>• ICT Enabled Teaching and Learning</li> <li>• Smart Classrooms</li> <li>• Updated Library with website</li> <li>• Introduction of Brownie Charging and Discharging system in the library</li> <li>• A large number of strong and widely respected and recognized outreach programs that demonstrate a strong commitment to the community and community service</li> <li>• well equipped Language Lab</li> <li>• The department is recognized as a leader in the programs it delivers</li> <li>• students are committed to their studies and passionate about their future professions</li> <li>• Promoting SC/ST/OEC/Minority Candidates in Admission</li> <li>• Gender Equity in College Administration</li> <li>• Multiple students scholarships and awards are available to support Students</li> <li>• Faculty are highly involved in their professional organizations</li> <li>• INFLIBNET facility is available</li> </ul>	<p><b>Weaknesses</b></p> <ul style="list-style-type: none"> <li>• Geographical Isolation makes resource mobilization inadequate</li> <li>• Idle time cannot be utilized for co-/extra-curricular activities due to CCSS</li> <li>• Insufficient tie-ups between Industry and Institutions</li> <li>• Inadequate number of UG &amp; PG Course and Research Departments in spite of Resourceful Faculty</li> </ul>
<p><b>Opportunities</b></p> <ul style="list-style-type: none"> <li>• Opportunity to serve the marginalized (SC/ST/OEC/Minorities)</li> <li>• Extending the Resources and Facilities to the Public/Neighbouring Communities</li> <li>• Consultancy and Extension Services by Faculty</li> </ul>	<p><b>Threats/challenges</b></p> <ul style="list-style-type: none"> <li>• Poor Socio-economic and Educational Background of Students</li> <li>• Drop out of High Performing Students due to late Admissions to Professional Courses</li> <li>• Stressful Domestic Environment hinders steady overall development of student</li> </ul>

**B. Profile of the Affiliated /Constituent College**

1. Name and address of the college:

Name : <b>St. PIUS X COLLEGE</b>
Address: <b>RAJAPURAM P.O., KASARAGOD (DIST.), KERALA.</b>
City : <b>RAJAPURAM</b> District: <b>KASARAGOD</b>
State : <b>KERALA</b>
Pin code: <b>671532</b>
Website: <a href="http://www.stpius.ac.in">www.stpius.ac.in</a>

1.2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
<b>Principal</b>	Dr. C.K. Luckose	O:04672224775 R:04672224015	9048772280	046722 24775	principal@ stpius.ac.in
<b>Vice Principal</b>	Dr. Thomas Mathew	O: 4672224775 R:04672226808	9446212730		thomaskeena n1@hotmail. com
<b>Steering Committee Co-ordinator</b>	Dr. Thomas Mathew	O: 4672224775 R:04672226808	9446212730		thomaskeena n1@hotmail. com

2. Status of the Institution:

Affiliated College	<input checked="" type="checkbox"/>
Constituent College	<input type="checkbox"/>
Any other (specify)	<input type="checkbox"/>

3. Type of Institution:

a. By Gender

i. For Men	<input type="checkbox"/>
ii. For Women	<input type="checkbox"/>
iii. Co-education	<input checked="" type="checkbox"/>

b. By shift

i. Regular	<input checked="" type="checkbox"/>
ii. Day	<input type="checkbox"/>
iii. Evening	<input type="checkbox"/>

4. Is it a recognized minority institution?

Yes

X

No

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

CHRISTIAN

5. Source of funding:

Government

Grant-in-aid

X

Self-financing

Any other

6. a. Date of establishment of the college: .....14/08/1995... (dd/mm/yyyy)

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

KANNUR UNIVERSITY

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	08/03/2004	
ii. 12 (B)	08/03/2004	

(Enclose the Certificate of recognition u/s 2(f) and 12(B) of the UGC Act)

d. Details of recognition/approval by statutory/regulatory bodies other than UGC

(AICTE, NCTE, MCI, DCI, PCI, RCI etc.) NA

Under Section /clause	Recognition/Approval details Institution/ Department/Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.				
ii.				
iii.				
iv.				

(Enclose the recognition/approval letter)

7. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes  No

8. If yes, has the College applied for availing the autonomous status?

Yes  No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)?

Yes  No

b. If yes, date of recognition: ..... (dd/mm/yyyy)  
for its performance by any other governmental agency?

Yes  No

If yes, Name of the agency ..... and  
Date of recognition: ..... (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Rural
Campus area in sq. mts.	25
Built up area in sq. mts.	6192.96

(\* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities ✓
- Sports facilities
  - \* play ground ✓
  - \* swimming pool
  - \* gymnasium ✓
- Hostel
  - \* Boys' hostel x
    - i. Number of hostels
    - ii. Number of inmates
    - iii. Facilities (mention available facilities)

- \* Girls' hostel :  $\checkmark$ 
  - i. Number of hostels : 01
  - ii. Number of inmates : 100
  - iii. Facilities (mention available facilities)
  
- \* Working women's hostel x
  - i. Number of inmates
  - ii. Facilities (mention available facilities)
  
- Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise) x
- Cafeteria -  $\checkmark$
- Health centre - x
  
- First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....
- Health centre staff –
- Qualified doctor Full time  Part-time
- Qualified Nurse Full time  Part-time
  
- Facilities like banking, post office, book shops : x
- Transport facilities to cater to the needs of students and staff : x
- Animal house : x
- Biological waste disposal : x
- Generator or other facility for management/regulation of electricity and voltage :  $\checkmark$
- Solid waste management facility :  $\checkmark$
- Waste water management :  $\checkmark$
- Water harvesting :  $\checkmark$

12. Details of programmes offered by the college (Give data for current academic year)

Sl. No	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/approved Student strength	No. of students admitted
	Under-Graduate	1.B.Sc Physics	3 Ys.	Plus II	English	34	34
		2.B.Sc Micro-biology	3Ys.	Plus II	English	34	34
		3.B.Sc Computer Science	3Ys.	Plus II	English	34	34
		4.B.A. Devt. Economics	3Ys.	Plus II	English	50	50
		5. B.B.A.	3Ys.	Plus II	English	40	40
	Post-Graduate	M.A. Devt. Economics	2Ys.	B.A. Economics	English	20	20
	Integrated Programmes P G	Nil					
	Ph.D.	Nil					
	M.Phil.	Nil					
	Ph. D.	Nil					
	Certificate courses	1. Addon Course in Tourism Management	1Y	Plus II	English	30	30
		2. Addon Course in Insurance	1Y	Plus II	English	30	30
		3. Certificate course in Human Rights	3 Months	Plus II	English	30	20
		4. Addon Course in Electrical and Electronic Equipment Maintenance	1Y	Plus II	English	30	20
		5. Addon Course in IT	1Y	Plus II	English	30	20

	UG Diploma	Nil					
	PG Diploma	Nil					
	Any Other (specify and provide details)	Nil					

13. Does the college offer self-financed Programmes?

Yes  No

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Yes  No  Number

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.) : N.A

Particulars	UG	PG	Research
Science	Nil	Nil	Nil
Arts	Nil	Nil	Nil
Commerce	Nil	Nil	Nil
Any Other not covered above	Nil	Nil	Nil

16. Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, and M.Com...)

a. annual system	<input type="text" value="0"/>
b. semester system	<input type="text" value="07"/>
c. trimester system	<input type="text" value="0"/>

17. Number of Programmes with

a. Choice Based Credit System	<input type="text" value="06"/>
b. Inter/Multidisciplinary Approach	<input type="text" value="06"/>
c. Any other ( specify and provide details)	<input type="text" value="0"/>

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes  No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)  
and number of batches that completed the programme

b. NCTE recognition details (if applicable)  
Notification No.: .....  
Date: ..... (dd/mm/yyyy)  
Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes  No

19. Does the college offer UG or PG programme in Physical Education?

Yes  No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)  
and number of batches that completed the programme

b. NCTE recognition details (if applicable)  
Notification No.: .....  
Date: ..... (dd/mm/yyyy)  
Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes  No

20. Number of teaching and non-teaching positions in the Institution

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC /University/State Government <i>Recruited</i>	0	0	6	2	13	6	6	9	0	0
<i>Yet to recruit</i>										



Positions	Teaching faculty						Non-		Technic	
Sanctioned by the Management/society or other authorized bodies	0	0	0	0	3	3	0	0	1	0
Recruited										
Yet to recruit										

\*M-Male \*F-Female

21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	0	0	6	1	1	1	9
M.Phil.	0	0	0	1	2	1	4
PG	0	0	0	0	10	4	14
Temporary teachers							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	1	0	1
PG	0	0	0	0	2	3	5
Part-time teachers							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0

22. Number of Visiting Faculty /Guest Faculty engaged with the College.

Nil

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 1 (2008 – 09)		Year 2 (2009 – 10)		Year 3 (2010 – 11)		Year 4 (2011- 12)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	5	6	4	9	4	8	6	4
ST	20	33	21	35	24	30	26	25
OBC	66	152	64	160	73	157	67	135
General	119	171	116	166	114	157	109	159
Others (OEC)	12	14	9	17	13	15	12	20

24. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D	Total
Students from the same state where the college is located	567	35	0	0	602
Students from other states of India	0	0	0	0	0
NRI students	0	0	0	0	0
Foreign students	0	0	0	0	0
Total	567	35	0	0	602

25. Dropout rate in UG and PG (average of the last two batches)

UG  PG

26. Unit Cost of Education

*(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)*

- (a) Including the salary component   
 (b) Excluding the salary component

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes  No

If yes,

- a) Is it a registered centre for offering distance education programmes of another University

Yes  No

- b) Name of the University which has granted such registration.

- c) Number of programmes offered

- d) Programmes carry the recognition of the Distance Education Council.

Yes  No

28. Provide Teacher-student ratio for each of the programme/course offered
- |                |      |
|----------------|------|
| BA Programme   | 1:50 |
| BSc Programmes | 1:34 |
| BBA Programme  | 1:30 |
| MA Programme   | 1:20 |

29. Is the college applying for Accreditation:

Cycle 1  Cycle 2  Cycle 3  Cycle 4

Re-Assessment:

*(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)*

30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 28/02/2005... (dd/mm/yyyy) Accreditation

Outcome/Result...B+..... Cycle 2: ..... (dd/mm/yyyy)

Accreditation Outcome/Result.....

Cycle 3: ..... (dd/mm/yyyy) Accreditation

Outcome/Result.....

**\* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.**

31. Number of working days during the last academic year.

190

32. Number of teaching days during the last academic year

*(Teaching days means days on which lectures were engaged excluding the examination days)*

190

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC .....04/07/2005..... (dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i) ...11/07/2007..... (dd/mm/yyyy)

AQAR (ii) 25/07/2008..... (dd/mm/yyyy)

AQAR (iii) ...26/07/2009..... (dd/mm/yyyy)

AQAR (iv) ...23/04/2010..... (dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

## **C. CRITERIA WISE INPUTS**

### **CRITERION I: CURRICULAR ASPECTS**

#### **1.1 CURRICULUM PLANNING AND IMPLEMENTATION**

- 1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders?

St. Pius X College has very clear motto, vision and mission statements. The motto of the College 'Pro Deo Et Populo', means 'For God and for People'. The College motto enshrines the spiritual core. College believes that spiritual evolution is closely related to development of human values and sterling character. Hence we attempt to inculcate human values in the students through specifically planned activities.

The Vision of the institution is to become "A centre of excellence affordable to common man". To attain this vision, college consciously plans its functions and inspires staff and students to attain excellence in their specific endeavours. Since it is an aided college, regular courses are offered as per government prescribed fees. The government prescribed fees is very economical and relatively less costly compared to the fees charged by the self financing institutions for similar courses. Considering the local rural settings and poor economic conditions, even in the self financing course conducted by the college (M.A Development Economics), the tuition fees charged per semester is around half of what government permits. i.e. only Rs.6500/- per semester, while the Government permits to charge up to 12500/- per semester, plus 25% of this as special fees.

Our mission is to be "A beacon of eternal inspiration, to be the wheel within wheels to fulfil the aspirations of students, staff, alumni and the society at large". We try to communicate the mission to stake holders by clearly stating it in writing wherever possible. For instance, it is printed in the college hand book and displayed in the office, library, in all departments and the main corridors. It has been effectively internalised by clearly earmarking specific objectives, which are to be obtained within a specific period of time.

Following are the declared objectives of the college for the period 2005-2012

1. Ensure cent percent result.
2. Equip and ensure students' placements/higher studies
3. To be a disseminating centre of human values

4. To promote employable local extension activities
5. To ensure quality sustenance through ICT
6. Research oriented faculty and more P.G Programmes

The mission statement of the college is one that reflects both activities and aspirations of the college. Accordingly, every year the performance by the students and the staff is a step towards betterment. The college considers itself to be its own best competitor and so strives consistently towards bettering its performance and attaining excellence. Besides, every action of the college is targeted towards the creation of an ambience conducive to materializing its declared goals.

- 1.1.2 How does institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

Every semester begins with a teaching plan prepared by the faculty, which we meticulously carry out. It is mandatory that each department must develop teaching plan for all subjects in the curriculum. Time schedule for completion of the curriculum is decided in the teaching plan. Methods for imparting curriculum are discussed in detail in this teaching plan. The orientation programme conducted for the first semester students familiarises them with the new curriculum, credit semester system and facilities in the college. The Bridge Course also enables them to integrate their prior knowledge in the subjects with adequate proficiency. The Academic Monitoring Cell (AMC) and Department heads are entrusted with the duty of effective implementation of the teaching plan.

Along with conventional lecture method with white board and marker, we also widely use ICT enabled approach for effective implementation of the curriculum. For instance, every department is equipped with computers (laptops and desktops), LCD projectors and smart boards which are regularly used for effective communication.

Seminars, assignments, project works, study tours, and many more are provided to develop skills. The practical sessions in laboratory, continuous evaluation tests, digitalized problem solving exercises etc are regularly conducted to ensure proper imbibing of curriculum. Slow learners are supported with regular remedial sessions conducted by teachers and through the group learning programme named Friend In Needs of Education (FINE). Feedbacks from students and other stakeholders such as parents and alumni are utilized to improve the effective implementation of the curriculum.

- 1.1.3 What type of support (procedural and Practical) do the teachers receive (from the university and /or institution) for effectively translating the curriculum and improving teaching practices?

Faculty members of the college fully make use of the arrangements offered by the university and other statutory bodies such as UGC-Academic Staff College (ASC's), Higher Education Council, Directorate of Collegiate Education etc for effectively translating the curriculum and improving teaching practices. Our teachers avail opportunities for attending Refresher Courses, Orientation Courses, Workshops and National/International Seminars.

Active participation in university valuation camps and question paper setting assignments offered by other universities sharpen teachers' ability to effectively impart curriculum and improve teaching practices.

All our teaching faculties are members of the INFLIBNET facility offered by the central government. College authorities provide free and unlimited internet facility to all the departments along with a digitalized library. These two IT enabled facilities go a long way in updating and improving effectiveness of teaching practices in this rural, backward area of Kasaragod District. It is a custom in our institution that every academic year begins with an orientation programme for teachers handled by an outside expert. Many of our faculty are active members in various Professional Bodies and participate in annual conferences.

Our Faculty members joined in the resource pool ('Official Web-portal of Scholars') created by the Government of Kerala. Many of the faculty members act as resource persons in various institutions. Members of the teaching staff hold numerous responsible positions on University committees, which enable them to contribute to important decisions in the teaching-learning process. In addition to this, ten faculty members are on the board of studies of the University. Almost all staff members are the members of the syllabus revision committee for Choice Based Credit Semester (CCSS) System for the various under graduate courses of the university.

- 1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the curriculum provided by the affiliating university or other statutory agency?

In order to effectively deliver the curriculum, institution takes up the following initiatives.

1. Teachers are encouraged to attend refresher/orientation courses regularly.
2. Teachers are inspired to present papers in National/International seminars and to attend workshops in their respective subjects.
3. The college conducts ICT Training / Skill development programmes to strengthen the effective transaction of curriculum in association with Higher Education Council.
4. Institution provides free and unlimited internet facility to all the departments along with a digitalized library.
5. In order to improve the effectiveness of curriculum, a Bridge Course is provided to enhance fresher's existing knowledge in the subjects.
6. It is our system to have an effective teaching plan to complete the prescribed portions of the syllabi in stipulated time.
7. Institution ensures that effective transaction of curriculum through continuous evaluation process such as seminars, assignments and test papers.
8. Feed backs taken by the principal and teachers are used to improve the delivery mechanism of curriculum.
9. Institution has a regular arrangement for assisting weaker students through remedial coaching and FINE.
10. The institution conducts a special programme with financial assistance from UGC for minority students for effective transaction of the curriculum.

1.1.5 How does the institution network, interact with beneficiaries such as industry, research bodies and university in effective operationalisation of the curriculum?

The college utilizes faculty training programs offered by universities for effective operationalisation of the curriculum. Various departments of institution collect feed backs from research scholars and alumni who are employed in various industries about the effectiveness of the present curriculum and their suggestions are considered while imparting the curriculum. Most of the faculties are members of various research bodies and their interaction enriches the effectiveness.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the university? (Number of staff members /departments represented on the Board of studies, student feedback, teacher feed backs, stakeholder feedback provided, specific suggestions etc)

Members of the teaching staff hold numerous responsible positions on University committees, which enable them to contribute towards the development of the curriculum. In addition to this, ten faculty members

are at present on the board of studies of the University. Almost all staff members were the members of the syllabus revision committee for Choice Based Credit Semester (CCSS) System for the various under graduate courses of the university. Also feedbacks from faculty, students, alumni, employees and academic peers are periodically collected. These feed backs are thoroughly analyzed and recommendations are communicated to the University through the BOS members. Table 1.1 showing details of staff members represented in BOS during 2005 - 12.

Table 1.1 Details of staff members represented in BOS during 2005 - 12.

<b>Sl.no.</b>	<b>Name</b>	<b>Subject</b>
1	Dr. C.K. Luckose	Economics
2	Dr. Fed Mathew	English
3	Dr. George Mammen	Hindi
4	Dr. Anilkumar K.K.	Microbiology
5	Dr.Sarala Gopalakrishnan	Microbiology
6	Dr. Thomas Mathew	Electronics
7	Prasad P.J.	Travel and Tourism
8	Thomas Scaria	Computer Science
9	Shyma S.G.	Statistics
10	Dr. Denoj Sebastian	Microbiology

Ten teaching staff members of the college were involved in the preparation of the syllabus of 22 programmes spread across the three streams (Arts, Science and Commerce), which are included in the new CCSS system.

College regularly takes feedback from students, teachers, and alumni employed in different industries and other stake holders. Their useful suggestions are presented in the BOS for development of the curriculum.

- 1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes' give details on the process? ('Needs assessment', design



development and planning) and the course for which the curriculum has been developed.

Yes. Institution conducts three courses other than those under the purview of the affiliating university.

1. Tourism Management Certificate course (UGC funded career oriented add-on Course)
2. Add on course in Insurance (UGC funded career oriented add-on Course)
3. Human rights education Certificate Course (UGC funded career oriented certificate Course)
4. Add on course in Electrical and Electronic Equipment Maintenance (Self financing)
5. Add on courses in IT -CCIWT and CCAPP (Self financing)
6. Short term course on Positive discrimination (UGC funded certificate course).

Since college situates in the most backward region of Kerala, these courses immensely enhance the employability of students. The college has taken special initiative to begin these courses which might not be made available in the regular degree programme. These courses are offered parallel to the regular courses. The curriculum of these programmes is designed and developed by the institution which is subsequently approved by Kannur University and UGC. Kannur University endorsed certificates are given to the participants. Human rights education Certificate Course is offered even to the public such as Panchayath members, Kudumbasree members, retired teachers and Members of voluntary agencies.

1.1.8 How does institution analyse/ensure that the stated objectives of curriculum are achieved in the course of implementation?

Institution uses diagnostic tests to analyze the level of academic proficiency of fresher's entering into the college in all subjects. A bridge course is conducted to cover the gap existing between their previous knowledge and the required level. These diagnostic tests and bridge courses are highly helpful in bringing the fresher's into a common standard which is essential for effective application of UG curriculum in this rural and educationally backward region. Teachers working with a well defined teaching plan attempt to ensure the stated objectives of curriculum. ICT enabled approach including LCD projectors and smart boards help effective transferring of the curriculum.

Systematic and continuous evaluation system is the effective mechanism to analyze and assess the level of understanding attained by the students.

The class tests, terminal examinations, seminar/viva and assignments enable proper and timely evaluation. The assessment through PTS (parents, teachers and students) is one of our unique programmes in which proper analysis and suitable remedial measures are considered. Proper use of remedial mechanism helps cover the deficiency in the level of understanding of curriculum.

Institution gives priority to candidates with Research Degrees such as Ph.D/M.Phil at the time of recruitment itself. Institution extends full support and encouragement to the faculty for availing facilities such as Faculty Development Programme (FDP) to acquire research degrees at the earliest. Teachers are also encouraged to attend, present and publish research papers in academic conferences and journals to improve and update their knowledge in curriculum. Thus the competency of the committed faculty contributes greatly towards the achievement of the expected standard of curriculum.

## 1.2 Academic Flexibility

### 1.2.1 Specifying the goals and objectives, give details of Certificates/ Diplomas/Skill development courses etc offered by the institution.

Institution started Career oriented Add-on courses with the objectives of developing hard and soft skills of the students and improving their employability. It also aims to achieve development of integrated personality as well as holistic development of students. Institution offers a number of career oriented add – on courses and wide variety of clubs to develop various skills. Department of Development Economics conducts add-on courses in Tourism Management and Certificate course in Human right education while Business Administration Department (BBA) offers Add-on course in Insurance. All these courses are conducted with the help of UGC grants. Details of the courses are mentioned in section 1.1.7.

In order to develop entrepreneurial ability of the students, an ED Club is functioning in the institution with the help of Department of Commerce and Industries, Government of Kerala. Tourism club of the college provides training to the students in tourism management with financial assistance from Department of Tourism, Government of Kerala. Business club (B-club) of the BBA department enhances business aptitude, besides providing a three day soft and hard skill training programme every year for the BBA students.

Forestry and Nature club, Science club, NSS, NCC, EHV club, Yoga club etc help overall development of students' character and personality.

Since the participation in these clubs entitles the students to obtain certificates, they are motivated to actively participate and utilize opportunities for their skill enhancements.

1.2.2 Does the institution offer programs twinning / dual degree? If 'yes', give details.

The university, at present, does not provide the provision for twinning and dual degree.

1.2.3 Give the details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability.

- Range of core / Elective options offered by the university and those opted by the college
- Choice Based Credit System and range of subject options
- Course offered in modular form
- Credit Transfer and accumulation facility
- Lateral and vertical mobility within and across program's and courses
- Enrichment Courses

Institution offers following provisions with respect to academic flexibility with the intention of giving skills development, academic mobility, progression to higher studies and improved potential for employability.

In the range of core/ elective options offered, institution fully adopts university curriculum. For instance, in the case of UG course in Development Economics, out of ten open courses available, students can take any two. However, in the case of Core Courses, generally University doesn't allow any options. But in the case of B.Sc Physics and Computer Science, during the sixth Semester, elective subjects are allowed even in the core courses.

Institution adopts Choice Based Credit Semester System from 2009 admission onwards and it relatively offers more flexibility compared to the year wise system previously existed. Interdisciplinary approach at the UG level is ensured by the university through the introduction of open course system in order to provide sufficient academic flexibility. All courses offered in the college follow the modular form.

The Credit Transfer and accumulation facility is in tune with the existing rules and regulation of the university. The total credit required is 120.

The vertical mobility within the program is ensured by the institution and university. However, lateral mobility is not at present available in the programmes offered by the institution.

Add-on and career oriented courses enrich the students in employability and overall personality.

- 1.2.4 Does the institution offer self-financed programs? If 'yes', list them and indicate how they differ from other programs with reference to , Admission , Curriculum, Fee structure, Teacher Qualification , Salary etc?

The College offers M.A. Development Economics as a self financed programme. It is conducted as per the rules laid by the Kannur University and the Government of Kerala. The students enjoy the same rights and facilities as the regular students except in the case of fee structure laid down by the Government. Tuition fee comes to an amount of Rs 12500/- per semester, besides 25% of the tuition fee can be charged as special fee. However, considering the financial and educational backwardness of the region, we collect only Rs: 6500/-per semester. The teacher qualifications are the same as per the rules of the University, Government and UGC. The salary expenses are met by the management from the fees collected, over and above this, other additional expenses are met by the management from its own financial sources. The salary paid to the faculty members of this unaided course is as per the rules of the state Government.

- 1.2.5 Does the college provide additional skill oriented programs, relevant to regional and global employment markets? If 'yes', provide details of such programs and the beneficiaries?

Yes, the College provides a number of skill oriented programs which enhance employability of students.

The College has two Career oriented Add-on courses financed by the UGC in the field of Insurance and Tourism Management. Three Add-on courses in the area of computer Science and Physics are also offered by the college. A certificate course in Human Rights education is also conducted in the college with financial assistance from UGC, which is highly beneficial to both students and the general public.

Since the modern employment market demands Students with integrated personality, college offers a number of activities like Forestry and Nature club, Science club, NSS, NCC, EHV club and Yoga club which help overall development of student's character and personality. These arrangements will empower our students with better EQ and SQ which will make them more suitable in the global employment markets.

- 1.2.6 Does the university provide for the flexibility of combining the conventional face to face and distant mode of education for students to choose the courses combination of their choice? If 'yes', how does the institution take advantage of such provision for the benefit of students?

University permits limited flexibility in combining conventional face to face and distant mode of education. Students in the distant education mode are permitted to change over to regular mode and vice versa.

### 1.3 Feedback on Curriculum

- 1.3.1 Describe the efforts made by the institution to supplement the university's curriculum to ensure that the academic programmes and institution's goals and objectives are integrated?

To ensure institution's goal of cent percent result, we supplement the university's curriculum by providing Remedial teaching programme in all subjects. To attain the objective of employability we offer specially designed five career oriented Add-on courses, which will enhance their employability and competence. To ensure quality sustenance through ICT, all the programmes conducted in the college provide added emphasis for I.T. education.

- 1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?

Institution presents the suggestions collected from the various stakeholders like students and alumni through BOS members and thus modifies, enriches and reorganizes the curriculum to suit the needs of the dynamic employment market.

- 1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate change, Environmental education, Human rights, ICT etc into the curriculum?

In order to address the issues such as Gender, Climate change, Environmental education, Human rights, ICT etc into the curriculum, the

institution has various activities like equal opportunity Centre, Nature club, Forestry Club, Tourism Club, women's Cell (Manini) and Education in Human Values Club which empower students to address these issues. We have a special programme in value education and human rights which are conducted with UGC assistance.

1.3.4 What are the various value added courses/enrichment programmes offered to ensure holistic development of students?

- Moral and ethical values
- Employable and life skills
- Better carrier options
- Community orientation

We conduct programmes with UGC assistance for inculcating moral and ethical values not only to our students but also for teachers, students and parents in the neighbouring institutions. Education in Human Values (EHV) programmes have been conducted in the college as well as the neighbouring institutions for the dissemination of human values among the students. College organizes "Entry in services coaching Programmes" for various competitive examinations of Union Public Service Commission(UPSC), Kerala Public Service Commission(KPSC), Railway Staff Selection Commission, Banks , etc for our students as well as the local youth free of cost. This programme is financed by UGC. We have two excellent NSS units which bagged best NSS unit awards at the state level as well as in university level. Our NCC unit inculcates discipline & human values and imparts competency in life skills along with enhanced employability. Our NSS and NCC units also ensure excellent community orientation to our students.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

The feedback and suggestions obtained are examined and earnest efforts are made for improvements and modifications in the curriculum. Members who participated in the workshop for restructuring university curriculum in tune with CCSS have very effectively contributed in the restructuring efforts. Environmental studies and ICT have been incorporated in the curriculum of the entire programme offered by the college.

1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

Through the analysis and close monitoring of university results, internal assessments like terminal examination, model examination, assignments, seminars, participation in arts and sports, NCC and NSS

and various activities of the college, we evaluate the quality of our enrichment programmes. Other indicators like placement records, results of National and state eligibility tests, enable us to monitor and enrich our programme. We also have various feed backs to ensure an objective evaluation.

## FEEDBACK SYSTEM

### 1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the university?

Even though the college has limited freedom for curriculum revision, we utilize all possible means to give creative suggestions and recommendations for curriculum restructuring, for instance, most of our faculty members are members on Board of studies and they communicate creative suggestions in BOS meetings. Almost all regular teachers were actively involved in the curriculum re -structuring occurred in 2009-10 and assisted in the selection and creation of course content for various programmes. The suggestions made are in accordance with the NAAC directions such as contributing to national development, Fostering global competencies, inculcating a value system, promoting the use of technology, and quest for excellence. We use feedbacks from stakeholders to offer creative suggestions through BOS for design and development of the curriculum prepared by the university.

### 1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on curriculum? If ‘Yes’ how is it communicated to the university and made use internally for curriculum enrichment and introducing changes/new programmes?

Yes. Feedbacks are collected from stakeholders, they are analyzed and relevant suggestions are communicated through our BOS members to the university. Various instances of internal curriculum change have taken place in various programmes such as B.Sc. microbiology, B.Sc. Physics, BBA etc.

### 1.4.3 How many new programmes/ courses were introduced by the institution during the last four years? What was the rationale for introducing new programmes/ courses?

During the last four years, institution successfully converted two courses sanctioned on conditional basis, into aided courses (B.Sc Computer Science and BBA). We also have UGC sponsored add-on courses on Tourism Management, Insurance and Human rights Education. The

short term course on positive discrimination empowered SC and ST students of this college. With the intention of developing hard and soft skills of the students and improving their employability, integrated personality and holistic development, institution introduced these courses/ programmes. The introduction of other new programmes is strictly curtailed by the existing government fiscal policy.

Any other relevant information regarding curricular aspects which the college would like to include.

Since the college is situated in a rural area and the number of colleges available in the district for higher studies are very much limited, our college has applied for P.G. Courses such as M.S.W, M.B.A, MCA, M.Sc. Physics and M.A, Development Economics. However the Government have given sanction to commence only M.A Development Economics programme in self financing stream. Decision regarding sanctioning of other courses is still pending with the State Government.



## **CRITERION II: TEACHING – LEARNING AND EVALUATION**

### 2.1 Student Enrolment and Profile:

#### 2.1.1 How does the institution ensure wide publicity to the admission process?

Admission to various courses is based strictly on clear norms laid down by Kannur University and the Government of Kerala, communicated to the college from time to time. The college strictly follows these norms set by the University.

In the case of UG admissions, after the declaration of results of Kerala Higher Secondary Examinations, the Kannur University notifies a uniform time schedule for the admission process, which appears in the official website of the University and also as a press release in all leading national and regional dailies.

The college also gives adequate publicity to the admission process through its own website and also displays the University notification in the college notice board. Besides, the college takes initiatives to ensure that the courses offered by the college are highlighted in career related articles published in the newspapers during the time of admission. Along with the prescribed application form, a copy of the college prospectus is also issued to every applicant. The brochure/prospectus contains information regarding various academic programmes offered by the college, the facilities available and the related information.

If there are vacancies in the SC/ST categories, the college advertises three times such details in the dailies.

Regarding P.G admission, the University issues a similar notification after the publication of results of final year UG programmes and the college also advertises the same on its own initiative to give wide publicity regarding the courses offered in the college.

#### Transparency:

Absolute transparency is maintained in the admission process of the college. The department concerned is responsible for the transparency in the admission process. The college follows the reservation rules framed by the Government from time to time. Based on the merit and reservation terms, the prospective students are shortlisted, which is strictly verified by the faculty of each department. The shortlisted applicants are informed of the interview schedule through Postal Services in time. The merit list is also published in the college notice

board. The college strictly follows the rules and regulations of the Government and the University. The Right to Information Act 2005 further ensures transparency in the admission process.

A rank list of all the students who have applied for various programmes is prepared and published on the notice board. A copy of the rank list is also sent to the University. Each applicant is sent an interview intimation specifying the time and date of interview, amount of fee to be remitted and the list of documents to be produced at the time of admission. The whole process is monitored by the admission committee chaired by the Principal.

2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) Merit, (ii) Common Admission Test conducted by state agencies and national agencies, (iii) Combination of merit and entrance test and interview, (iv) any other) to various programmes of the institution.

i Merit

The admission process of the college is purely on the basis of merit in accordance with the rules and regulations framed by Kannur University and the Government of Kerala. Fifty percentage of the total seats are made available on open merit, 20% seats are reserved for SC/ST students on merit basis and 10% of the seats are reserved on the basis of community merit. The remaining 20% of the seats are reserved for students under management seats. The college has special software for the admission process. Each programme has set apart one seat each for students of outstanding sports performance and from physically challenged category. The table 2.1 gives the details of reservation for admission.

Table 2.1: Details of reservation for admission

Sl. No	Category	Percentage of Reservation
1	SC/ST	20
2	Community Quota	10
3	Management Quota	20
4	Open Merit	50
5	Total	100

ii Common Admission Test conducted by state agencies and national agencies – NA

iii Combination of merit and entrance test and interview - NA

iv any other – NA

2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and

provide a comparison with other colleges of the affiliating University within the city/district.

The table 2.2 provides a comparative analysis of the percentage of minimum and maximum marks for admission of nearby colleges of Kasaragod district in 2012- 2013.

Table 2.2: Comparative analysis of the percentage of marks for admission with other nearby colleges in Kasaragod district in 2012-2013.

Name of the College	Sl. No.	Department	Programme	Minimum Mark	Maximum Mark
St Pius X College	1	Business Administration	BBA	83.41%	93.48%
	2	Economics	BA Economics	75%	88.25%
	3	Physics	B.Sc Physics	82%	94.20%
	4	Computer Science	B.Sc. Computer Science	78%	87.08%
	5	Microbiology	B.Sc Microbiology	75.48%	87%
NAS College, Kanhangad	1	Commerce	BBA/B.Com	79.21%	85.40%
	2	Economics	BA Economics	76%	86.25%
	3	Physics	B.Sc Physics	75.38%	87.04%
	4	Computer Science	B.Sc Computer Science	77.85%	88.33%
Government College, Elerithattu	1	Commerce	BBA/B.Com	68%	81.50%
	2	Economics	BA Economics	71.09%	79.45%

2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes, there is a mechanism in the institution to review the admission process and student profile. The admission committee evaluates and reviews the general admission process in accordance with the rules and regulations of the University and the Government. Students belonging to different categories are selected purely on open merit.

2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

- SC/ST
- OBC
- Women
- Differently - abled
- Economically weaker sections
- Minority community
- Any other
- The institution follows the rules, regulations and instructions laid down by the University and Government of Kerala in admission procedure, which ensures national commitment to diversity and inclusion to various categories.
- The University and the Government have reserved 20% seats for SC/ST students which ensure equity to such categories of students.
- In the absence of SC/ST students, such seats are allotted to OEC/OEC(M)/ OBC after giving sufficient number of re-notifications.
- There is no special provision in the University regulations ensuring diversity and inclusion for women to the different academic programmes as admission is not based on gender. However, as a matter of fact, 75% of our students are women.
- Three percentage of seats of UG programmes are reserved for the physically challenged students having a minimum of 40% disability.
- Reservation for economically weaker sections of students (BPL) are under active consideration of the state Government in tune with the national policy. This reservation policy is expected to be implemented shortly. However, these students are given fees concession and various scholarships under KPCR (Kumara Pillai Commission Report).
- Ten percent of seats are reserved for minority community sections of the students.

- Three percentage seats in each of the UG programmes are reserved for candidates with outstanding records in sports and games.
- Three percentage seats are reserved for the applicants from Lakshadweep Islands to ensure positive discrimination for the islanders. However, we have not received any such application so far.

2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e., reasons for increase/decrease and actions initiated for improvement

YEAR 2009	Programmes	Number of applications	Number of SA	Demand Ratio
	BBA	302	42	1:7
	BA Eco	100	50	1:2
	B.Sc Comp	216	34	1:6
	B.Sc Physics	75	34	1:2
	B.Sc Micro	104	34	1:3
	Total	797	194	1:4
Year 2010	Programmes	Number of applications	Number of SA	Demand Ratio
	BBA	284	42	1:7
	BA Eco	151	50	1:3
	B.Sc Comp	120	34	1:4
	B.Sc Physics	114	34	1:3
	B.Sc Micro	145	34	1:4
	Total	814	194	1:4
Year 2011	Programmes	Number of applications	Number of SA	Demand Ratio
	BBA	354	42	1:8
	BA Eco	137	50	1:3
	B.Sc Comp	124	34	1:4
	B.Sc Physics	154	34	1:5
	B.Sc Micro	140	34	1:4
	Total	909	194	1:5
Year 2012	Programmes	Number of applications	Number of SA	Demand Ratio
	BBA	344	41	1:8
	BA Eco	194	50	1:4
	B.Sc Comp	109	34	1:3

	B.Sc Physics	114	34	1:3
	B.Sc Micro	203	34	1:6
	Total	964	194	1:5

\*SA – Students Admitted

YEAR	Programmes	Number of applications	Number of SA	Demand Ratio
2009	M.A Devt. Economics	62	20	1:3.1
	Total	62	20	1:3.1
2010	M.A Devt. Economics	65	20	1:3.3
	Total	65	20	1:3.3
2011	M.A Devt. Economics	70	20	1:3.5
	Total	70	20	1:3.5
2012	M.Phil	NIL	NIL	NIL
	Ph.D	NIL	NIL	NIL

It is observed that the demand for all the programmes offered by the college is shows a consistent increasing trend. The total seats for all the programmes reached maximum statutory limit of 194 per annum as per the Kannur university regulations. However, we have applied for various UG and PG programmes for the consideration of university and government.

## 2.2 Catering to Diverse Needs of Students

### 2.2.1 How does the institution cater to the needs of differently - abled students and ensure adherence to government policies in this regard?

Special measures are taken to empower differently – abled students and thus bring them to the main stream. They are given relaxation in eligibility for admission as per government norms. They are also given extra time for writing examinations and scribes are provided for candidates with visual impairment and locomotive challenges. They are

provided with class rooms which are easily accessible to them in the ground floor.

Equal opportunity centre functioning in the college also gives positive support such as information regarding career opportunity, fee concession and other privileges eligible for them. It is an inclusive social enterprise, formed for the sake of students with and without disability, with the vision to promote equal opportunity and to ensure inclusion in all spheres of life.

2.2.2 Does the institution assess the students need in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Yes. At the beginning of the programme, following points are taken in to consideration. During the first month, all teachers conduct Post admission diagnostic test for each subject to identify the strengths and weakness of the students and the personal problems faced by them. We categorise the students as advanced learners, average learners and slow learners. We cater to the special needs of each group with suitable packages so that each group excel in the academic field.

2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge / Remedial/ Add-on/Enrichment Courses etc.)

- Bridge course is offered to all the first year students at the beginning of the first semester.
- During the first month, all departments conduct Post admission diagnostic test to identify the strengths and weakness of the students. We categorize the students as advanced learners, average learners and slow learners.
- Group learning named FINE is effectively introduced.
- A few advanced learners are in charge of a group of six or seven students. The group regularly conducts discussion sessions in which there is ample scope for exchange and enhancement of knowledge base of each student.
- Five Add-on courses and a certificate course are offered to enrich our students with financial support of UGC.
- UGC sponsored remedial coaching is also being conducted in the college for students who are identified to lag behind others.

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

The women's cell (Manini), nature and tourism club in the college look into the issues of gender and environment. The women cell conducts discussions, seminars, poster presentations, essay competitions etc to broaden the vision of students and help them break the barriers of gender inequality. Academic retreat is conducted every year for the teaching staff, in which priority is given to sensitise them on environment and gender issues.

All the students get environmental education as a part of their curriculum itself with the introduction of CCSS. The nature club conducts programmes to create awareness among students about the environment. Equal opportunity centre, conducts a short term course on positive discrimination to address such social issues.

The Legal Cell of KELSA (Kerala State Legal Services Authority) conducts legal literacy classes regularly in the college to promote legal awareness among the students. UGC sponsored certificate course in Human Rights Education is also offered in the college for the students, teachers and general public.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

Advanced learners are encouraged to present seminars on recent trends on their subject area. They are motivated with endowments, scholarships; proficiency prize, etc. They are encouraged to participate in seminars/ workshops/ symposia, etc conducted by universities and other institutions. Also we conduct management meets, IT Fest in which advanced learners get opportunity to interact with experts in different subjects and advanced learners from other institutions. All department associations conduct seminars on advanced topics to familiarise them in recent trends

2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of the society, physically challenged, slow learners, economically weaker sections etc.)?

Diagnostic tests and periodic unit tests help to identify the learning problem of the weak students. The bridge course, remedial teaching and FINE are very effective in solving the learning problems of the weak students. These help to reduce the dropout rate of the students due to academic problems. Tutors of each class maintain personal relationship with the students to find out the financially weaker sections and



recommend financial support to them from the Agape club of the college. Travel allowance and special scholarships are provided to the financially backward students with financial assistance from the UGC. The other recurrent reasons for dropout cases are joining for professional courses and marriage during the course of study. In addition, students who drop out for doing Teachers Training Course (TTC) and come back after completing the course are re-admitted for the completion of the degree programme. With all these efforts the drop-out rate could be kept low (less than 2.5% including students who leave the college to join professional courses). The drop out rate details are given in departmental inputs (Criteria V, section 5.2.2, table 5.4).

#### Teaching - Learning Process

- 2.3.1 How does the college plan and organise the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print etc.)

At the beginning of each academic year the staff council prepares a college handbook in which the academic calendar is included. The calendar is prepared in tune with the calendar of Kannur University to which the college is affiliated. The dates of important programmes and events which are planned for the academic year concerned are given in the handbook. The staff council appoints a subcommittee to prepare the handbook.

On the basis of the academic calendar of the year, every teacher prepares a teaching plan for the subjects he/she teaches. Teaching plan includes mode of teaching, time bound division of the curriculum, provisions for class tests, assignments and seminars. The teaching plan is discussed in the departmental staff meetings and compatibility is ensured.

#### Evaluation schedules

The academic calendar together with the teaching plan of the individual teacher contributes to the evaluation schedules. The evaluation process involves continuous evaluation of the student by the teacher concerned and end semester examination by the University. Continuous evaluation includes internal examinations, seminar presentations/viva voce, assignments and attendance. For every semester, minimum two terminal examinations are conducted at the college level. Besides that, teachers regularly conduct class tests to ensure continuous learning process. The dates of internal examinations are announced in advance through the college calendar. Every year a teacher acts as the controller of terminal examinations. The responsibility of other continuous evaluation

components such as seminar presentation, assignments, attendance etc. are being conducted and evaluated by the teachers who handle the subjects. For the continuous evaluation, the teachers follow the rules and regulations issued by the University.

The staff council of the college has constituted an Academic Monitoring Cell (AMC) to coordinate various teaching learning and evaluation related activities. The AMC conducts periodic meetings and it regularly monitors the teaching learning and the evaluation process and provides timely remedial measures.

The institution has developed a comprehensive progress card, a university mark register and internal mark register for each student as an evaluation blue print. The evaluation blue print gives a clear assessment of the progress of each student in the terminal examinations, end semester examinations, attendance, assignments, seminars and viva voce.

### 2.3.2 How does IQAC contribute to improve the teaching - learning process?

Internal Quality Assurance Cell (IQAC) was constituted in the year 2005 to formulate, monitor and internalize quality enhancement measures as per the direction given by NAAC.

- The AMC, under the supervision of IQAC, takes measures to improve the teaching learning process.
- Regular meeting of the Staff council is held to plan and implement academic activities that foster excellence.
- Class PTS and PTA meetings are organized to promote inter-stakeholder relationships under supervision of IQAC.
- Measures are taken to analyze the feedbacks from students and alumni of various programmes to increase the acceptability and employability of the courses offered in the institution.
- Promotes students extra curricular and co curricular activities.
- Promotes human values, social responsibility and good sense of culture and civilization of the nation.

### 2.3.3 How is learning made more students - centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

All programmes have been made more student centric with the application of various learning techniques such as preparation of assignments, presentation of seminar/viva voce, project report, group

discussions, brain storming, , etc. These are the major components of continuous evaluation system in CCSS.

The Institution also recognizes the fact that the students are the major stakeholders in the higher education system and they should acquire necessary skills like communicative, social and technical. Hence the stress has always been on student-centric teaching learning process. The teachers are sensitive to the various needs of the students and strive to make the advanced learners more competitive.

Most of the classes engaged for the students are based on interactive teaching learning process. Students are often involved in brain storming sessions and debates. We have our own system of group learning (FINE) in which effective collaborative learning takes place. Independent learning is encouraged through various means such as project presentation, assignment and seminar, etc; besides providing free internet facility in all departments along with common facility at the language lab.

Another strategy adopted by the institution is 'learning by doing'. Student initiatives are promoted and encouraged to do things in the practical environment. Various subject associations, forums, N.S.S, NCC etc. are the platforms which enable the students to conduct various programmes of their own initiatives and thus acquire necessary skills. For instance, the students of BSc Computer Science organized an IT Fest which really benefited the students in knowledge management. Similarly, the students of BBA organize 'Management Meets' which is a platform to evaluate the managerial abilities, skills and knowledge of the degree students. These programmes are planned, organized and conducted by the students themselves under the guidance of teachers.

#### 2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

The institution has clear cut mission statement proclaiming these values. The handbook specially mentions that "to instil the students with scientific temper and analytic mind, so as to be bloomed as knowledgeable, competent, socially committed and patriotic citizens to uphold the various challenges of the world". Our various clubs cater to these aspirations with planned activities. The role of value club deserves special mention.

All students of the college learn Critical thinking as a part of their curriculum, as this part is included in the syllabus of their common

course after the introduction of the CCSS. The experience and exposure given to the students by the organisations like NCC and NSS give them a lot of opportunities to foster their creativity. These experiences also help to mould them into holistic and integrated personalities and to learn from the opportunities and areas beyond the boundaries of the curriculum. The above mentioned activities ensure proper internalization of various skills and help to create a mental frame work conducive for assimilation of knowledge to transform them into life-long learners and innovators.

- 2.3.5 What are the technologies and facilities available and used by the faculty for effective learning? Eg: Virtual laboratories, e- learning-resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission On Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education etc.

Considering the backwardness and rural settings of the college the development of virtual laboratory is in the initial stage. However teachers are encouraged to use the virtual lab facilities available such as 'Edusat' of Kerala Government and other national facilities. Smart boards are used in class rooms which make teaching more effective. The institution makes available 2100 of e- journals and 51,000 e- books through the INFLIBNET facility. The faculty members regularly make use of INFLIBNET facility through ten broadband connections financed by the Ministry of Human Resources Development. Inter active learning modules and digital books available in the library also help the teachers. College conducted certificate course in ICT for our teachers as well as the teachers of neighbouring colleges in association with Kerala State Higher Education Council (KSHEC). Teaching faculty is encouraged to utilize facilities like LCD power point presentations, and Smart Board to ensure optimum results. Majority of the teachers use e-mail as a means to inform students about the assignments and other academic matters.

The prepared materials available in the internet are profusely utilized in an effective manner. The official website of Kerala Govt provides a portal called 'Official Web-portal of Scholars' where study materials are shared.

- 2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshop etc)?

The faculty keeps pace with the recent developments in various subjects through participation in refresher courses, other short term courses,

national and international seminars, work shops etc. Many teachers published papers in various reputed journals and presented papers in national/ international seminars. Many of them are often invited as resource persons. Several journals and magazines are subscribed by the college library for the benefit of staff and students.

All the faculty members have access to the INFLIBNET network of UGC. The journals and articles on the web are used by the faculty, which expose them to advanced level of knowledge and skills.

The students keep pace with the recent developments in various subjects through the interaction with teachers, association activities, organising and participating in the regional and national seminars. We organize seminars, debates and discussions etc. on current issues. The students are encouraged to select current topics for assignments and seminars as part of continuous evaluation process. Interactions with alumni are arranged to enhance the awareness of current topics. Further, the students are encouraged to use internet and access on-line journals and articles to update and keep themselves abreast of the current developments.

The college library is properly used to enrich and update their knowledge. The students have free access to e-journals & e-books under the N-LIST programme of INFLIBNET.

The institution takes special initiatives like soft skills training program for personality development, orientation program for first year students and activities like management meet and IT fest to provide adequate exposure to our students in advanced skills.

In fact, Blended learning, the new initiative of mixing different learning environments, is systematically implemented in the new CCSS system. It makes use of both traditional lecture methods along with ICT based learning resources.

2.3.7 Detail (process and the number of students / benefitted) on the academic, personal and psycho – social support and guidance services (professional counselling / mentoring / academic advice) provided to students.

A tutorial system functions in an exemplary way in the college. The programme has been proved useful and the students really acknowledge the usefulness of it. A coordinator is appointed to arrange the programme in a systematic manner. One hour tutorial for each class on Wednesday is mandatory. Besides strengthening the teaching learning activity, it is also used to identify the co-curricular potential of the students and promote their all round personality development. Training

is given to equip them to meet the challenges of the modern world, to improve their communication skills and enhance their leadership quality.

The tutor plays the role of a mentor. As holistic development of the students is our motto, each teacher is upholding the responsibility of giving personal attention to each and every student in their academic, co-curricular, and overall personality development. The students are encouraged to approach their tutors in case of problems. Our institution has a separate guidance and counselling centre which utilizes the service of an outside professional counsellor to tackle the personal and psycho-social issues of the students. The career guidance cell also gives training to students in personality development, effective communication and professional guidance. Experts from various institutions such as Vimal Jyothy Eng. College Chemperry, Don Bosco College, Angadykadavu, Srenivasa Institute of Management Studies, Mangalore etc. visit our institution and provide academic advice.

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?

- **Lecture Method:** The lecture method is often used to give an overview of the subject and to explain difficult ideas and theories. Instead of a monotonous one-sided delivery of facts and information, the teachers ensure participation of the students by asking questions and encouraging the students to ask questions. Thus, the lecture method is made interactive and student friendly. Teachers also make use of student centred methods to make the lectures interesting. The method is still very effective since there is a direct interaction between the teacher and the learner and the teacher is able to gauge the depth of understanding achieved by the student.

In order to make the teaching- learning experience more effective and interesting, teachers are also using the following innovative methods:

- **Computer-assisted learning:** The institution has recognized the importance of ICT based learning and has built smart classrooms which have computers, LCD projectors and internet facilities. The teachers are encouraged to prepare Power Point presentations, pictures and videos related to their subject and show them to their students using the facilities available in the smart class rooms. Each Department has a CD collection consisting of presentations and computer aided learning packages prepared by the faculty or downloaded from internet. Since the

smart class room has internet connectivity, videos and other study materials can be downloaded directly then and there from the net to supplement the teaching-learning process.

- Projects and assignments-based learning: Projects and assignments are being effectively used by the institution to make the students more inquisitive and to enhance interest in their subjects of study. Assignments form a component of the continuous evaluation process and projects have also been made a part of the curriculum of UG and PG courses.
- Seminars: Students are required to give at least one seminar per course. They are encouraged to use Power Point presentations for the seminars and can make use of the free internet connectivity available in the college.
- Experiential learning: Since students will assimilate and remember what they learn through direct experience, the following experiential methods of teaching are used to supplement other teaching-learning methods.
  1. Learning through Experiments: All science students have at least 8 hours of laboratory training per week for core courses and at least 2 hours of laboratory training for complementary courses. During these sessions, the students conduct experiments to verify the theories they study in classrooms.
  2. Industrial visit: Various industrial visits are made for enriching the learning with an experiential element. During the third year of study, BBA students have to undergo an in - plant training in any of the industrial organization. This training inside an industry provides them an opportunity to have real work experience and enrich their learning process.
  3. Others: In addition to the lecture method, other teaching – learning methods are implemented in the college. Various interactive methods go hand in hand with the lecture method. Even though students are free to get their doubts clarified any time during the lecture, 5 -10 minutes at the end of every class are devoted for interaction.

The course wise details of various teaching learning methods are given table 2.3.

Table 2.3: The course wise details of various teaching learning methods

BBA	<p><b>Project based learning</b>                      Various group projects/ assignments are given to students by teachers. During the second year of study, each student has to participate in a group research project. All the students are required to prepare a research plan, conduct and present the findings before the class.</p>	
	<p><b>Computer Assisted Learning</b>                      At least two assignments are given for every course and the preparation of the same is very much computer assisted. The students have to browse the Internet for the required data/ information and the matter is to be typed using word processing software.</p>	
	<p><b>Experiential Learning</b>                      Various industrial visits are used for making the learning an experiential one. During the third year of study, each student has to undergo in-plant training in any of the industrial organization. This training along with other visits makes the learning process an experiential one.</p>	
	<p><b>Seminars</b>                      All students have to present seminars for each course of study during the academic year.</p>	
	B.Sc Physics	<p><b>Project based learning</b>                      Various group projects are given to students by teachers. During the third year of study, each student has to undergo a project based on the experimental / theoretical aspects of physics and prepare the project report and submit for viva.</p>
		<p><b>Computer Assisted Learning</b>                      At least two assignments are given for every subject and the preparation of the assignment is performed with the help of ICT lab. The ICT based learning process enhances the availability of current information at their fingertips. In order to improve their computer programming skills, they are given a core course with C++ programme.</p>



	<p>Experiential Learning</p> <p>For making the learning an experiential one, the department conducts a study trip to familiarize each student with the application of science, used in various industries during the third year of study.</p>
	<p>Seminars</p> <p>Seminar presentation is mandatory in core course. These seminars provide them insights into recent trends.</p>
B.A. Development Economics	<p>Project based learning</p> <p>Various group projects are given to students by the teacher concerned.</p>
	<p>Computer Assisted Learning</p> <p>Students have to undergo a core course on computer science and basic tools as part of their degree programme. Assignments are given for every subject and the preparation of the assignment is computer assisted.</p>
	<p>Experiential Learning</p> <p>The students visit various nearby villages to collect primary data on the socio-economic conditions of the people to assess their economic standard, extend of poverty and the present living conditions.</p>
	<p>Seminars</p> <p>Presentation of seminars on recent developments in the arena of economic conditions of the world is made compulsory for every student.</p>
B.Sc Computer Science	<p>Project based learning</p> <p>Group projects are given to students of third year degree course and this is assisted by external experts under the supervision of a teacher.</p>
	<p>Computer Assisted Learning</p> <p>Two assignments are mandatory as partial requisite of the core course per semester.</p>
	<p>Experiential Learning</p> <p>Visit to some IT institutions is part and parcel of the learning programme. During the third year of study, each student is given a chance to visit IT institutions in and out of the state.</p>
	<p>Seminars</p> <p>As seminar presentations are found to be very effective, it is made compulsory for every student.</p>
B.Sc Microbiology	<p>Project based learning</p> <p>Practical assignments outside the campus are given to</p>

	students on different topics to enable them to have first hand experience on water analysis, blood grouping and so on.
	<u>Computer Assisted Learning</u>
	Assignments are prepared with the help of advanced software packages so that students may develop computer skills. This enhances their computer proficiency.
	<u>Experiential Learning</u>
	Practical experiments connected with health and hygiene such as water analysis, blood grouping etc. is used for making the learning an experiential one. The study trip for third year students is intended to provide them first hand experience with industries.
	<u>Seminars</u>
	Seminar presentations are made mandatory for each and every student as it is very effective for comprehensive understanding of the subject concerned.

2.3.9 How are library resources used to augment the teaching learning process?

Department libraries are there in the institution for the use of faculty and students. In addition to the books issued by the general library of the college, the department libraries issue books to the students and teachers. Selected journals and dailies are subscribed by the departments to enable the students to have familiarity with the recent trends and developments. A teacher in the department acts as the coordinator of the department library and looks after the matters related with the lending of books of the department library. An accession register and an issue register are maintained in each department for the same.

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges and the institutional approaches to overcome these.

No. The biggest challenge faced by college in completing the curriculum within the stipulated time period is the loss of classes due to student strikes. This problem has been completely avoided in our college by making a consensus with the students, parents, teachers and political organizations to engage classes on the strike days. If any state wide

strike is called by any student organizations, the students are allowed to register their protest during the first hour only. The loss of classes due to other reasons is quite rare. In case, if it is felt that the portions lag behind, we conduct special classes on Saturdays and additional hours before or after the usual time schedule.

2.3.11 How does the institute monitor and evaluates the quality of teaching learning?

The Academic Monitoring Cell is in charge of monitoring and evaluating the quality of teaching and learning process. They conduct periodical assessment and report the same to the staff council for appropriate measures. The PTA functions effectively in monitoring the overall efficiency of learning process. PTS meetings play a crucial role in proper evaluation and effective implementation of remedial measures. The various feedbacks enable a proper evaluation of the system and IQAC is instrumental in the effective use of feedbacks.

The Management has organized an academic retreat to foster and sustain quality along with skill developments. Besides these, an orientation programme on ICT proficiency was conducted for the faculty of the college and the neighbouring institutions. A workshop on methodology of social sciences was conducted for college teachers under Kannur University. These programmes were financed by KSHEC. Governing body meetings are periodically held to discuss the overall development of the college and faculty.

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers	0	0	6	2	13	6	27
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	0	0	6	1	1	1	9
M.Phil.	0	0	0	1	2	1	4
PG	0	0	0	0	10	4	14

Temporary teachers							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	1	0	1
PG	0	0	0	0	2	3	5
Part-time teachers							
Ph.D.	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0

- A. The management of our college selects competent teachers by advertising the vacant post in four national dailies. The applications are scrutinized and qualified candidates are asked to appear for an interview before the staff selection board comprising government nominee, subject expert nominated by the Vice Chancellor, Principal and the representatives from the Management. All the teaching faculty members are selected according to merit and performance. Qualified teachers of our institution attend orientation/ refresher courses, national/international seminars, symposium/workshop and are encouraged to present paper so as to equip themselves to meet the changing requirements of curriculum.
- B. The management organizes academic retreats, seminars by eminent resource persons, and timely goal setting programmes to inspire the teachers to update their academic proficiency.
- C. The Pius X family spirit has become a reality and it instils the experienced hands with a sense of 'we feel' which enables them to play their roles in full swing.
- D. The management of our college has introduced a Life Insurance Policy (named St Pius Mediclaim policy) for the members of staff which clearly indicates the concern of the management towards the safety and well being of the staff members.
- E. The management has taken special initiative to organize appropriate workshops and regional seminars to update and refresh the academic acumen of our faculty. KSHEC has extended financial assistance for these programmes.
- F. A vibrant staff club is a real source of inspiration, competency and entertainment. It organizes various programmes to enrich and sustain academic excellence.

G. An accommodation allowance assisted by UGC is a source of financial incentive to our faculty. The part time research scholars are given research leave both at the beginning and end of each semester.

2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

A few appointments have been made in the departments of Computer Science to handle new programming languages such as '.NET', 'SQL SERVER', 'SCRIPTING LANGUAGE' etc. In other cases, our faculty are vibrant and competent enough to deal with the topics like Biotechnology, IT, and BIO-INFORMATICS. They are empowered through participation in ICT based learning programmes, workshops, short term certificate courses and seminars. In addition to these, experts from different institutions like NIT Kozhikode, Department of Life Science, University of Calicut, Dayanand Sagar Institute of Engineering and Technology, Bangalore conduct occasional seminars to familiarize the recent trends.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

To enhance the quality of teachers, our college conducts academic retreat, staff animation programmes, orientation programme etc. every year.

a) Nomination to staff development programmes

<b>Academic Staff Development Programmes</b>	<b>Number of faculty nominated</b>
Refresher courses	8
HRD programmes	3
Orientation programmes	5
Staff training conducted by the university	8
Staff training conducted by other institutions	8
Summer / winter schools, workshops, etc.	6

- b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning

Our institution has a mechanism to empower the faculties of different departments.

- Teaching learning methods/approaches  
A two day regional seminar cum workshop on ICT based training was sponsored by Kerala Higher education Council.
- Handling new curriculum  
A workshop was organized by Kerala Higher education Council for five days to the teaching staff in connection with the changing curriculum, to face the challenges of choice based credit semester system.  
  
A two day National seminar was conducted on Methodology of Social Sciences for college teachers by the Department of Economics.
- Content/knowledge management  
Teachers equip themselves by acquiring latest knowledge from books, INFLIBNET and internet. Our librarian has envisaged a new site called YOLA through which one can acquire and update the recent trends in their specialized areas.
- Selection, development and use of enrichment materials  
Teachers are trained to use educational CDs in the class along with smart boards and LCD projector. The introduction of white board enhanced the effectiveness of teaching.
- Assessment  
At the end of an academic year Principal takes a feed back regarding all the teachers. After analyzing the feed back, Principal communicates the strength and weakness of the teacher concerned and enables them to rectify.
- Cross cutting issues  
Academic flexibility and inter disciplinary topics have become a reality in the revised CCSS system introduced in Kannur University. A clear instance of interdisciplinary approach in curriculum is the system of open course options introduced with effect from 2009 onwards. As we have different departments with competent hands, adequate changes are made to cope with the innovative curriculum. The cluster system is in the offing, when it becomes a reality, greater avenues would be available in the area of interdisciplinary approach. However, the concept of cluster

system has its own inherent bottlenecks in its successful implementation in the Kerala context.

- Audio Visual Aids/multimedia  
The faculty members are encouraged to use LCD projectors, smart boards and educational CDs to make the teaching learning experience more effective.
- OER's-open educational resources  
The facility of INFLIBNET enables every teacher to make use of open educational resources at any time. Various articles from research journals extend an extra edge to enrich the knowledge level of teachers. The ample digital resources often convert the class rooms more appealing and easily comprehensible. The teaching modules are regularly updated on the basis of OER availability.
- Teaching learning material development, selection and use.  
Each department is well equipped with sufficient teaching learning resources to prepare learning materials and power point presentations. Our library is enriched with updated educational CDs. The INFLIBNET connectivity in each department enables them to meet the requirements.
- Percentage of faculty
  - \* invited as resource persons in Workshops/ Seminars / Conferences organized by external professional agencies - 30%
  - \* Participated in external Workshops /Seminars / Conferences recognized by national / international professional bodies: 70%
  - \* Presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies: 30%

2.4.4 What policies/systems are in place to recharge teachers? (e.g.: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

The management not only appoints teachers with academic and professional competency, but also encourages them to open avenues for further development. The teachers are encouraged to undertake major and minor research projects. There are seven ongoing minor projects and one major project. The research scholars (teachers in active research) are permitted to avail leave for research purpose in the beginning and at the end of each semester. All infrastructural facilities along with advanced technology are at their disposal to follow their scholarly pursuits.

Four teachers have availed FDP under XI plan and two of them have successfully completed their Ph.D programme and resumed duty. Another two part time research scholars were awarded Ph.D during this period. One of our faculty members has successfully completed Post Doctoral Fellowship from Keele University U.K. Another faculty was selected to the State Poverty Alleviation mission, as Kudumbashree district co coordinator, Kozhikode.

The College conducts seminars and workshops to strengthen their academic calibre. The institution also promotes teachers to participate /present papers in seminars, symposia and Workshops. The management conducts seminars on academic goal setting at the beginning of the year. The annual academic retreat also recharges the faculty.

- 2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

Dr. George Mammen Associate Professor of Hindi received ‘National Vocational Excellence award in teaching, Research, Publication and Promotion of Hindi’ by Sree Lakshmi Institute of Women and Rural Development, Dharwad (Karnataka state) in 2010. The conducive ambience available in the campus inspires and motivates the teachers for academic excellence.

- 2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

Yes, the college has a three tier feed back system namely teachers appraisal by students, Programme evaluation by out-going students, Course evaluation by First and Second year students. Teachers of our college take a feed back from the students at the end of each semester as part of their performance appraisal. They enrich their teaching on the basis of these feedbacks, thus quality sustenance is maintained. One of the recommendations implemented from outgoing students programme evaluation is the up-gradation of library resources. Similar changes have been made in Language Lab and Canteen on the basis of course evaluation. The institution recognizes the importance of objective evaluation by external peers, which may be introduced in due course of time.



Besides these, the Principal takes a feed back from the students regarding teachers' performance at the end of academic year. He analyses the strength and weakness of the teacher concerned and provides timely advice.

## 2.5 Evaluation Process and Reforms

### 2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The principal explains these procedures in detail, in his introductory address to the students and their parents on the first day of orientation programme. The PTS (parent teacher and student) meeting also familiarizes this evaluation process. The college hand book provides the general guidelines on evaluation process. As it is part and parcel of the teaching learning process, our faculty members are quite familiar with it. University gives proper and detailed guidelines for evaluation which is circulated among the teachers.

### 2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

Kannur University has introduced various evaluation reforms to make the system more effective and efficient. One of the initiatives was the introduction of grading pattern in the yearly stream. On the basis of its effectiveness, the university has introduced Choice Based Credit and Semester System. These innovative practices made the evaluation more accurate. The institution prepared stipulated procedures in connection with continuous evaluation with two terminal examinations, assignment, seminar presentation or Viva and attendance in accordance with university guidelines. The terminal examinations with three hours duration (university pattern) are conducted and evaluated twice a semester. Marks /grades scored by each student are recorded in the comprehensive progress card which will be made available to the parents during the PTS meetings. These are our institutional reforms in the evaluation process. Separate registers are maintained for continuous evaluation and university marks/ grades.

### 2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

These innovative reforms and their guidelines are properly communicated by the principal in his introductory speech at the

beginning of the academic year. The Head and the tutors familiarize these reforms regularly. AMC monitors these criteria on a regular basis to materialize them effectively. The weak students are given remedial coaching along with re-tests so as to enable them upgrade their standards.

Another significant reform introduced and effectively practised in our college is PTS. It is a collective meeting of parents, teachers and students, in which the comprehensive progress report is discussed and timely remedial measures are suggested.

- 2.5.4 Provide details on the formative and summative evaluation approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

Kannur University has designed CCSS for Degree students. In this evaluation pattern both formative and summative elements are properly incorporated. The formative elements are terminal examination, assignments, seminars/ viva and attendance. The end semester examinations and project report constitute the main components of the summative evaluation. Through the formative and summative evaluation, we identify weak students and special training is given to them with FINE and remedial teaching.

- 2.5.5 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

The institution pays utmost attention towards the progress and performance of students and caters it through formal patterns like AMC- Academic monitoring Committee, comprehensive progress report, PTS- parent teacher student and PTA (Parent teacher association) meeting. AMC monitors the overall performance and meaningful implementation of teaching learning programme. The college has developed a comprehensive progress report for all semesters by which one can easily assess the performance and progress of a student at a single glance.

Another significant measure developed by the institution is the regular conduct of PTS meeting on every semester. As the terminal results are ready, the PTS meeting is held and the progress of the students is discussed. It has clearly influenced the progress of students in general especially the weak learners. PTA executive body regularly monitors the overall performance and provides suggestions for improvement. The

chart-entry exit performance analysis for last four years is summarised in Annexure I, indicates the effectiveness of these measures.

The analysis of the results of various departments as shown in the tables 5.4.1 to 5.4.6 reveals the fact that all departments were doing well. B.A. Development Economics maintained 100% pass for four years from 2005 to 2008 batch; however the results declined slightly in the subsequent years due to the introduction of semester wise grading system. The pass percentage of M.A. Development Economics is, however around 90% over the period under analysis.

The pass percentage of B.Sc microbiology increased from 93 percent in 2005 to 96 percent in 2007 and this achievement remains constant for three more years. Then it registered a marginal decline to 94 percent during 2012 due to the introduction of grading system.

B.B.A. Department made great improvement in the examination results. The pass percentage was only 63 in the year 2006 which increased substantially to 82 percent during 2012. In the earlier years the B.B.A. Department did not have permanent faculty, however in the year 2010 the state Government sanctioned four permanent Assistant Professor post which is positively reflected in the results.

B.Sc Physics maintained a high pass percentage at an average level 93 except for the years 2011 and 2012 where the results deviated to 81.25 and 70.97 respectively due to the introduction of grading system during the period.

Computer Science Department excelled very well during the period under analysis maintaining 100 percent results except for the year 2012 where the cent percent result decreased to 90 percent due to the same reason mentioned for other Departments.

2.5.6 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.)

We have achieved remarkable progress in ensuring rigor and transparency in the internal assessment with the introduction of grading pattern by Kannur University. The university at first introduced internal component on the basis of terminal examinations only. It has been gradually modified with grading pattern. The grading pattern was made more transparent with grade and grade point average. The number of internal evaluation components was increased into four as terminal

examinations (40%), assignments (20%), seminar/viva (20%) and attendance (20%). These components add up to 25% of the total weightage. It has been later updated with continuous evaluation on a five point scale. The university has given clear cut guidelines in granting adequate grade and grade points. The internal grade and GPA (grade point average) are published on the notice boards for personal verification and redressal of student's grievance. These reforms greatly enhanced the transparency and effectiveness of internal evaluation process.

Although value based education is one of our mottos, adequate grade point for this aspect is not counted by the university. However, the character and conduct certificate issued at the end of the programme is based on the overall character and conduct of the students. The class tutors regularly monitor the behavioural aspects of their wards and provide timely corrections.

The components like assignment, seminar and project ensure independent learning, original research and the process of generating knowledge. Seminar is one of the touch stones of the student's communication proficiency.

2.5.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.

Yes. As academic achievements are concerned, specially designed comprehensive progress cards along with post –admission diagnostic test result enable the classification of students into advanced, average and weak learners and thus provide adequate teaching learning experience. Remedial coaching and group learning (FINE) empower the weaker section to achieve the desired goals. FINE is a mechanism to promote group learning among students in a friendly atmosphere. Groups of weaker students under the leadership of advanced students having high profile are getting special coaching in the weak area of the course/subject so as to improve their academic performance.

Another example is the smooth conduct of bridge courses at the inception of every academic year. As English language proficiency remains the major obstacle faced by our rural students, the diagnostic test is followed by a short term bridge course in English with proper modules. It enables the students to obtain minimum proficiency cutting across their disparity in learning levels.

All these evaluative and assessment activities are under the direct supervision of individual teachers who are given the responsibility as tutors of every class.

2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

The Grievance Redressal Cell is one of the vibrant and effective bodies, which has the full potentiality of redressing the grievances of the students with reference to the evaluation at the college level.

All the internal evaluation marks are communicated to the students and published in the departmental notice boards. If any grievances are there regarding the scores in the internal assessment, the institution has a four tier mechanism for redressal of such grievances.

1. As the first step, the student is free to approach the teacher concerned with the grievances if any.
2. If the student is not satisfied at the first level, he /she can approach the grievance redressal cell of the department. Each department has a grievance redressal cell constituted with the head of the department as the chairperson and one or two senior teachers including the class teacher/ tutor as members.
3. The third level is at the college level, with the Principal as the chairperson and three senior teachers as members.
4. Beyond this level, the student can approach the University level committee if the grievance prevails.
5. As far as the university valuation is concerned, various measures are taken by the university to redress grievance, if any, as option for scrutiny, revaluation, and appeal to university redressal cell.

2.6 Student performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If “yes” give details on how the students and staff are made aware of these?

Yes, Goal setting plays a major role in achieving expected results. These goals are further subdivided into measurable objectives named five year plans (Section 1.1.1). These objectives are made public in our handbook, Library, Auditorium and other prominent places. Thus these objectives are internalized among our different stakeholders and gradually materialized.

The staff council of the college has constituted an Academic Monitoring Cell (AMC) to coordinate various teaching learning and evaluation

activities. The AMC conducts periodic meetings and it regularly monitors the teaching learning and the evaluation process, especially the examination results. It also provides timely remedial measures.

The institution has developed a comprehensive progress card for each student, along with university and internal mark registers as an evaluation blue print. The evaluation blue print gives a clear assessment of the progress of each student in the area of terminal examination, end semester examination, attendance, assignments, seminars and viva voce.

2.6.2 How are the teaching learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

The institution has well defined goals with declared vision, mission and objectives along with five year plans. Research oriented faculty is one of our objectives. Eminent faculty selection and timely up-gradation of recent trends ensure the quality of the teachers. Well-qualified faculty are selected through the transparent selection process based purely on merit. Faculty members are motivated to update their knowledge by attending and organising workshops, seminars, symposium, orientation programme etc. in the latest development of the subjects concerned. Research committee promotes research activities with adequate assistance.

An academic retreat for the teaching faculty was organized by the management to make personal introspection and remedial changes individually for the mental rejuvenation in quality up gradation and effective teaching.

The Post –admission Diagnostic Test result enables the classification of students into advanced, average and weak and thus provides adequate teaching learning experience. Remedial coaching and group learning (FINE) empower the weaker section to achieve the desired goals.

Self evaluation of teachers and student evaluation of teachers do motivate the teachers to perform in a better fashion and thus quality sustenance is ensured effectively. To achieve the same, the institution promotes the use of modern teaching learning tools such as computers, audio visual media, internet, smart class rooms etc.

2.6.3 What are the measures / initiatives taken up by the institution to enhance the social and economic relevance (quality jobs, entrepreneurship, innovation and research aptitude) of the course offered?

In order to empower students with employability, we started five Career oriented add – on courses. Among them two are financially assisted by U.G.C. Students of BSc Computer Science organized an IT Fest which really benefited the students in knowledge management. Also they organized a recruitment drive and 5 students are placed in various MNCs in 2010-11. Similarly the students of BBA organized a ‘Management Meet’, a platform to evaluate the managerial abilities and skills. College organizes “Entry in services coaching Programme” to face various competitive examinations of UPSC, KPSC, Banks, etc.

ED (Entrepreneurship Development) Club of the college promotes entrepreneurship skills in students and it has generated interest in stakeholders of the institution in the recent past. ‘Education in Human Value Programme’, funded by UGC inculcated value clarification among the students. We conducted two certificate courses with U.G.C assistance for teachers viz.,( i)certificate course on Human values and value eliciting Techniques and (ii) Value based Parenting programme . Thus the institution works as a value dissemination centre in the locality.

The institution is committed to promote best practices. All its activities are oriented towards an assiduous aim of improving the quality of its graduating and graduated students. Our students have ample choice to join any of the student organizations and clubs. Along with the regular organizations like NSS and NCC, there are many others like the Fine Arts Association, Career and Placement Cell, Tourism Club, , Sarga Sangamam (Literary Club), Women’s Cell(Manini), St.Pius X Economics Fourm, Yoga Club, Science club, B Club etc., are functioning very effectively for the overall personality development of the students.

After the previous accreditation, college implemented the CCSS system which included ICT and courses with environmental education. The institution has a dynamic research committee which takes special initiative to instil research aptitude in its components.

#### 2.6.4 How does the institution collect and analyse data on student learning outcomes and use it for planning and overcoming barriers of learning?

We have procedures to collect and analyse the hindrances to learning outcomes and implement remedial measures to remove the obstacles. The continuous evaluation process specifies a series of efforts like, class test, terminal examinations, assignments, seminars, viva voce and attendance which enables us to identify these obstacles. The comprehensive progress card provides close monitoring of the performance of each student. The PTS meetings function as the effective

tool to recommend remedial measures. The tutorial system also provides tutor-student friendly atmosphere where free interaction takes place. Remedial coaching improved the standard of weak students substantially. FINE- group learning programme helps our weak students.

The Academic Monitoring Cell (AMC) is in charge to conduct critical analysis and recommend necessary changes in the learning process. The AMC conducts periodic meetings and it regularly monitors the teaching learning and the evaluation process and provides timely remedial measures.

2.6.5 How does the institution monitor and ensure the achievement of learning outcomes?

As it is an educationally backward area, the qualities of students admitted are average and their awareness towards opportunities is relatively minimum. The Orientation and bridge courses motivate them properly to have reasonable goals. The academic counselling promotes them to opt for suitable P.G. Programmes. The institution has an enviable track record in ensuring around 80% students pursuing higher studies. Six skill based Add-on courses complement and ensure the adequate placements.

The placement and career guidance cell with financial assistance from UGC does a commendable job in providing placement services to the needy ones. The career guidance courses along with coaching for competitive examinations also help the students.

2.6.6 What are the graduates attributes specified by the college/affiliating university. ? How does the college ensure the attainment of these by the student?

The mission statement of the college broadly envisages the general objectives of each stakeholder as “to instil the students with scientific temper, and analytic mind, so as to be bloomed as knowledgeable, competent, socially committed, and patriotic citizens to uphold the various challenges of the world.” Besides these the university curriculum also specifies objectives to be attained by the students during their graduation. The teaching learning process is designed on the basis of these objectives and through their proper implementation; these objectives are inculcated among the students. NCC, NSS and various clubs, with their thrust area, internalize these objectives through their multiple activities. The EHV club does yeoman services. The healthy atmosphere with multi linguistic, culturally pluralistic , politically divergent components do a lot in moulding the young minds with these



noble notions. Besides these, leadership traits, democratic attitude and social commitment are achieved through the college union election and union activities conducted in accordance with Justice Lyngdoh commission report.

Any other relevant information regarding Teaching – Learning and Evaluation which the college would like to include.

Other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Teaching-Learning and Evaluation as follows

- a) Entry-level test to identify advanced, average and slow learners has been formalized from the year 2008-09.
- b) Revamped FINE learning process by grouping advanced learners with slow learners to motivate bright students and encourage slow learners.
- c) College Day is the day of felicitation of rank holders- recipients of Endowments, Proficiency prize for toppers in every class. The prizes are sponsored by PTA, Management, and Alumni.
- d) Meritorious alumni give talks to motivate students.
- e) Free internet facility in departments provided for students and teachers from the year 2009-10 for academic purposes.
- f) Smart classrooms for ICT enabled learning were introduced.
- g) Department- wise result analysis is done every year in Departmental staff meetings and college council. The analysis is also presented to the Governing body chaired by the Manager of the College.
- h) Computerized Student Information System to monitor attendance and progress of students launched in the year 2008
- i) Memberships in Professional bodies for faculty members –inspired them to get acquainted with latest developments in their areas. Most of our teachers became members of professional bodies like: Society for Advancement of Physics education (SAPE), Life Member of Indian Semiconductor Society, life member of Indian Economic Association (IEA), Fossils, etc.

**CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION**

3.1 Promotion of Research

3.1.1 Does the institution have recognized research centre/s of the affiliating University or any other agency/organization?

No. We have the intention to begin a regional research cum resource centre named 'SPRRRC- St Pius Regional Research & Resource Centre', with financial assistance from external funding agency.

3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.

Yes. The research committee consists of eight members with a senior faculty member as the chairperson. All heads of departments are included in the committee. In accordance with our research intentions, the research committee convenes timely meeting and prepares proper action plan. The committee promotes research by enabling potential candidates to apply for UGC programmes and monitor the progress of various research programmes by conducting quarterly meetings to evaluate the progress. Another major concern of the committee is to encourage the faculty to undertake various major and minor research projects with financial assistance from various funding agencies. These research projects are periodically monitored and necessary suggestions for improvement are given. The faculty members present research papers in front of the committee. As the committee functions along with planning forum, it has its own contribution in the formation of future plans.

Recommendations:

- a. The committee recommended to conducting periodical screening process of the minor & major research projects.
- b. It is the duty of the committee to provide necessary corrections.
- c. A research scholar may publish at least one or two articles in referred journals.

The activities of the research committee have great impact in generating research attitude among faculty and students. Many faculty members from various disciplines were encouraged to register for Ph.D programmes both on regular and part time basis. Many papers have also been published in various referred journals (Annexure II).

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/projects?

- Autonomy to the principal investigator**  
Principal Investigator is given complete autonomy over the implementation and finalisation of each project. The committee encourages and ensures the smooth conduct and completion of the programmes. Necessary and timely suggestions are provided by the research committee, if required.
- Timely availability or release of resources**  
Sufficient physical resources are made available to the aspiring research scholars by the institution. Contingency grant, if required, for the purpose of preliminary surveys and data collection will be released from the institutional fund.
- Adequate infrastructure and human resources**  
Well-equipped labs, Library, Broad band internet connectivity with INFLIBNET, Scholars Web Portal of Government of Kerala are made available. The Lab assistants, technical staff, and senior faculty members, give timely support.
- Time-off, reduced teaching load, special leave etc. to teachers**  
The research scholars, on request, are given a week at the beginning and two weeks at the end of each semester as leave for research purpose. The provision of time –off during afternoon session is permissible to active research scholars. However, they should furnish adequate proof of their serious research progress. The colleagues volunteer to share some of their teaching hours in order to reduce scholars' work load.
- Support in terms of technology and information needs**  
The institution keeps pace with the modern technology and the research fellows are encouraged to make use of the advanced technology. Ten broad band connections with INFLIBNET and Official Web-portal of Scholars of the Government of Kerala are at their disposal.
- Facilitate timely auditing and submission of utilization certificate to the funding authorities**  
The research committee monitors these activities with all necessary assistance and timely submission of audited utilization certificate/documents are made available.

□ Any other:

We availed the services of a liaison officer to appraise the availability of research projects.

3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The credit semester system has ample scope for research activities which generate interest in scientific temper, research culture and aptitude. To attain these objectives, assignments, seminar presentations and project works are incorporated in the syllabus. Students are motivated to participate in regional/national seminars and workshops. The efforts and services of the students are utilized for the field work and data collection. The above average assignments along with seminar presentations and project reports are collected and kept. Classes on basic research methodology are given to the students by eminent resource persons.

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

A remote under graduate degree college faces a number of hurdles in cherishing the highest aspirations of scholarly pursuits. As a result of incessant efforts from the side of teachers, some of our teachers have applied for research guideship.

Many of our teachers were awarded national and state level fellowships such as UGC'S major and minor research fellowships, FDP, Senior National Culture Fellowship and so on.

Dr. Sarala Goplalal Krishnan and Dr. Denoj Sebastian were awarded Ph.D and Sri. Thomas Scaria, Sri. Saji Joseph, Sri. Sureshkumar V.K., Sri. Joby Thomas, Sri. Bobby George and Mrs. Anupama were awarded M.Phil in different disciplines during the period from 2007-12. Besides that Mr. Binu P.J. and Mrs. Jijikumari T. have submitted their Ph.D thesis under FDP during the same period. Moreover, Mrs. Shiju Jacob and Sri. Biju Joseph are undergoing Ph.D under FDP. The following table shows the details of our faculty members were awarded Ph.D / M.Phil or registered for Ph.D during 2007 – 12.

Table 3.1: Details of Ph.D / M.Phil awarded or registered for Ph.D. during 2007 - 12

Sl no	Name of the faculty	Degree	year
1	Dr.Sarala Gopalakrishnan Krishnan	Ph.D	2008
2.	Dr Denoj Sebastian	Ph.D	2007
3.	Sri. Thomas Scaria	M.Phil	2009
4.	Sri. Suresh Kumar V.K.	„	2009
5.	Sri. Saji Joseph	„	2009
6.	Smt. Anupama	„	2009
7.	Sri. Boby George	„	2009
8.	Sri. Joby Thomas	M.Phil	2009
9.	Sri.Binu P.J.	Ph.D.(submitted)	2012
10.	Smt. JiJikumari T	Ph.D( submitted)	2012
11.	Smt. Shiju Jacob	Ph.D.	FDP
12.	Sri. Biju Joseph	Ph.D.	FDP
13.	Sri. Siji Cyriac	Ph.D	Registered
14.	Sri. Shino P. Jose	Ph.D	Registered
15.	Sri. Prasanth P.	Ph.D	Registered
16.	Sri. Jineesh Thomas	Ph.D	Registered

There are some ongoing projects including one major and four minor projects at present. During the last five years eleven minor projects and

one major project have also been completed. Details of ongoing and completed faculty Projects are given section 3.2.7.

- 3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students.

Details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbining research culture among the staff and students are given in annexure III

- 3.1.7 Provide details of prioritised research areas and the expertise available with the institution.

As the college offers UG programmes, there is limitation in prioritising the area of research. However many of our faculty members are actively involved in research in different disciplines. We have nine Ph.D holders in various disciplines.

- 3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?

The institution makes all efforts to bring subject expert of eminence to engage seminars / workshops/ symposium to enrich the knowledge level of the faculty and students.

- 3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?

The Concept of sabbatical leave for research has not been implemented by Government of Kerala and Universities in the state.

- 3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)

The technique of mushroom cultivation has been transferred to the students and members of Kudumsree of Kallar Grama Panchayat by the Department of Microbiology. They have also given leadership in the matter of water analysis and purification of well water in the Panchayat. As a part of waste management, Pipe Compost System has been popularised among people of Kallar Grama Panchayat under the

guidance of NSS units of our college. Tips for economising the consumption of energy were prepared by the Department of Physics and necessary awareness generated among the local community. Local people were encouraged to learn basic computer literacy by the Department of Computer science and a large number of public benefited out of this computer literacy programme. Department of Development Economics conducted a social economic survey of the Panchayat and given necessary suggestions for better progress. Department of Business administration has conducted a financial survey of the adopted Prakkayam and Manadukum Harijan Colonies, and has evolved useful financial tips for the reduced monthly budget without affecting the welfare of the people.

### 3.2 Resource Mobilization for Research

#### 3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.

Considering the present situation in the institution, there is no provision for earmarking major allocation in the area of research. However, the institution has provision to advance money to initiate the preliminary activities of the research. Besides this, the comprehensive U.G.C Schemes provide sufficient financial assistance to research scholars to undertake major and minor research projects. More than 95% of the financial allocation for conducting research activities comes from the UGC. There are many ongoing major and minor projects undertaken by the faculty. At present, four of our faculty members are on F.D.P programme. The management whole heartily encourages research activities and provides all facilities in the college for effective research.

#### 3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?

The institution has provision to advance money to initiate the preliminary activities of the research. However, most of the research projects were initiated after the sanctioning of the financial assistance from funding agencies.

- 3.2.3 What are the financial provisions made available to support student research projects by students?

The students of this institution are not highly research oriented since the college offers only five UG programmes; however, those students who are interested in undertaking minor projects are financially supported by the management and PTA. Sri. Sethu G. of Economics, received ACQUIRE Scholarship of Government of Kerala for a period of three years with a consolidated amount of Rs. 6,000/- for the first year and from second year onwards Rs. 1000/- per month to conduct a 'study of the Old Age Homes in Kasaragod District'.

- 3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavours and challenges faced in organizing interdisciplinary research.

One of the major projects financed by UGC, 'Eco-aesthetics: Theory and Practice' is an inter disciplinary research project involving language departments, sociology, politics and philosophy. The principal investigator makes use of the available experts in the campus and makes use of other experts through consultancy.

St. Pius X College considers dissemination of human values as one of its major responsibilities. Along with similar minded institutions in the locality including colleges, schools and voluntary agencies we collaborate in this respect. In 2005 U.G.C accepted the proposal submitted by the college and sanctioned 5 lakh rupees for value education. A number of workshops, seminars, Awareness programmes and research projects were undertaken involving various schools and colleges in Kasaragod and Kannur districts. College cooperates with a non profitable voluntary organisation known as V SET- Vishwa Seva Education Trust (W.W.W.vset.org) which conducts active research in developing value inculcation methods in educational institutions. We also collaborate with other colleges in the Kannur University like N.A.S College, Kanhangad and Payannur College, Payannur. In March 2010 students of the college in collaboration with two other colleges, produced a value song audio CD 'Amritam Gamaya' which was released by the Kannur University Vice Chancellor.

'Campus Plant Bio-diversity register' is a humble attempt at inter disciplinary approach to produce a bio – diversity plant register. The proposal for the programme is under the consideration of Kerala Bio-diversity Board.



- 3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?

Our institution maintains proper register book for all equipments and other facilities available. The register book provision was effective in the sharing of LCD projectors, Laptops, Digital cameras, Smart Boards etc. As we have ten broad band connectivity in various departments, library and language lab, students and staff make optimum use of these facilities. The language lab provides free internet accessibility to students and its optimum use is monitored through the register book. All available research facilities in the institution are optimally utilized by the staff and students as well as the public.

- 3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.

We have forwarded a proposal to develop a regional resource centre to different funding agencies. The college is situated in a remote, rural and backward area and has no free accessibility to industrial areas of Kerala state namely Cochin and Trivandrum. We mainly rely on UGC for financial assistance.

- 3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organisations. Provide details of ongoing and completed projects and grants received during the last four years.

The research committee is instrumental in securing various research projects for faculty members through timely intimation and adequate support. The provision of research advance enables them to begin their research on time. Details of ongoing and completed projects and grants received during the last four years are summarised in table 3.2 below.

Table 3.2: Details of ongoing and completed projects and grants received during the last four years

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
				Sanctioned	Received	
<b>Minor projects</b> 1. Dr. Asha Chacko  2. Dr. C. K. Luckose  3. Dr. George Mammen  4. Mr. Sabu Sebastian  5. Mr. Jineesh Thomas  6. Mr. Santhosh  7. Dr. K.K. Anilkumar	2006-2008	Design of a selective polymeric oxidizing agent based on permanganate fucions	UGC	Rs.50,000	Rs.50,000	Rs.50,000
	2006-2008	The Impact of Old Age Homes in the Family Structure of Kerala State	UGC	Rs.70,000	Rs.40,000	Rs.40,000
	2006-2008	A comparative study on modern Feministwriters in Hindi and Malayalam	UGC	Rs.35,000	Rs.35,000	Rs.35,000
	2006-2008	Relation between maximal simple planar graph and four colour conjecture, divisibility techniques in Vedic Mathematics	UGC	Rs.10,000	Rs.10,000	Rs.10,000
	2006-2008	A study on operators in C – Algebra	UGC	Rs.70,000	Rs.27,500	Rs.27,500
	2006-2008	The problems of Handcraft Industries in kannur	UGC	Rs.70,000	Rs.40,000	Rs.40,000
	2006-2008	Isolation and optimization of microbial Consortia for the Dry Anaerobic Digestion of Municipal solid state waste	UGC	Rs.90,000	Rs.50,000	Rs.50,000

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
				Sanctioned	Received	
8. Dr.R Satheeshkumar	2006-2008	An analysis of methods used to elicit values in formal schools- A study of Malabar region of Kerala state	UGC	Rs.65,000	Rs.52,000	Rs.52,000
9.Prasad .P.J	2006-2008	A study on value related polity and rule of law with special reference to college students of kasaragod district.	UGC	Rs.60,000	Rs.48,000	Rs.48,000
10.Dr C.K Luckose	2010-2012	Economic and Environmental impact of Ecotourism in Kerala	UGC	Rs.20,000	Rs. 12500	Rs. 12500
11.Mrs. Jijikumari T.	2010-2012	Role of German Basel mission in the Socio Economic and Technological Transformation of Malabar	UGC	Rs.20,000	Rs.15,000	Rs. 15,000
12.Mr. C. Babu	2010-2012	Role of Ayurveda in the Health care infrastructure of Kerala	UGC	Rs. 20,000	Rs.16,000	Rs. 16,000
13.Dr. George Mammen	2010-2012	Comparative study of Dalit Sahitya in Hindi and Malayalam	UGC	Rs. 1,20000	Rs.85000	Rs.85000
14.Mr. Thomas Scaria	2010-2012	Analysis of Parallel mining on shared memory multiprocessor	UGC	Rs.90,000	Rs.82500	Rs.82500

Nature of the Project	Duration Year From To	Title of the project	Name of the funding agency	Total grant		Total grant received till date
				Sanctioned	Received	
15.Mr. Biju Joseph	2010-2012	Assessment of Employability skills of final year under graduate students of Kasaragod District	UGC	Rs.55,000	Rs.37500	Rs.37500
<b>Major projects</b>						
1.Dr. Fed Mathew	2006-2008	Marati Naiks Of Kasaragod; History & Culture	Ministry of Culture, New Delhi UGC	Rs. 2,40000	Rs. 2,40000	Rs. 2,40000
2.Dr. Fed Mathew	2010-2012	Eco – Aesthetics: Theory and Practice	UGC	Rs. 4,39200	Rs. 4,11997	Rs. 4,11997
Interdisciplinary projects		Nil	Nil	Nil	Nil	Nil
Industry sponsored		Nil	Nil	Nil	Nil	Nil
<b>Students' research projects</b>						
Sri. Sethu G	Three years	study of the Old Age Homes in Kasaragod District'	ACQIRE	Rs 30,000	Rs 30,000	Rs 30,000
Any other (specify)		Nil	Nil	Nil	Nil	Nil

### 3.3 Research Facilities

#### 3.3.1 What are the research facilities available to the students and research scholars within the campus?

Some of our faculty members are part time research scholars and they make use of our Science laboratories, digital Library, Language Lab and INFLIBNET. The language lab with Internet connectivity is open to all students and department computer labs are also easily accessible. One of the objectives of CCSS is to generate research interest among the students from undergraduate level onwards. Sixth semester students have to undertake a minor research project in connection with practical application of theories in their respective fields as partial requisite for the academic programme. They submit their research reports within the academic calendar.

#### 3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

The bodies like IQAC, Planning board and Research Committee, are responsible for formulating these strategies. They forward timely recommendations to the staff council and the management.

#### 3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes', what are the instruments/ facilities created during the last four years.

We have forwarded a proposal to develop a regional resource centre to different funding agencies. The college is situated in a remote, rural and backward area and has no free accessibility to industrial areas of Kerala state namely Cochin and Trivandrum. The institution has received many minor and major projects funded by different agencies.

#### 3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

CCSS has the objective of generating knowledge that may be begun from undergraduate onwards. Assignment and seminar are part and parcel of all programmes. The fifth and sixth semesters have project assignments whereby research aptitude and proper methodology become familiar to the budding scholars. The language lab with Internet connectivity is open to all students and department computer labs are also easily accessible. The qualified and experienced faculty

extends consultancy services; research scholars approach us for academic consultancy. Students, doing PG and MPhil projects approach the experienced faculty to conduct and supervise research projects as partial fulfilment of their academic pursuit. The institution extends all academic support.

- 3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

The central Library along with departmental libraries provides up to date resources. The INFLIBNET has sufficient e-resources for all scholars to pursue serious research. The humble attempt to form a regional resource centre (RRC) along with a museum is at the initial stage. It is hoped that it would become a potential centre of research in humanities and cultural studies in future.

- 3.3.6 What are the collaborative researches facilities developed / created by the research institutes in the college? For ex. Laboratories, library, instruments, computers, new technology etc.

As it is not a research institute, the college was not able to develop/create any special research equipment / facility. Post graduate level research projects are prepared under the supervision of our faculty members. A number of minor research projects have been undertaken every year. A proposal has been forwarded to the Kerala Bio-diversity Board to collaborate in the formation of Campus plant biodiversity register.

#### 3.4 Research Publications and Awards

- 3.4.1 Highlight the major research achievements of the staff and students in terms of  Patents obtained and filed (process and product) - NIL  Original research contributing to product improvement - NIL  
Research studies or surveys benefiting the community or improving the services

As per the request from SIEMAT, Government of Kerala, Dr. R. Satheesh Kumar, Dept. of Development Economics conducted a research study and submitted report on the introduction of the “Methods for inculcation of human values in Kerala schools” .

The college has conducted a few economic and social surveys for the adopted colonies in the Kallar Grama Panchayath which enabled them as basic data for the planning and implementation of developmental projects.

The computer science department conducted a series of basic computer literacy programmes for the Kudumba Sree units and adopted colony. It was instrumental in the transformation of rural community to receive the advantages of modern technology.

The Microbiology department conducted training programme in Mushroom cultivation for the local people.

Research inputs contributing to new initiatives and social development

The first book on Marati community, one of the original tribes found in this backward district Kasaragod, entitled 'Marati Naiks of Kerala: History and Culture' (2013) by Dr. Fed Mathew, enabled them to recapture their tribal identity. The community was excluded from the scheduled list on tribes on the basis of the observation made by Kirtadas. However, recently they have been again included in the reservation category. The book categorically established their tribal identity.

Another book named 'Eco-aesthetics - a Theoretical Approach' (2013) by Dr. Fed Mathew is a seminal book in the emerging field of eco-theorization. It would provide an adequate orientation to the study of ecology in connection with literature.

A book on modern Hindi literature entitled 'Swathantraandhara Hindi Upanyas oor Adhunikatha bodh' (2006) by Dr. George Mammen opened up new vistas of social interaction through literature as a means of social intervention.

3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

No. It is proposed to start an e-journal named St Pius journal of Arts and Science (SPJAAS) in the near future. It is planned as a quarterly issue. The Editorial Board shall consist of the principal, the vice-principal and the research committee. Any original contribution as a result of research can be accepted for publication. Both external and internal scholars would publish in this journal.

3.4.3 Give details of publications by the faculty and students:

Publication per faculty – 1.1

Number of papers published by faculty and students in peer reviewed journals (national / international)	: 30
Number of publications listed in International Database (For Eg: Web of Science, Scopus, and Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	: NIL
Monographs (Marati Naiks of Kerala: History and Culture)	: One
Chapter in Books	: 5
Books Edited	: NIL
Books with ISBN/ISSN numbers with details of publishers	: NIL
Citation Index	: NIL
SNIP	: NIL
SJR	: NIL
Impact factor	: NIL
H-index	: NIL
Identify others too	

3.4.4 Provide details (if any) of research awards received by the faculty:

Dr. George Mammen Associate Professor of Hindi received ‘National Vocational Excellence award in teaching, Research, Publication and Promotion of Hindi’ by Sree Lakshmi Institute of Women and Rural Development, Dharwad (Karnataka State) in 2010. Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally:

Our NSS units and the programme officer Sri. Regunath P have been selected as the best unit and best programme officer under Kannur university in the year 2010-2011.

Incentives given to faculty for receiving state, national and international recognitions for research contributions. Cash awards and memento presented to the faculty.

3.5 Consultancy

3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

Considering the remoteness of the place and level of courses offered by the college there is strong limitation for the establishment of institute – industry interface in a productive manner. However,



possible efforts are being made to establish institute – industry interface. As the part of curriculum, students of BBA department are involved in-plant training and they prepare a project report based on the training they received from industry. Students of other departments also conduct industrial visit during the course of their programme.

- 3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The scope for constancy is rather limited in the light of industrial /educational backwardness coupled with remoteness of the institution. Necessary consultancy service is provided to the needy customers and institutions. The policy matter in connection with the promotion of consultancy is publicized in the official Web Site and through brochure.

- 3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

As service is our motto, financial benefit is not an element of primary consideration. The teaching staff of various departments are encouraged to utilize their expertise and provide consultancy service to needy customers by granting them duty leave and TA/ DA as per the existing norms. They are also encouraged to utilize the laboratory and other facilities of the college for providing necessary consultancy services.

- 3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.

Our areas of consultancy are given below:

- Consultancy service in the area of Education in Human Values (EHV) for teachers, students & parents of both Schools and colleges of Kasaragod and Kannur districts are being conducted.
- Consultancy service is also provided to the teachers of schools and colleges in the field of Soft Skill Training to students.
- Academic consultancy is extended to educational institutions and research scholars.
- Technical consultancy is also given to the needy customers with the help of ICT oriented training.
- These consultancy services are provided by the faculty free of cost and have no intention in making revenue from these activities.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?

The institution provides consultancy services free of cost and therefore the need for sharing of income did not arise.

### 3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

The college has been established in this remote region with the noble vision to remove discrimination in all round development of this locality through grass root level intervention. The institution tries to promote the overall development of the community through institution –neighbourhood –network, strengthened by using the services of staff and students. In order to ensure the up-liftment of the students to the standard of good citizenship and holistic personality, each major department conducts minimum one extension activity every year. Under ‘Adoption of a village scheme’ one ST-Marati colony, Parakayam was selected and various outreach programmes are undertaken. The following table 3.3 shows the various extension activities undertaken by the departments.

Table 3.3: Various extension activities undertaken by the departments.

Dept	Activity	Place	Year
Micro ology	1) Drinking Water quality analysis	Adopted colony in Kallar Grama panchayath & Kanhangad Municipal area	2008 onwards
	2)Blood grouping and Rh typing	In and around the college	2006 onwards
Physics	Energy conservation	Adopted colony in Kallar Grama panchayath	2008 onwards
BBA	Financial Management	Adopted colony in Kallar Grama panchayath	2008 onwards
Economics	1) Value based programmes (3 workshops, two certificate courses and	Kasaragod and Kannur districts	2006 onwards

	35 awareness programmes) for students/teaches and parents.		
	2) Coaching classes for competitive examinations conducted by central/state govts. ,banks etc employment for minority community(with UGC assistance )	Rajapuram and kanhangad area	2008 onwards
	3) Human rights education programmes for students and public (with UGC assistnce )	Rajapuram and kanhangad area	2011 onwards
	2)Economic survey & prescribing remedial measures	Adopted colony in Kallar Grama panchayath and Manadukam, panathady panchyath	2008 onwards
Comp. Science	computer literacy	Adopted colony &Kudumshree CDS members in Kallar Grama panchayath	2008 onwards

Another extension activity is the provision of drinking water to the nearby colony. It is made available through the water harvesting programme of Government of Kerala named Jananidhi.

The college through its value education programme provides training to school / college teachers and students to transform their personality with character and integrity. Institution conducted two certificate courses during 2006-07 using UGC funds for teachers on “value inculcation methods “and “value based parenting”. Nearly 100 teachers benefited from this facilitator training programme which in future will benefit both the students and parents of their respective institutions.

The NSS volunteers initiated a commendable programme of waste management in Kallar Grama Panchayath through the eco-friendly technology of Pipe Compost, promoted by Kerala Government.NSS volunteers have visited various families and gave proper awareness

regarding the importance of waste management through pipe compost technology. They have also supervised the installation of pipe compost technology in many houses in Kallar Gramma Panchyath. Besides these, they have undertaken various extension activities like, construction of roads, maintenance of various schools, cleaning of primary health centre and public places, blood donation, etc.

These noble engagements enable the students to foster social commitment along with service mentality. These programmes envisage the holistic development of our students and thus it accomplishes the motto of the college.

3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?

The college has an effective mechanism to monitor various co curricular activities which would promote patriotism and civic sense among the students. The elected students union under the presidential system of election provides the students an opportunity to familiarize with democratic mechanism and leadership qualities. The various activities of the union is planned and discharged under the guidance of the principal and a staff advisor.

The arts club of the college conducts extracurricular activities in an exemplary manner under the guidance of a staff Co-ordinator and a few other staff members. The political code of conduct of the college also provides ample freedom to each student to join in any of the students organizations and participate in their social activities. These activities promote the students to take up social issues and familiarize them with citizenship roles.

The various clubs like Nature club, women's cell, EHV club etc undertake different activities to address social issues. These clubs have their own staff animators to coordinate all these activities.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

The perception of the stakeholders is gathered by the institution in order to understand the overall performance and quality. The examination results of the university, performance in arts, sports, NSS,

NCC and other extra curricular activities at the university level are also used as indicators of the performance and quality. The overall opinion about the performance of the college is also collected from the

neighbouring colleges and other educational institutions, besides that of the local public and PTA. Furthermore, the institution follows a

series of feedbacks from stake holders to assess their perception on the performance and quality of the college. Various feedbacks like student feedback of teachers, teacher's feedback taken by the principal from the students and students' feedback on college campus facilities are regularly taken. Analysis of the above feedbacks collected from stakeholders provides us an understanding of the overall performance and quality of the college. Accordingly, necessary improvement is undertaken to enhance the performance and quality.

- 3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.

Extension activity has been given due importance in the five year plan (as a look for the locale) and each department has to undertake minimum one major extension activity. In accordance with our motto (for God and for people) social commitment has been given maximum importance and it is inculcated in the young hearts through planned extension activities and outreach programmes. . NSS volunteers and NCC cadets are given academic weightage in the form of grace grade for degree programme and grace marks for admission to higher studies. It was one of our healthy practices to conduct regular extension activities in our locality. Detailed extension programmes are exhibited in section 3.6.1(table 3.3).

Even though there is no separate and substantial budget allocation for extension activities, sufficient fund is mobilized from various departments, PTA, NCC, NSS etc. Details of the fund allocation for last four years are given in table 3.4. The outreach programmes undertaken by the institution is having great impact in the overall personality development of the students.

Table 3.4: Details of fund allocation for last four years

Year	Fund allocation (RS.)				
	NCC	NSS	PTA	Departments	
2008 - 2009	56000	24101	266994	PHYS MICRO Computer BBA DEVT. ECO.	45039 13695 13695 70000 45000
2009 - 2010	56000	15730	246250	PHYS MICRO Computer BBA DEVT. ECO.	49461 22089 30000 70000 45000
2010 - 2011	56000	18686	266994	PHYS MICRO Computer BBA DEVT. ECO.	49400 29110 30000 70000 45000
2011- 2012	56000	13368	269310	PHYS MICRO Computer BBA DEVT. ECO.	55729 20275 30000 70000 45000

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

Institution encourages and promotes the participation of students and faculty in extension activities through various organisations such as NSS, NCC, Jesus Youth, etc. We have undertaken various outreach programmes in liaison with different Social service organizations as MASS (Malabar Social Service Society), JCI, Lion's club International, Rotary, Sri Sathya Sai Seva Organization, Ananda Asram, Nithyanda Ashram .etc. NSS and NCC activities are given academic weightage in the form of grace grade for degree programme and grace marks for admission to higher studies. The major activities of NSS and NCC units of our college are presented as follows:

#### Activities of NSS

A medical camp (Ophthalmology) was conducted by our NSS unit in association with Lions Club of Kahangad. More than 200 patients were examined and 40 spectacles were distributed free of cost. Further, nine people had undergone surgery. NSS volunteers attended five university

level residential camps, held at various institutions. Five volunteers were selected as para legal volunteers by the legal service committee. Chikun Gunia eradication, Legal Awareness Programme etc. was the other major events organized during the 2008 -2009.

With the co -operation of Kerala State Aids Control Society and District Hospital, Kanhangad, NSS unit conducted a blood donation camp in our college. 38 students have donated their blood. 24 volunteers also donated their blood in blood donation camp conducted at Blood Bank, District Hospital, Kanhangad. Two of our NSS volunteers, Roopesh A. and Harini M.V. have taken part in 7 days National Integration Camp, conducted by the Ministry of Youth and sports, Government of India. Ratheesh V. and Remya M. Took part in eight and five day State level camp on National Integration and Communal Harmony, conducted by Sri. Sankaracharya Sanscrit University, Kalady. Sumith U. and Mufeeda have taken part in 5 day state level camp on Environmental issues, conducted by Kerala Agricultural University.

#### Activities of NCC

It was a year (2008) of several laurels for the NCC Unit of the college. Sgt Supraba P and Regesh B. of Second B.Sc Microbiology attended the Republic day camp at New Delhi in 2008. Sgt Supraba P lead the cultural group, participated in several events including in Rajpath March and received chief ministers price money for the best performance in the RD camp. Sgt Supraba P. of Second B.Sc Microbiology awarded the best performance in the Republic day camp at New Delhi in 2008 and won gold medal and CPL Regesh B. of Second B.Sc Microbiology won the gold medal in classical dance in the Republic day camp at New Delhi in 2008. Lance Corporal Roshan Jose and Lance Corporal Radhika M. of Second B. Sc. Physics of our college attended Thal Sainik Camp at New Delhi, in 2009, a centralized camp commanded by the Director General of NCC Lieutenant General Prakash Choudhari. Miss Radhika M. won the gold medal in the Kerala inter group competition in obstacle crossing. Former Senior Under Officer (SUO) Augustine Joseph of III B.Sc. Physics got placement as Radio Operator in Army Technical Wing by virtue of his NCC cadetship. He was the only SUO of this unit during 2007 -2008 and was the only one NCC entry to Army from the entire group of Calicut which consists of 9 Battalions. B certificate holder Cadet Naveen Kumar of II B.Sc. Physics got placement as Airman in Indian Air force during this year. Cadet Vijay Chand and Cadet Ashna were placed in the 5th and 6th ranks in Kerala entrance examination under NCC quota. Vijay Chand is studying in Govt Engineering College and Ashna in Trissur Ayurveda medical College.

Mr. Navaneeth Krishnan of second year Microbiology was selected as the best NCC cadets of Calicut group. He won Silver medal for the inter group competition in health and hygiene and was a nominee in the same in the Thal Sainik Camp New Delhi.

UO Sudheesh Kumar T of II Economics attended Thal Sainik camp at New Delhi (from 23-10-2010 to 03-11-2010)

- 3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?

Institution has undertaken several programmes in the form of social survey, research and extension work to ensure social justice and empower students from under – privileged and vulnerable sections of society. The department of development economics conducted socio-economic surveys in Manadukkam tribal colony. Various departments like physics, computer Science, microbiology and BBA conducted various extension works such as energy conservation, computer literacy, drinking water analysis and financial management.

A major and many minor projects funded by UGC focused on various vital issues facing the society are conducted by the faculty members of the institution. These are summarised in section 3.2.7. There is also an Equal Opportunity Centre (EOC) functioning in the institution especially for bridging the gap between the disparities in educational opportunities of students. These activities have greatly helped in ensuring social justice and empowering the students belonging to under-privileged and vulnerable sections of society.

- 3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

All the departments conduct extension programmes every year by which the students involved in these activities acquire service mentality along with social commitment. Their close interaction with the downtrodden enables them to be compassionate and also to be familiar with the harsh realities of life. As it is in the village atmosphere, it provides rich lessons of practical skill and wisdom from real life events.



- 3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

We have undertaken various outreach programmes in collaboration with different Social service organizations as MASS, JCI, Lion's club International, Rotary, Sri Sathya Sai Seva Organization, Ananda Asram, Nithyanda Ashram .etc. Institution provides awareness to the local community about its outreach programmes and its various benefits to them. Thus the sincere participation and support of the local people are ensured. ST.PIUS MEDI - CLAIM insurance was introduced with the help of Malabar Social Service Society. Computer literacy activity with the participation of Kudumbashree units of Kallar Gramma Panchayath is one among the main extension activities. A Blood grouping camp was conducted by Department of microbiology in collaboration with Muthoot Fincorp, Kanhangad. A medical camp (Ophthalmology) was conducted by our NSS unit in association with Lions Club of Kahangad. About 200 patients were examined and 40 spectacles were distributed free of cost. Chikungunya eradication, Legal Awareness Programme etc. was the other major events. With the co-operation of Kerala State AIDS Control Society and District Hospital, Kanhangad, NSS unit conducted a blood donation camp in our college. Six village roads were constructed by NSS volunteers with the whole hearted support and participation of the local community. Besides these, maintenance & repair of six nearby schools and construction of eco-friendly waste dumping pits were undertaken by the volunteers.

- 3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The Education in Human Values (EHV) club of the college in collaboration with NAS College Kanhangad, Payyannur College, and EKM Govt College Elayarathattu conducts "sahavasa camps" every year for inculcating human values. Value club of this institution in collaboration with Payannur College and N.A.S college, kanhangad, created an audio CD of value based songs named "Amritam gamaya" in 2010, which was released by the Kannur University Vice Chancellor. We also collaborate with MASS in undertaking various outreach programmes like ST PIUS MEDI CLAIM insurance.

- 3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

Our NSS unit and the programme officer Sri. Raghunath P has been selected as the best NSS unit and best programme officer of Kannur University respectively in the year 2010-2011. In the earlier years also the institution has bagged the best NSS unit and best NSS programme officer awards of the state. Our institution has been selected as one of the institutions in Kasaragod district under the National Rural Health Mission (NRHM) teenage programme.

### 3.7 Collaborations

- 3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.

Many UGC sponsored minor and major projects are undertaken by the institution. Two faculty members are doing research under FDP of UGC XI plan. Few faculty members completed research work under FDP in various disciplines. EHV club has organized two national workshops for college students in collaboration with nearby colleges. The institution is having a strong intention in preparing a plant biodiversity register of the college campus in collaboration with the Biodiversity Board of Kerala Government. The preliminary activities for the same have already been initiated.

- 3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

The institution has its own limitations in establishing MoUs/collaborative arrangements with institutions of national importance/other universities industries owing to the very fact that it is in an infant stage with only five UG programmes. However, the institution is having collaborative arrangements with Meridian College, Mangalore, Modern Bread Industries, Cochin, Malabar social service Society, JCI, Chullikara, Lions club of Kallar, etc. The association with this institution has greatly helped in improving the administrative and academic activities of the college.

- 3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support,

infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.

The final semester students of BBA undergo regular industrial internship and it provides in - plant training. This project enables them to have firsthand experience of the practical application of the theory in an industry. The interaction with industry especially Milma Unit of Kasaragod District is instrumental in placement services. A few of our students got employment in their units.

- 3.7.4 Highlighting the names of eminent scientists/participants who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

College organizes national conferences which are summarized in annexure III. List of eminent scientists /resource persons and their contribution in national seminars organized by the college are summarized in Table 3.5.

Table 3.5: List of Eminent Scientist / resource persons and their contribution

Sl. No.	Name of the Department	Name of National Seminar	Year	Name of Eminent Scientist / resource person	Contributions in the seminar
1	Devt. Economics	Eco-tourism	2005	1. Sri K.G. Mohanlal IFS, Director(Eco – Tourism Division, Government of Kerala 2. Dr. K. Gangdharan, Co – Ordinator, Dept. of Applied Economics, Kannur University 3. Dr. Vijaykumar, University College, Trivandrum	Eco – Tourism: Principles and Concept – case study of Thenmala Eco – Tourism Socio – Economic Impact of Tourism Industry in Kerala with Special Reference to Eco-Tourism Eco – Tourism and Sustainable Employment Exploring Avenues

				<p>4. Prof. P.A. Rego, Dept. of Economics, Mangalore University</p> <p>5. Dr. Robinet Jacob, HOD, Travel and Tourism Management, Pazhissiraja College, Pulpalli</p> <p>6. Dr. S. Sanker, Scientist, KFRI, Peechi, Thrissur</p> <p>7. Dr. V.P. Raghavan, Principal, SES College, Sreekandapuram</p> <p>8. Dr. K.G. Narayana Pillai, Former D.C.D.C., M.G. University</p>	<p>Role of Eco – Tourism in National Integration</p> <p>Sustainability and eco – practices in Tourism</p> <p>Environmental and social Impact of Eco-Tourism Projects</p> <p>Economy of Eco-Tourism in Kerala</p> <p>Impact of Eco – Tourism on Environment</p>
2	Physical Education	Health and Wellness	2006	<p>1. Dr. K. Sreedhar, Reader, Department of Physical Education and sports sciences, Annamalai University</p> <p>2. Dr. Usha S. Nair, LNCPE, Trivandrum</p> <p>3. Mr. Devakumar, Lecturer(Senior Grade), Zamorin's Guruvayoorappan College, Kozhicode</p>	<p>Cardiovascular disease (CVD) risk factors and physical activity</p> <p>Improving fitness through life style activities</p> <p>Health and Wellness</p>

				<p>4. Dr. Jose T.P., Sel. Grade Lecturer, Martheophilus Training College, Trivandrum</p> <p>5. Dr. T. Vijayakumar, Director, School of Health Sciences, University of Calicut</p> <p>6. A. Saifudheen, Head of the Det. Of Physical Education, P.S.M.O. College, Tiruangadi</p> <p>7. Dr. K. Vijay Kumar, Sr. Lecturer, V.T.M.N.S.S. College, Dhanuvachapuram</p> <p>8. Dr. E. Sreekumaran. Lecturer in Physiology, Department of Life Sciences, University of Calicut</p>	<p>Science of Aerobics</p> <p>Cholesterol : Facts and Fiction</p> <p>Diabetes – The Silent Killer</p> <p>Exercise Prescription and Precautions for Diabetes</p> <p>Sports and mind matters in life</p>
3	Microbiology	Quality Management System and HACCP for Food Industries	2007	<p>1. Dr. Ananthavally Consultant FAO, WHO</p> <p>2. Dr. Jaydeep Sr. Scientist, CFTRI, Mysore</p> <p>3. T.O. Suraj IAS Director, Dept of Industries &amp; Commerce, Government of Kerala</p>	<p>HACCP</p> <p>Environmental management for food Industries</p> <p>Kerala Bureu of Industrial Promotion by role addends</p>

			4. Dr. Somasekhara Sr. Scientist, R & D, CAMIN Industries, Chennai	ABS System in food quality management
			5. Dr. Viaykumar, Director, School of Health Science, Calicut University	Food contaminants

The name of the faculty members who have participated in the international seminars are given in the Annexure IV.

3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated –

a) Curriculum development/enrichment

Association with Meridian College affiliated to Mangalore university has positively contributed in the development of curriculum during the introduction of CCSS in Kannur University.

b) Internship/ On-the-job training

We send our students to undergo in-plant training in various organizations. The students receive required training from the industry for a period of one month during the programme of study. Few of our students got regular appointment in MILMA, a state government undertaking, through these collaborations.

c) Summer placement: one of our faculty members was selected for the summer research programme at National Physical Research Laboratory (NPL), Delhi in the year 2009.

d) Faculty exchange and professional development: NIL

e) Research

Research committee of the college functions very effectively and many of the faculty members have undertaken various major and minor projects with financial assistance from UGC.

f) Consultancy

Details of the consultancy services are mentioned in section 3.5.4.

g) Extension

Various useful extension activities are being undertaken by the institution which is detailed in the table 3.3.

h) Publication

List of publications of the faculty members of the college is given in Annexure II.

i) Student Placement

The students who pass out from this institution secure placements easily in various reputed firms, government, semi government and other private companies.

- j) Twinning programmes: NIL
- k) Introduction of new courses: M.A. Development Economics was started in the year 2005 as a self financing course. Even though, college has applied for many PG programmes, government has not sanctioned due to financial constraints.
- l) Student exchange: There is no provision for student exchange in Kannur University.
- m) Any other: NIL

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

The institution has its own limitations in establishing linkages/collaborative arrangements with other institutions and universities owing to the very fact that it is in an infant stage with only five UG programmes. However, efforts have been made to initiate linkages/collaborations with institutions like Meridian College, Mangalore, Modern bread Industries, Cochin, Kerala Sangeetha Nadaka Academy, Thrissur.

Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

The research committee takes special efforts to motivate the faculty to apply for major and minor research projects. During the last five years after accreditation, one major and eleven minor projects have been completed and at present there are 4 ongoing minor and 1 major projects.

## **CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES**

### 4.1 Physical Facilities

#### 4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

St. Pius X College from its very inception has given much importance to the development of the best infrastructural facilities for the Curricular, Co-Curricular, and Extracurricular activities of its stakeholders. The College is built up in a naturally beautiful hilly and rural area of Kasaragod District in Kerala State with an environment friendly green campus of 25 acres. The management gives proper attention to increase the infrastructural facilities on a continual basis. The College has the necessary physical infrastructure to meet the demands of the various programs of study, which have been re-structured for the Choice based Credit and Semester System (CCSS).

The policy of the institution is to prepare a priority list, which is a product of comprehensive discussion among the stake holders, to be materialized in a span of five years. The alteration in the list may be done in the governing body considering the suggestions from the staff council and planning board held at the beginning of the academic year. The UGC project proposals are prepared on this basis and Management lavishly contributes towards the matching grant. The PTA and management also take their own initiatives to enhance the physical infrastructure.

#### 4.1.2 Detail the facilities available for

- a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

The following infrastructure facilities are available for Curricular and co-curricular activities:

- The main college building has 17 spacious class rooms, five laboratories for science subjects, staff rooms and departmental libraries and computers with internet access.
- Smart Class rooms.
- A language lab, besides four science laboratories
- Reprographic facility
- Computer Labs in the Department of Business Administration and Development Economics.



- Seminar hall
  - Reading room in General library
  - Career Guidance and Counselling centre
  - Distance Education Centre
  - Audio-visual Facilities
  - Co – operative Store (For staff and students)
- b) Extra – curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.

Infrastructure facilities available for Extra-curricular activities and sports are: The College has a multipurpose play ground which is newly constructed with an area of 110 X90 m (200 m track). We also provide the following facilities.

- Basketball Court
- Volleyball Court
- Ball Badminton Court
- Shuttle Court
- Handball Court
- Khabady Court
- Fitness Centre with Gymnasium
- Yoga training

Facilities for playing Table tennis and Chess are also available.

The college has the following facilities for NSS, NCC and other activities:

- NSS room
- Auditorium
- NCC room
- Seminar Hall

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/ campus and indicate the existing physical infrastructure and the future planned expansions if any).

The Planning and utilization of budget allocation for various activities are effectively monitored by the following committees to ensure its optimal as well as timely utilization.

- The Governing body of the College.
- The College Council.
- The College Planning Board.

The technical advisory committee, consists of Heads of various Departments, is in charge of the purchase of the instruments and equipment for the respective departments.

The following infrastructure facilities have been built during the last four years. The amount spent is shown against each item shown in Table 4.1.

Table 4.1: Infrastructure facilities and amount spent for last four years

<b>Infrastructure Facilities</b>	<b>Amount Spent (Rs.)</b>
Completion of the PG Block and Seminar hall	17,00,000.00
A new car shed	60,000.00
Play ground with 200m track	25,00,000.00
Furnishing third year Class rooms with Nickel coated chairs with writing pad	3,04,000.00
Generator & generator room	3,45,000.00
Science lab furnished with more equipments	50, 00,000.00
A language lab	5,00,000.00
New Auditorium on the top floor	25,00,000.00
Smart class rooms	12,00000.00
Innovation of canteen	7,00,000.00
Arch & gate	5,00,000.00
Modification of wiring of the whole building	9,50,000.00

Master plan is enclosed (Annexure V).

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

At St. Pius X College, the differently -abled students are well attended with empathy. Our physically challenged categories of students are very few, who require special infrastructural facilities. However, the institution caters for the special academic needs of these students.

4.1.5 Give details on the residential facility and various provisions available within them:

- Hostel Facility – Accommodation available
- Recreational facilities, gymnasium, yoga center, etc.
- Computer facility including access to internet in hostel
- Facilities for medical emergencies

- Library facility in the hostels
- Internet and Wi-Fi facility
- Recreational facility-common room with audio-visual equipments
- Available residential facility for the staff and occupancy Constant supply of safe drinking water
- Security
- Women's Hostel  
Capacity: 100 Students.  
Number of Rooms: Double rooms-2, Rest as Dormitories of 5 inmates.  
Recreational Facilities
- Study Hall, Prayer Hall, Visitor's Parlor, Dining Hall cum TV Room. Outdoor games are conducted in the premises itself during occasions like Onam celebrations.
- No computer/internet facility in the Hostel.
- The first aid centre is available. Hospital and community health centre are nearby for emergency situations.
- A library is available for inmates. The books are issued to inmates weekly. The warden and the hostel secretary (student) are in charge of the library.
- The UGC financial assistance for accommodation of teaching staff is availed by four of our teachers. Residential facility for staff is under consideration. Constant supply of Purified drinking water facility is available
- Security: Two night watchmen are available

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

The first aid facilities are available. The needy students are provided with emergency medical assistance as the hospital and community health centre are nearby. Medical camps are conducted every academic year. Purified drinking water supply, fitness centre with gymnasium and Yoga training ensure and promote proper health care.

4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counselling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

The following common facilities are available in the Institution

- IQAC room (Grievance Redressal unit)
- Women's cell with Ladies' rest room
- Counselling & career guidance room

- Fitness centre
- Canteen
- Auditorium
- Play ground
- Indoor games facility
- Staff club
- Purified Drinking water supply
- Separate parking facilities for both staff & students.
- Intercom- connecting all departments and office
- Free internet access in all departments
- Language lab for internet browsing, printing and scanning
- Co – operative store
- Separate rooms for NCC & NSS units.

#### 4.2 Library as a Learning Resource

##### 4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes. Library Advisory Committee is constituted for timely advice, allocation of funds to various departments according to their requirements, recommendation regarding the subscription of various journals and periodicals and overall supervision of the library.

The Library Advisory Committee consists of the following members:

- 1 Dr. C.K Luckose, Principal (Chairman).
- 2 Dr. Thomas Mathew (Vice Principal)
3. Sri. Suresh Kumar V K, - Librarian (Secretary)
4. Dr. George Mammen, HOD of Hindi
5. All the Head of the Departments.
6. College Union Chairman (Student Rep)

The responsibilities of the Library Advisory Committee are as given below:

1. Work in tandem for the smooth and systematic functioning of the library.
2. Allocation of the fund for the purchase of books and journals.
3. To give approval to the list of books to be purchased by various Departments.
4. Act as an instrument for the timely up- gradation of the facilities of the library and to create an environment for augmenting the teaching and learning process.
5. Conduct of the stock verification every year.

The following innovative steps have been recommended and implemented by the advisory committee:

- Introduced digital bar-coding system
- Bar-coded library ID card
- Free internet browsing
- Extended working hours
- Yola Site – digital space for free, speedy browsing

4.2.2 Provide details of the following:

Total area of the library (in Sq. Mts.)

The library has a Reading hall of 497.25 sq ft (46.24sq.m) area, stack room of 507.5 sq.ft (47.2 sq.m) and a reference area of 356.2 sq.ft (33.13 sq.m).

Total seating capacity

The total seating capacity of the library currently is 160.

Working hours (on working days, on holidays, before examination days, during examination days, during vacation)

On working days the working hours is from 9 am to 5 pm. except Government holidays. On Saturdays the working hours are 9.30 am to 4.30 pm.

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

Yes. The Library has separate broad band Internet connectivity, for the students and the staff, with unlimited download facility. The facility is offered free of cost for the students and the staff. The library has attached reprographic facilities. Newcomers are introduced to the library system with an orientation class. Outsiders are allowed to use the library with special permission. The college has a special library web site, which is a collection of networks, to provide necessary links to various knowledge portals as per the needs of the student community and other users of this web site.

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Library holdings	Year1 (2008-09)		Year 2(2009-10)		Year 3(2010-11)		Year4 (2011-12)	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text books	748	157282	1498	345338	746	121947	602	175898
Reference Books	81	20976	95	32898	113	60373	70	35000
Journals/Periodicals	06	1470	11	31760	08	9170	05	2128
e-resources	Nil		N-LIST	5000	N-LIST	5000	N-LIST	5000
Any other (specify)	Nil		Nil		Nil		Nil	

Allocation of funds for the purchase/subscription of books/journals is done by the Library Advisory Committee of the College. Every year, the Head of each Department prepares a list of books to be purchased as per the requirements of the students and as demanded by the curriculum and syllabus revision, which will be approved by the Library Advisory Committee. On an average, 1000 new books are added to the library every year.

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

OPAC

YES, online public access catalogue, facility is available.

Yes. The Library is having broadband Internet connectivity which is quite sufficient for the use of students. Besides this, there is a language lab with 9 systems with broad band Internet connectivity and have unlimited download facility. Language lab provides facilities for taking hard and soft copies of downloaded material. It functions from 9 am to 6 pm.

Electronic Resource Management package for e-journals

Yes. INFLIBNET –ENLIST provides thousands of e-journals.

Federated searching tools to search articles in multiple databases

No.

Library Website

Yes. The college has a special library web site, which is a collection of web portals links, to provide necessary links to various knowledge portals as per the needs of the student community and other users of this web site. (www.st.piuslibrary.yolasite.com)

In-house/remote access to e-publications

Yes. Teaching and non teaching staff members are provided with user ID and password. Student's access is under negotiation.

Library automation

Yes, Book magic software is used.

Total number of computers for public access - 4

Total numbers of printers for public access - 1

Internet band width/ speed - 1 Gbps

Institutional Repository

Yes. A Digital Repository is specially formed in the library to save, share and search digital research materials including university question papers, PG dissertation, scholarly articles, images etc.

Content management system for e-learning - No.

Participation in Resource sharing networks/consortia (like INFLIBNET)

Yes. INFLIBNET facility is available since 2009.

4.2.5 Provide details on the following items:

Average number of walk-ins	- Around 150 /day
Average number of books issued/returned	- Around 60/day
Ratio of library books to students enrolled	- 23:1
Average number of books added during last three years	- 1040□
Average number of login to opac (OPAC)	- 100/day□
Average number of login to e-resource	- 10/day
Average number of e-resources downloaded/printed	- 8/day
Number of information literacy trainings organized	- 6/year
Details of "weeding out" of books and other materials	- Around eight books on an average per year.

4.2.6 Give details of the specialized services provided by the library

Manuscripts - No

Reference - Yes. A total of 1650 books are available for reference.

Reprography - Yes.

ILL (Inter Library Loan Service) -

Yes. This facility is offered by this institution, but the transactions are very limited due to the remoteness of the institution with other institutions in the district. Students from other institutions are permitted to use our Library facility on request from their head to our college principal. The availability of broadband connectivity with free access facility enables the students to make use of similar books or articles in the net.

Information deployment and notification (Information Deployment and Notification)

- Yes, we regularly deploy all relevant notifications regarding employment opportunities and higher education avenues , like UPSC, KPSC , Kerala Govt Gazette , ‘Thozhilil Veedhi’- Employment news in Malayalam-, University news etc in the periodical rack. The notice board is also used for this purpose.

Download

- Yes. The Library has separate broad band Internet connectivity, for the students and the staff, with unlimited download facility. The facility is offered free of cost for the students and the staff.

Printing

- Yes. The library has an advanced reprographic machine with printing options.

Reading list/ Bibliography compilation

Reading list is made available.

In-house/remote access to e-resources

- Yes. N –LIST is available.

User Orientation and awareness

- Yes. Newcomers are introduced to the library system with an orientation class. Outsiders are allowed to use the library with special permission. The college has a special library web site, which is a collection of networks, to provide necessary links to various knowledge portals as per the needs of the student community and other users of this web site.

Assistance in searching Databases - Yes

INFLIBNET/IUC facilities - Yes



4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

The Library is computerized and the books are classified according to the International Dewey-Decimal Classification system. The library follows the 'Brownie Charging and Discharging' system through barcode scanner for retrieval and transaction. Our reference section permits open access system. The UG and PG students can borrow four and six books respectively, for a period of two weeks at a time. The teachers and the Non teaching staff can borrow 15 books for a period of two months at a time.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

The Library staffs personally help the visually and physically challenged students to locate their required study materials.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?)

A printed questionnaire is used to collect feed back from students once in a year and the analysis of the same is done by the advisory committee. They recommend suitable measures for improvement. Besides this, a suggestion book is maintained in the library.

4.3. IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution.

- Number of computers with Configuration (provide actual number with exact configuration of each available system).
- Total Number of system: 109 (PC 89, Lap top 17, servers-3).  
Exact configuration of the computer system is summarized in Table 4.2.

Table 4.2: Exact Configuration of Computer System

No	processor	RAM	HDD(GB)
1	Intel Xeon	4 GB	500
1	Intel Core2 duo	4 GB	320
24	Intel I3	2 GB	500
32	Intel Core2 duo	2 GB	500
1	Intel Core2 duo	512 MB	160
48	Intel Dual Core	1 GB	160
2	Intel Pentium 4	512 MB	80

- Computer-student ratio: 1:5
- Stand alone facility: N.A.
- LAN facility: 4 (computer lab, library, office and language lab)
- Licensed software: The following are the licensed software in the college:
  1. Windows XP
  2. Windows 7
  3. K7 Antivirus
  4. Book magic (Library)
  5. TCS (Students, marks and attendance)
  6. Meshlogic (Admission)
  7. Payroll (Salary)
- Number of nodes/ computers with Internet facility: 51
- Any other: NIL

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

All departments are furnished with computers and internet connectivity. The computer Science lab, the language lab, B.A development Economics and BBA labs are also accessible to the faculty and students.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The institution is having a far sited vision of deploying the entire IT facilities now available and has plans to upgrade the IT infrastructure and associated facilities in tune with the current developments in the IT field. The budget for the deployment and up gradation of IT infrastructure is allocated annually from UGC, management and PTA funds.

4.3.4 Provide details on the provision made in the annual budget for procurement, up-gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

The Institution has a purchase and maintenance committee which is responsible for planning, purchase and maintenance of computers. Computer systems are upgraded on the basis of the recommendations of this committee on a need basis. For day to day maintenance and installation of necessary software in the departmental computers are done by the computer department. They ensure that the computers are in working condition. For major repairs and replacement of hardware, professionals are employed on a pay-per- job basis.

Annual budget for procurement, up gradation, deployment and maintenance of computers and their accessories for last four years is shown below table 4.3

Table 4.3: Annual budget for procurement, up gradation, deployment and maintenance of computers and their accessories for last four years

Year	Amount for procurement	Amount for Up gradation	Amount for Deployment	Amount for Maintenance
2008-2009	445500	10000	Nil	14000
2009-2010	518500	13000	Nil	16000
2010-2011	200000	15000	Nil	20000
2011-2012	627100	20000	Nil	22000

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

All the Teachers are equipped with adequate computer skills to conduct classes by using Smart Class Rooms, Power point Presentation and Internet facility. All departments are furnished with computers and internet connectivity. The computer lab, the two departmental computer labs and the language lab are also accessible to the faculty and students. Besides, a large number of teaching faculty and students are having personal laptops. The teaching faculty of many departments gives training to their students in downloading subject topics, innovative trends in the subject, making Power Point presentations etc., so that our institution ensures optimum use of ICT learning to the staff, students and

research scholars. Seminar presentations are done with the help of LCD Projector using Power Point presentations.

- 4.3.6 Elaborate, giving suitable examples, on how the learning activities and technologies deployed (access to on-line teaching - learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution, place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

We have access to online teaching, through Official Web-portal of Scholars, uploading learning resources. Independent learning- seminars assignment, workshop, Smart class rooms, Language lab, digital library, enlist facility of INFLIBNET.

- 4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

Yes, the institution has made available the facility of INFLIBNET. The following services are available:- To download research journals and e-books. The college avails the National knowledge Network directly.

#### 4.4 Maintenance of Campus Facilities

- 4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

The institution has always been eager to augment its infrastructure and other facilities to keep pace with its academic growth. The following infrastructure facilities have been built during the last four years. The amount spent is shown against each item.

- Completion of the PG Block and Seminar hall – Rs 17, 00,000/-
- A new car-shed was built – Rs. 60,000/-
- Play ground with 200m track – Rs.25, 00,000/-
- Furnishing third year Class rooms with Nickel coated chairs with writing pad – Rs. 3, 04,000/-
- Generator & generator room – Rs.3, 45,000/-
- Science lab furnished with more equipments – 8, 00,000/-
- A language lab – 3, 00,000/-
- Photo-copiers & scanner, smart boards, computers in office and departments, LCD projectors , Cameras – 30, 00,000/-
- Arch & Gate – 6, 00,000/-
- Canteen – 7, 50,000/-
- Top floor of the main building: – 25, 00,000/-

- Modification of wiring of the whole building – 9, 50,000/-

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The Institution has entrusted the Purchase and Maintenance committee to monitor the requirement of repair and over all maintenance of the institution including infrastructure and equipments. It is the duty of the junior superintendent to supervise and implement the day to day minor repair and maintenance. A register is kept in the office to record any repair or maintenance required. Routine maintenance is done by the laboratory staff and faculty. The major requirements of repairs and maintenance will be undertaken under the direct supervision of the Purchase and Maintenance Committee. Experts are also hired as per the needs for repairing and servicing major equipments. Periodic maintenance of infrastructure is also done under the supervision of the local Manager.

SI. No	Type of infrastructure	Amount spent (Rs)
1	Building	36,85,195
2	Furniture	4,46,149
3	Equipments	11,91,975
4	Computers	11,69,350
5	Vehicles	Nil
6	Modification of electrification	9,00,000

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/instruments?

Periodic maintenance is part and parcel of the institutional policy. Quarterly inspection is carried out on calibration and precision measures for the equipments/ instruments by the company experts. Monthly verification regarding precision of the instruments takes place under the supervision of faculty members.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

As the college is situated in a rural area, voltage fluctuation was one of our major obstacles. It has been permanently solved by the installation of a new transformer with three phase lines in the vicinity of the college.

It has ensured constant power supply with adequate voltage. Another remarkable step taken by the college is the setting up of a new generator (32kv). The modernization of electrification through panel board with suitable cables substantially contributed to the smooth supply of power. Besides these, all major departments, library and the college office are having UPS to ensure power supply. The constant supply of water is made available with the help of an electric motor along with an additional diesel motor kept, in a well maintained, water pool with abundant supply of water. We also have rain water harvest facility.

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

The other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Infrastructure and Learning Resources are as follows

- Unlimited free internet access to staff and students for academic purposes.
- Seminars of students in all departments are by Power point LCD presentations.
- A Language Lab, and the required training software increase the English language proficiency and communication skills of our students.
- Regular maintenance of computers in the departments is done by the technical assistant, staff and external experts.
- The ratio of computer to students is 1:5.
- Smart class rooms.
- Uninterrupted power supply by the use of two generators.
- Introduction of 'Brownie Charging and Discharging' system in the library.
- Presently the number of books in the library has increased to 12500 from 5927 during the year 2005.
- Sufficient number of PCs with internet broadband connectivity has been provided in the library.
- INFIBNET facility
  - Separate library website (<http://www.stpiuslibrary.yolasite.com>)
  - Construction of play ground
  - PG block
  - Seminar hall
  - Arch and gate
  - Re-construction of Canteen
  - Vehicle parking area for students
  - Construction of a new auditorium.
  - Fitness centre

**CRITERION V: STUDENT SUPPORT AND PROGRESSION**

5.1 Student Mentoring and Support

5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes. The institution publishes its updated prospectus and handbook annually.

Prospectus: Annually updated prospectus highlights the various programmes offered by the institution and its specialities. Admission fees and details of code of conduct are included in it.

Handbook: The handbook is prepared under the supervision of a committee and distributed to the students and staff at the beginning of every academic year. It contains the Vision and Mission of the College, Programmes offered, List of Faculty, with email ID and phone numbers, admission Rules and Fees structure, details of various scholarships and endowments available to students, specimen application forms for availing College/University certificates and other relevant documents, political code of conduct and Anti-ragging rules, general time table and calendar.

The Prospects and hand book clearly reflects the very vision and mission of the college. These printed documents give sufficient advertisement and awareness to the educationally and financially backward students of this remote and rural district.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The following table shows the various scholarships/ endowments are given by the institution during the last four years. These scholarships/ financial aid were available and disbursed on time.

Table 5.1: Various scholarships/endowments are given by the institution during the last four years

Sl. No	Name of the Scholarship	year	Number of Students	Amount
1	Msg. Dr. Stephen Jayaraj Endowment for Highest Mark in English	2008-2009	1	2700
		2009-2010	1	2700
		2010-2011	1	2700
		2011-2012	3	900 each
2	Prof. Joseph George K Endowment for Highest Mark in Microbiology	2008-2009	1	230
		2009-2010	1	230
		2010-2011	1	230
		2011-2012	1	230
3	Prof. V.K Thomas Endowment for Highest Mark in BBA	2008-2009	1	120
		2009-2010	1	120
		2010-2011	1	180
		2011-2012	1	180
4	PTA Cash Award to Rank holders	2008-2009	1	1001 each
		2009-2010	6	1001each
		2010-2011	3	1001each
		2011-2012	3	1001each
5	PTA proficiency prize	2008-2009	15	2700
		2009-2010	15	6270
		2010-2011	15	10260
		2011-2012	15	3000
6	Best Out Going Student Award	2008-2009	1	70
		2009-2010	1	70
		2010-2011	1	70
		2011-2012	1	270
7	Sri. Joseph Chandy Scholarship for Best students in each departments	2008-2009	10	10000
		2009-2010	19	10000
		2010-2011	10	10000
		2011-2012	10	10000



8	Sr. Soumya Silver Jubilee Memorial Scholarship for Highest Mark in Malayalam	2008-2009	2	100 each
		2009-2010	2	100each
		2010-2011	2	100 each
		2011-2012	2	100 each
9	P.V. Joseph Endowment for Highest Mark in Chemistry	2008-2009	1	80
		2009-2010	1	80
		2010-2011	1	80
		2011-2012	1	310
10	Beedi Workers Scholarships	2008-2009	26	3000 each
		2009-2010	21	3000 each
		2010-2011	33	3000 each
		2011-2012	39	3000 each
11	Kerala State Suvarna Jubilee Merit Scholarship	2008-2009	41	10000 each
		2009-2010	19	10000 each
		2010-2011	10	10000 each
		2011-2012	7	10000 each
12	Post Metric Minority Scholarship	2008-2009	4	15335
		2009-2010	25	95842
		2010-2011	34	130345
		2011-2012	40	150347
13	UGC stipend for students	2010-2011	60	120000
14	UGC conveyance allowance for students	2010- 2011	55	110000
		2011-2012	39	110000
15	Center Sector Scheme Scholarship	2008-2009	19	1000 each
		2009-2010	Nil	Nil
		2010-2011	4	1000 each
		2011-2012	13	1000 each
17	Hindi Scholarship	2011-2012	11	500 each

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies.

Number and percentage of students received financial assistance from state government, central government and other national agencies for last four years are summarized in the following table.

Table 5.2: Number and percentage of students receive financial assistance from various agencies for last four years

<b>Year</b>	<b>Number of students</b>	<b>Percentage of students</b>
2008-09	389	65.05
2009-10	301	50.08
2010-11	518	87.05
2011-12	447	79.39

During the year 2008 – 2009 around 65 percent of the students received various scholarships, however during the period 2011- 12, the percentage is increased to around 80. This was due to the fact that many new scholarship programmes were introduced during the year 2010 – 2011 onwards.

5.1.4 What are the specific support services/facilities available for

- Students from SC/ST, OBC and economically weaker sections  
Twenty percent of the seats of all graduate and post graduate seats are reserved for the SC/ST candidates.

Once got admitted to the college these students are entitled to get financial assistances like stipend, hostel fee, pocket money and fee concession from the state Government's Harijan Welfare Department. College ensures that these candidates sent their applications to government in time and their stipends are sanctioned from the concerned office and are credited to their ATM account. Institution gives proper guidance to students so as to utilize the assistance for the genuine purposes like buying books, cloths and other study materials.

OBC students and other economically backward students are eligible to get fee concessions as per the Kumarapilla commission report, Government of Kerala. The agape club of the college gives special attention to provide financial assistance for the needy students of the weaker sections of the society.

- Students with physical disabilities\*  
One seat for each programme is reserved for physically challenged candidates. Physically challenged students will be given special care and support by the tutor.
- Overseas students  
Presently our institution does not have any overseas students.
- Students to participate in various competitions/National and International  
Institution tries to give maximum encouragement to the students who have the caliber to participate in the national and international competitions. One of our students participated in senior national weight lifting championship and won gold medal.
- Medical assistance to students: health centre, health insurance etc.  
Since the number of students and staff are relatively low when compared to large educational institutions running a medical center is not practical. However we are associated with the Community health center Kallar panchayat and they have inpatient facilities, diagnostic lab and x ray unit with four doctors. The doctors from the CHC conduct health check up camps for the students periodically. We also have a first aid center attached with the microbiology department which keep essential medicines and wound dressing materials to meet first aid needs.

From 2011- 12 onwards medical insurance is provided to the selected BPL students and their families as per the St. Pius Medi claim programme.

- Organizing coaching classes for competitive examinations  
We have a UGC aided minority coaching center. Coaching for entry in services like PSC, UPSC, Nationalized banks etc are conducted through this center for our students as well as local youth. The center also organizes remedial classes for the students who are weak in their studies.

Various departments also organize special coaching classes for the competitive examinations for higher studies and job seeking.

Department of BBA conducts coaching classes for CAT/MAT for MBA admissions annually. Dept. of economics conducts coaching classes for the preparation of NET (UGC) examinations. They also give coaching for bank tests and PSC examinations

Dept. of Microbiology conducts special sessions of coaching to motivate students to appear for national level examinations conducted by national institutions and Universities.

Department of English is having a language lab under its supervision. Students are promoted to use this facility and improve their language, under the guidance of English faculty.

- Support for “slow learners”  
Slow learners are identified through diagnostic test and periodic internal evaluations. They are given bridge course and remedial coaching to equip them with expected academic proficiency. The tutors concerned provide moral support and guidance. The peers who can support the slow learners in his/her studies are advised to help them. Combined study (FINE) of peer groups is promoted mainly at the time of examinations.

- Exposures of students to other institution of higher learning/ corporate/business house etc.

All departments conduct study tours annually which include visit to institutions of higher learning. Research institutes of national importance like Pasture institute Coonure, CFTRI Mysore, IISR Kozhikode, CPCRI Kasaragod are some of the frequently visited institutions by the students of Dept. of Microbiology. Industries like Bangalore diary, Modern bread Cochin, Kasaragod diary etc. are usually visited during study tours.

Students of BBA are given in plant training in various industries for the preparation of project work as a part of their curriculum.

- Publication of student magazines  
For the publication of student magazine, an editorial board is constituted which includes a staff editor and a student editor. They get financial support for the publication of magazines as per the existing regulations of the university. PTA also provides additional financial support for this purpose. Various literary contributions are collected from the academic community.

#### 5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

An Entrepreneur development (ED) club is actively working under department of BBA for the enhancement of the entrepreneurial ability of the students. It has submitted a project to department of Industries and commerce for financial assistance to conduct various activities. They conduct seminars and discussions regarding various schemes of state government, Central government and other agencies regarding industrial development. The impact of the efforts of ED club is that it has helped to generate a sense of entrepreneurial initiatives among the students. Some of

the students have also started micro industrial undertakings and various self employment projects.

5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

\* Additional academic support, flexibility in examinations

It is the policy of the institution to provide various facilities to mould an integrated personality not only in academic matters but also for co-curricular and extracurricular activities. The college gives adequate academic support to those students by way of taking extra classes and attendance compensation for the loss of regular classes while practicing and performing these activities. During the time of terminal and model examinations, if any of the students are engaged in the above said activities, they will be given another chance to fulfill these academic requisites as a part of flexibility in examination.

\* Special dietary requirements, sports uniform and materials

The outstanding sports persons are provided special diet from the college canteen financed by PTA. Every year sports uniform is sponsored by business group or local agencies. Sports materials are made available in the physical education department.

\* Any other: NA

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive examinations, give details on the number of students appeared and qualified in various competitive examinations such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

Physics, Microbiology and Computer Science departments provide special coaching to the UG students for appearing in PG entrance examinations of various institutions of repute. Students get admissions to central and state university departments, National institutes like Institute of Virology and CFTRI. Entry in to government and private sector services are obtained for our students through undergoing special orientation programmes from the coaching centre financed by UGC (Minority coaching centre). There are ten candidates cleared UGC NET and 20 candidates got placements in central/ state governments during the last five years. Five candidates got appointment in banking sector and a large majority of students are working in the private sector and in foreign countries.

Special coaching is given to the final year students of BBA by the department, to improve their competency, to appear for the CAT/MAT examination which is the pre-requisite for seeking admissions to reputed management schools. For the MA development economics students special coaching is given by the department for the preparation of NET (UGC), IES examinations.

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

The tutorial system, with a tutor in charge for a class, gives adequate academic counselling to each student. Students of each class are given individual attention and personal care by his tutor. The tutorial groups will meet formally on Thursdays to discuss common and personal problems.

We supplement this with the service of professional counsellor to the needy students to solve their various problems, including personal, career and psycho-social. We are also having a career and counselling centre funded by UGC to meet the above mentioned requirements of the students. Considering the hesitation that students feel in opening up to strange counsellors, the concerned tutors provide extensive guidance to solve their personal dilemmas and psychosocial issues. In the cases of a severe problem the tutors advise them to discuss the issue with the family/professional counsellor and, if required, with a clinical psychologist.

As it is a small college of about six hundred students, a sort of family interaction often takes place. It is formally encouraged under the pet name 'Pius X Family' which nurtures close interaction between teachers and students. Therefore, inter personal and psycho-social relationship among the members of St. Pius family is very strong.

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

The Career Guidance Centre of the college facilitates the placement of outgoing students by giving career counselling, organizing campus placement interviews. The Minority Coaching Centre offers free coaching to eligible students of minorities for various professional

entrance examinations and selection tests of the central and state government services and private enterprises.

Department of Microbiology conducted trainings in Quality assurance and HACCP since many of the students seek jobs in dairies coming under MILMA (Kerala Milk Marketing federation) and other food industries in India and abroad.

About 5% of the students of the college obtained campus placement through Wipro and Exevents Event Management Pvt. Ltd., Cochin and 20% of students got employment in various sectors( like Indian Air force, Indian Army, Indian Postal service, KPSC, Bank, etc) during the last five years.

5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.

Yes. Grievance Redressal cell is an appellate body to hear and decide on matters related to academic, discipline, curricular and co – curricular activities which could not be settled elsewhere.

The following are the major grievances redressed,

1. As per the request of the students and their organisations College canteen has been renovated providing more space and facilities.
2. Provided more number of books and journals along with digitalization of library.
3. Class rooms have been provided with sufficient light and fan as per the request submitted by the students.
4. Safe Drinking water facility has been supplied at various outlets.
5. Play ground has been reconstructed at a new location with the measurement of 110X90 m.
6. Sufficient number of class rooms has been provided.
7. As per the request of the academic community of the college a practice of publishing of internal marks on the departmental notice board, well in advance before sending it to University has been started. This enabled the students to verify their marks forwarded to the University and get rectified if any mistakes made in the entries.
8. As per the students request more number of internet connectivity has been provided.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

A women cell consisting of five members chaired by a senior woman faculty resolves any problem pertaining to sexual harassment. This committee functions as a component of Grievance Redressal Cell.

However, no instance of women harassment has ever been reported in this college so far.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

An anti ragging committee along with discipline committee is very active in the campus. This committee conducts general awareness classes in collaboration with District Legal Awareness Cell. Concrete cases of ragging has not been reported so far, however instances of man handling among students have been taken place due to political and personal issues. These have been verified and suitable disciplinary actions were taken under the guidance of discipline committee.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

Various welfare schemes are made available to the students of this institution. Scholarships and fees concessions are given to deserving students of the college and PTA, management and Agape club functioning in the institution also give financial assistance to needy students. Stipend and conveyance allowance are also provided to the students with the financial assistance from UGC. Medical insurance facility (St. Pius Medi Claim) is also made available to the students. Various scholarships / endowments are mentioned in table 5.1. Besides these, Details of various scholarships/ stipend / fees concession made available to the students for the last four years excluding endowments/stipend/ conveyance allowance and scholarships given by various agencies / UGC/ state government is summarized in Table 5.3.

Table 5.3: Details of various scholarships/ stipend / fees concession made available to the students for the last four years

Year	Number of Students					
	SC	ST	KPCR(Fee concession for Financially backward Forward Caste)	OEC	OEC M	OB C
2008-09	12	38	154	10	11	42
2009-10	15	45	162	12	09	47
2010-11	11	51	145	14	15	51
2011-12	9	49	145	15	11	34



5.1.14 Does the institution have a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?

Yes. The purpose of the association is to foster and perpetuate friendship, contact and co – operation among the Alumni through formal and informal group meetings, yearly gatherings,. and constant interaction through social networks . The association seeks to further social, literacy and cultural interests of the college by maintaining an active channel of communication between the college and the Alumni. The annual meeting named “Snehatheeram”is regularly conducted on Diwali day. The Alumni members provide career counselling along with placement tips and also their rich professional experience every year. They also arrange outside professionals to conduct career guidance and counselling workshop / seminars for the students. Their constant encouragement and timely intervention enable the juniors to obtain suitable placements in various organizations. The alumni also took measures to contribute academic books to the college library.

## 5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlights the trends observed.

More than 80% of UG students are promoted to higher studies or employment. The following table summarizes the average data of students promoted to higher studies / employment for the last four batches.

Table5.4: The average data of students promoted to higher studies / employment for the last four batches.

Batches		Student progression				
		UG to PG	PG to M.Phil	PG to Ph.D	Employed	
					Campus selection	Other than campus recruitment
		%	%	%	%	%
2005-2008	BBA	55	nil	nil	nil	36
	B.Sc. Physics	68	nil	nil	8	10
	B.Sc.Microbiology	70	nil	nil	nil	Nil
	B.Sc.Computer Science	96	nil	nil	nil	Nil
	B.A. Devt. Economics	45	1	1	nil	5

2006-2009	BBA	46	nil	nil	4	11
	B.Sc. Physics	88	nil	nil	nil	11
	B.Sc.Microbiology	75	nil	nil	nil	Nil
	B.Sc.Computer Science	76	nil	nil	nil	10
	B.A. Devt. Economics	58	1	1	nil	14
2007-2010	BBA	49	nil	nil	1	12
	B.Sc. Physics	85	nil	nil	nil	12
	B.Sc.Microbiology	65	nil	nil	nil	Nil
	B.Sc.Computer Science	71	nil	nil	nil	7
	B.A. Devt. Economics	65	1	1	nil	18
2008-2011	BBA	50	nil	nil	3	17
	B.Sc. Physics	90	nil	nil	nil	10
	B.Sc.Microbiology	70	nil	nil	nil	Nil
	B.Sc.Computer Science	79	nil	nil	7	14
	B.A. Devt. Economics	57	1	1	nil	14
2009-2012	BBA	67	nil	nil	2	6
	B.Sc. Physics	77	nil	nil	nil	14
	B.Sc.Microbiology	76	nil	nil	nil	Nil
	B.Sc.Computer Science	86	nil	nil	10	Nil
	B.A. Devt. Economics	67	1	1	nil	15

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

Details of the programme wise pass percentage and completion rate for the last four years is summarized in the following tables.

Table-5.5.1

**BA DEVELOPMENT ECONOMICS**

Sl. No.	Batch	Strength	Drop outs	Pass (%)	Dist.	First Class	Second Class	Third Class	Fail	Rank
1	2006-09	50	3	95.7	0	15	10	20	2	Nil
2	2007-10	48	3	91	0	13	9	15	4	Nisha P. – 2nd Rank Vidya M – 3rd Rank
3	2008-11	45	3	66.6	0	13	9	6	14	Nil
4	2009-12	51	0	64.7	0	21	7	5	18	Nil

Table-5.5.2

**MA DEVELOPMENT ECONOMICS**

Sl. No.	Batch	Strength	Drop Outs	Pass (%)	Dist.	First Class	Second Class	Third Class	Fail	Rank
1	2007-09	14	0	78.6	0	5	4	2	3	Robins Augustine – 1st Rank
2	2008-10	17	0	88.2	0	7	5	3	2	Jomy P.J. - 1st Rank /Reshma Balakrishnan – 2nd Rank / Vidhya A. – 3rd Rank
3	2009-2011	14	1	92.85	0	3	7	2	3	Subhashini T.S. - 1st Rank/ Sourabhya – 2nd Rank/ Sruthi – 3rd Rank
4	2010-2012	15	0	80	0	3	7	2	3	Jeena Thomas - 1st Rank / Silbi Abraham – 2nd Rank / Saritha– 3rd Rank

Table -5.5.3

B.Sc MicroBiology

Sl. No.	Batch	Strength	Drop outs	Pass (%)	Dist.	First Class	Second Class	Third Class	Fail	Rank
1	2006-09	30	0	96	3	19	7	nil	1	Nil
2	2007-10	29	0	86	1	17	6	nil	4	Nil
3	2008- 11	31	4	85	1	5	11	6	4	Nil
4	2009- 12	31	3	94	5	14	5	2	2	Nil

Table 5.5.4

B.Sc Computer Science

Sl. No.	Batch	Strength	Drop outs	Pass (%)	Dist.	First Class	Second Class	Third Class	Fail	Rank
1	2006-09	30	1	100	4	18	6	1	0	nil
2	2007-10	31	Nil	100	13	10	8	0	0	nil
3	2008-11	31	3	100	7	7	11	3	0	nil
4	2009-12	32	0	90	3	17	8	1	3	nil

Table 5.5.5

B.Sc Physics

Sl. No.	Batch	Strength	Drop outs	Pass (%)	Dist.	First Class	Second Class	Third Class	Fail	Rank
1	2006-09	32	4	96.4	1	23	2	1	1	Nil
2	2007-10	35	6	90	3	14	9	Nil	3	Nil
3	2008-11	33	1	81.25	1	14	4	7	6	Nil
4	2009- 12	32	1	70.97	3	16	3	Nil	9	Nil

Table 5.5.6  
B.B.A

Sl. No.	Batch	Strength	Drop outs	Pass (%)	Dist.	First Class	Second Class	Third Class	Fail	Rank
1	2006-09	40	1	64	0	11	14	0	14	Nil
2	2007-10	39	1	79	0	22	8	0	8	Divya E - IIIrd rank
3	2008-11	40	0	77.5	0	21	10	0	9	
4	2009-12	42	3	82	0	17	13	0	7	

Table 5.5.6 Comparative analysis of results with other college in the districe

Name of the college	Results in percentage	
	B.Sc	B.A.
Government College, Manjeswar	60	60
Government College, Kasaragod	83	89
NAS College, Kanhangad	85.6	78
St. Pius X College, Rajapuram	92	97

Comparative analysis of the results with other colleges in the district shows (Table 5.5.6.) that St Pius X College is far above all other colleges in B.A., B.Sc and B.B.A. For example, Government College, Manjeshwar has an average results of 60%, Government College, Kasaragod has 89%, NAS Kanhangad has 78% where as our college is having 97%. University average for B.A. is only 85 percentages.

In this case of B.Sc also our college has stood above all other colleges in the district. Government College, Manjeswar has the lowest result with 60% and our college has the highest percentage of result with 92%. University average for B.Sc is around 90 percentages.

B.B.A. course is not available in any aided college in the district. The university average results for B.B.A. are only 44.5% where as our result on an average is 51.5 percent.

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

A dynamic and vibrant career Guidance and counselling cell is functioning in the college to meet the requirement of giving proper guidelines in the field of higher level of education or employment opportunities to the students. Several programmes like entry in service, minority coaching, add – on courses etc. with UGC assistance ensure student's employability in the present competitive world.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

Students who are at risk of failure are identified and given remedial coaching as well as encouraging them to participating in group learning with help of FINE. Tutors also take special care in the case of such students and engage special classes for them so as to ensure the avoidance of failure in the university examination.

The drop-out rate is generally low (< 2% including students who leave the college to join professional courses). Apart from discontinuing the course for joining professional courses, the main reason for dropouts is marriage, especially of Muslim and Hindu girl students. To decrease the number of such dropouts, parents as well as husbands are invited for counselling and are enlightened on the need to complete the course and the advantages of holding a degree. In addition, students who drop out for doing Teachers Training Course (TTC) or other vocational training programmes will be re admitted for completing the degree programme.

5.3 Student Participation and Activities

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The institution takes active steps to encourage and promote capabilities in the field of sports games, arts and extracurricular activities. Students have the opportunity to participate in all athletic items including cross country race, games such as basket ball, cricket, handball, volley ball, boxing , wrestling , power lifting, kabaddi etc and various stage and off stages items of arts along with extracurricular activities such as NCC, NSS and so on. Institution is not having any specific program calendar for the above said activities separately since these activities are synchronized with the university arts and sports calendar. The following table shows the participation and major achievements of students in Sports, games and arts and extracurricular activities (see in Annexure VI and VII).

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Details of number of student achieved in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years are summarized in the Table 5.6 and 5.7.

Table 5.6: Number of students achieved in Sports and Games at different levels for last four years

Year	Number of students achieved in Sports and Games at different levels				
	University	Zonal	State	National	International
2008- 09	11	7	0	0	0
2009 -10	31	9	1	0	0
2010 -11	21	10	1	1	0
2011-12	17	3	1	1	1

Table5.7: Number of students achieved in cultural activities at different levels for last four years

Year	Number of students achieved in cultural activities at different levels				
	University	Zonal	State	National	International
2008- 09	18	0	0	0	0
2009- 10	31	0	0	0	0
2010 -11	21	0	0	0	0
2011-12	11	0	0	0	0

5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

We receive regular feedback from our outgoing students and alumni with the help of a prescribed feed back proforma. Every year principal collect feedback from students, regarding the performance of teachers, facilities available in the campus, canteen, library etc. These feedbacks are positively assessed and creative measures are taken to improve the performance and quality of the institutional provisions.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

Members of the faculty encourage students to publish department-wise general manuscript magazines, subject-specific scrap magazines, e-magazines etc. The College Union, which is the elected student council of the college, publishes a printed college magazine in which contributions from the students of the college are included. An elected Student Editor is in charge of the publication of the magazine. Our literary club named Sarga Sangam also to promote and encourage students to publish materials in college magazine, catalogues, wall magazines etc.

i) Every year we publish the college Magazine, as an anthology of the best creative writing, which reflects the literary and creative talents of our students and teachers.

ii) The students of Computer Science Department publish an Annual news letter named "Sabdam", it mainly focuses on the Campus events.

iii) NSS Units of the college bring out their manuscripts annually.

iv) A student named Ranjith R of second year Economics published a novel named "Phalakanghal Chirikkunnu".

v) A tele-film "Mangia Kazhchakal" meaning Blared vision was released by the students. The film was directed by Amir of II DC Economics

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

Yes. The college Students Union is constituted by the members elected in the parliamentary manner in accordance with rules and regulations framed by the Kannur University on the basis of the recommendations of Justices Lingdoh Committee.

The College Union Council consists of the following office bearers.

- 1) The President of the Union-The Principal of the College, Ex Officio
- 2) The Staff advisor to the college Union- (Nominated by the principal with the consensus of the college Union)
- 3) The Chairman
- 4) The Vice Chairman
- 5) The Secretary
- 6) The Joint Secretary
- 7) General Captain
- 8) University Union Councillor.



- 9) The Secretary, Fine Arts.
- 10) The Chief Student Editor
- 11) The Secretaries of various subject associations.
- 12) One representative each of the first, Second and Third year UG and one for all PG Students.

The College Union is advised by the Union Council chaired by principal. Its major activities are:

1. To conduct as many co-curricular & extra-curricular activities in the college as possible (under the guidance of a Staff Advisor).
2. To conduct Fine Arts competitions (under the guidance of a Fine Arts Advisor nominated by the principal with the consensus of the college union).
3. To conduct Sports & Games competitions.
4. To publish the College magazine (under the guidance of a Staff Editor).

College union is funded by the prescribed fees, collected from the students in accordance with the rules of Kannur University. PTA and management provide additional financial support whenever necessary.

- 5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

We give the representation to students in various academic and administrative bodies like AMC, Grievance Redressal Cell, Anti Ragging Cell, Language Lab, Library Advisory committee, and Women Cell. The college union chairman presides over all the functions organized by the union in the college. The college union extends whole hearted support to the IQAC of the college. Each class has an elected representative to monitor the academic and disciplinary functions of the college.

- 5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

Yes. We receive regular feedback from alumni. Through our website, email and telephone.

Any other relevant information regarding Student Support and Progression which the college would like to include.

The other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Student Support and Progression as follows

- Introduced entry in to service coaching in IAS/IPS/UPSE/KPSE/Bank etc, with UGC assistance in keeping with one of the core objectives of the institution.
- Five Career oriented courses were started in the last five years.
- A number of students have been sent on exposure programmes like NSS youth exchange programme, Leadership camps conducted by Jesus Youth exchange programme , various NCC camps etc.
- Entry in to service coaching programme conducted for local youth as well as our students.
- Parent-Teacher -Student (PTS) meetings to reduce dropout rates
- Carrier Guidance and Placement Cell to facilitate placement of outgoing students

**CRITERION VI: GOVERNANCE, LEADERSHIP AND  
MANAGEMENT**

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

- a) Our vision is to become "A Centre of Excellence in Higher Education Affordable to Common Man" and our mission is 'to be a beacon of eternal inspiration, to be the wheel within wheels to fulfil the aspirations of students, staff, alumni and the society at large'.

We stand committed to the noble notion of equality based on human dignity and thus provide the intellectual avenues in higher education, in this remote area with the divine commitment of establishing social equality by removing disparities based on region and caste. We ensure greater participation of minorities and the backward in the mainstream education process.

St. Pius X College has taken up the mission of transforming the society, through its enlightened students, hailing from semi urban, rural and even backward areas and poor socioeconomic backgrounds by putting them on par with those from more privileged backgrounds. Since higher education institutions function in a dynamic environment, the mission of the college is revised from time to time to keep pace with the changing global scenario and the higher educational policies of the nation. The core values of the NAAC and the observations and recommendations made by various national committees on higher education are taken to be the guiding factors while modifying the mission.

The vision statement is translated into activities through concerted effort and cooperation of all the stakeholders, especially, through timely updated five year plans. The management and the Principal act as guides and leaders in translating the vision and mission into action. As it is an affiliated college, it has certain limitations in the case of curricula. The clear objectives of the institution are translated into action through proper goal settings of various active clubs in the college.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The college Governing Body chaired by the Manager monitors the designing and implementation of its quality policy and plans of the institution. The Management is committed in maintaining quality education programmes and its representative, the principal, ensures conducting of regular staff meetings to discuss the teaching-learning process of the institution. The ready response of the college Management to the needs of the stakeholders of the institution and, extending necessary support is a commendable healthy practice. Management fully involves in the discussions and deliberations of many academic and administrative bodies of the college such as governing body, planning board, IQAC etc. The Faculty members are making their best efforts in the field of teaching learning and take up various minor and major UGC projects in different disciplines.

6.1.3 What is the involvement of the leadership in ensuring:

- The policy statements and action plans for fulfilment of the stated mission.
- Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan.
- Interaction with stakeholders.
- Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders.
- Reinforcing the culture of excellence
- Champion organizational change

The College Governing body makes all decisions in matters relating to the policy statements and action plans for the fulfilment of the stated mission. The committee conducts periodic meetings to monitor various activities and incorporate necessary action plans to achieve its stated Vision and mission. The Principal is expected to provide the Management Committee with all the details pertaining to the administrative and academic activities of the institution. All decisions of the Management are executed through the Principal. The leadership ensures that PTS (Parents Teacher and Students) meetings are conducted to discuss and formulate necessary action plans which would be beneficial to all the Stake holders. It also tries to develop and chart out plans in the beginning of every academic year to improve the academic and non academic potentials of the students. Eminent resource persons and important dignitaries of the society are invited to the College to share their valuable experience and expertise the students and teachers. College and the various departments maintain links with all extra institutional stake holders like alumni, PTA, University, the people of the locality, Governmental departments like Panchayat, village, teachers' associations etc.

The college management takes extra effort in inculcating a culture of excellence both in its faculty and later carried out to the students at large. The management encourages the faculty to take up major and minor projects funded by the UGC and other funding agencies and participate actively in national and international conferences and symposiums organized in various parts of the country and outside the country.

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

The college council headed by the Principal consists of the heads of various departments. They meet often to discuss various issues relating to the academic and non academic aspects. The important requirements and special needs of the college are communicated to the Governing body. The Governing body makes proper strategic decisions regarding the recommendations of the staff council and implement the same. It also releases funds for the infrastructural development on a priority basis.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The students' feedback of faculty is a clear indicator to assess the present level of potentialities of the staff. The principal's assessment of the teachers based on student's evaluation also brings out the areas of improvement required by the staff. Based on these analyses the College leadership provides required training programmes to the faculty. The special requirement raised by the staff council is also considered in arranging various training programmes. The institution has conducted an academic retreat to foster and sustain quality along with skill developments. An orientation programme on ICT proficiency was conducted for the faculty of the college and the neighbouring institutions. A workshop on methodology of social sciences was also conducted for college teachers under Kannur University. These programmes were financed by KSHEC. Term meetings are conducted by the management and principal to discuss the overall development of the college and faculty. Faculties are encouraged to participate in training programmes, national and international conferences and principal participate in UGC sponsored orientation course and principal's conferences.

6.1.6 How does the college groom leadership at various levels?

The institution has a well-defined mechanism to discharge the duties and responsibilities in a collective manner. At the beginning of every academic year a General Staff meeting is held in which staff club president and secretary are being elected. The president of the staff club is the secretary of the staff council. In this staff meeting, various committees are formed and responsibilities are distributed among the staff members. The college hand book publishes the duties and responsibilities of each committee. Each of these committees functions under the chairmanship of a senior faculty member. The principal supervises the functioning of each and every committee and provides necessary guidance. Periodic staff council meetings are held and major decisions are evolved and implemented under its able supervision.

Department heads of various disciplines conduct departmental meetings periodically, for the evaluation of the functioning of the department and corrective measures are implemented if needed. Every faculty member is given the leadership to coordinate the various aspects of the department such as library, Computer lab, redressal cell, IQAC, and so on. Department Heads entrust each batch of students to a particular faculty member as the tutor to look after the various academic and non academic activities. PTA also actively participates in the efforts of the college authorities in grooming leadership at various levels. Every year student union election is being conducted in which a Chairman and union executives are elected democratically. They organize the co curricular and extracurricular activities of the college under the able guidance of the advisor.

6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?

The principal gives autonomy to Heads of the various departments to organize and execute the departmental functions. Sufficient freedom is given to the HOD to chart the whole academic programme of the concerned department. In cooperation with other faculty members, the HODs generate a teach work contributing towards the betterment of each department by introducing innovative programmes, seminars, and other various extra curricular activities to give the students an integrated growth. The principal summons periodical meetings of the HODs and matters of concern are discussed and delegated to them to be communicated to the various departments.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Participative management practices are employed in our institution to ensure quality education. The administrative bodies at various levels enjoy sufficient autonomy in decision making. The major decisions regarding the infrastructural development are taken by the Governing body of the college in consultation with the staff council, PTA and student community. Academic activities are monitored and properly managed by the staff council under the supervision of the principal who is part of the management. All the day to day activities of the institution are carried out by the college authorities with the participation of all the components such as management, Principal and staff, administrative staff, students and PTA.

## 6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

The Institution has a quality policy formally stated. The Vision of the College is to become " A Centre of Excellence in Higher Education Affordable to Common Man" and our mission is "to be a beacon of eternal inspiration, to all the stake holders" is our formally stated quality policy. It is gradually implemented through the five year plans.

The Following are the declared measurable objectives of the college for the period 2005-10.

1. Ensure cent percent result.
2. Equip and ensure students' placements/higher studies.
3. To be a disseminating centre of human values.
4. To promote employable local extension activities.
5. To ensure quality sustenance through ICT.
6. Research oriented faculty and more P.G Programmes.

All the major stakeholders like management, principal, academic staff, students, administrative staff and parents are involved in the quality assurance process. The internal coordinating mechanism is effective in maintaining quality and linking together different units of administration.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

Yes. The staff council, with Principal as the convener is envisaged to prepare a perspective plan for the institution. The council is responsible

for identifying the infrastructural requirements of the college on a priority basis and prepares detailed projects and gives recommendation to the management for their implementation.

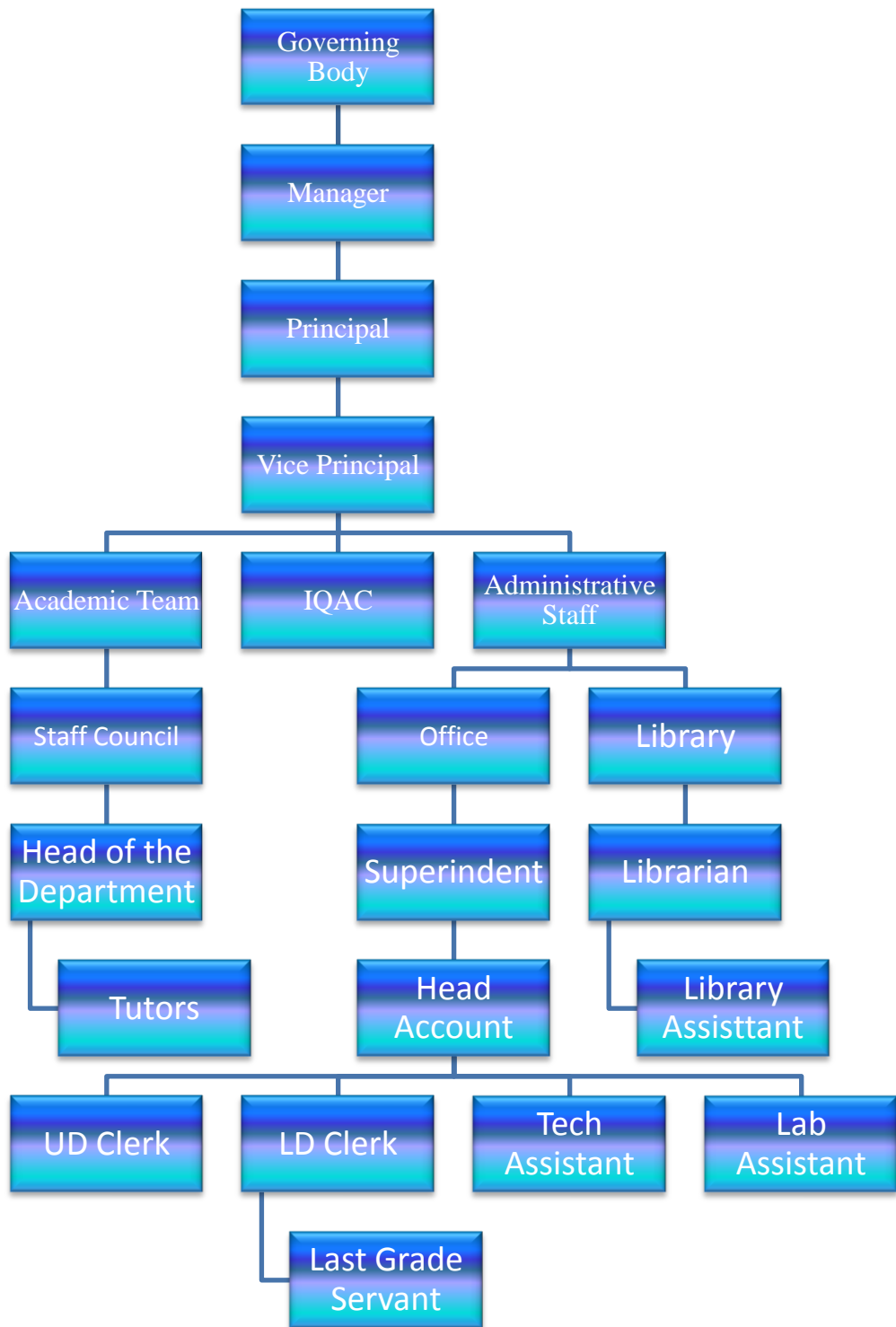
The committee has recommended:-

1. To construct an arch along with gate at the college entrance.
2. Propose to complete construction of playground.
3. To transform the campus into an eco friendly, pollution free zone promoting bio diversity.
4. To revamp the functioning of counselling cell ensuring constant assistance and proper guidance.
5. To strengthen career guidance and placement cell with internet connectivity and employability skills enhancement.
6. To impart education more effectively to the socially deprived classes (SC/ST/ OBC and Minorities) to equity and equal opportunity.
7. As part of social commitment, each department intends to initiate an 'out reach programme' for the locality.
8. To revamp the Academic Monitoring Cell (AMC) of the college for the purpose of ensuring excellent academic outcome.
9. To renovate existing Canteen with adequate space and facilities.
10. Construction of new auditorium.

#### 6.2.3 Describe the internal organizational structure and decision making processes.

The governing body, the supreme body of the management periodically convenes its meeting to discuss and decide crucial issues of finance and further development of the institution. The Staff Council is the most important academic, administrative and policy making body of the college. The College is constituted as per the provisions in the statutes of the Kannur University. The council meeting is held monthly to discuss various academic and administrative issues. The internal organizational structure consists of Governing body, Principal, Vice Principal, Staff council, Department Heads, IQAC, Administrative staff, PTA and Tutors etc. The hierarchy Chart is given below:





**Hierarchy Chart**

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

- Teaching & Learning
- Research & Development
- Community engagement
- Human resource management
- Industry interaction

The academic innovations and vision of the management are imparted on time to teachers, administrative staff and students to make each individual capable of making significant contributions to teaching learning process. The financial constraints never prevent the management from taking innovative steps to fulfil desired goals. The faculty members are actively involved in undertaking minor and major projects sponsored by UGC/ other funding agencies. Many of the faculty members are sent on deputation to undergo research in various disciplines. Many of the faculty members are pursuing their Ph.D programme in various Universities.

Various outreach programmes are organized by the College through different departments, NCC, NSS and so on. The potential abilities of Teaching and Non Teaching staff are fully utilized and maximum quality is ensured. Vocational training is given to the Non Teaching staff to improve their administrative abilities. In order to improve the quality of the teachers, the management organizes various programmes like ICT training, Methodology workshop etc. The college is having limitation in having the industry interaction due to its locational disadvantage. However, ED club arranges various programmes to have a platform for the students to have an industry interaction. As part of the curriculum, the students of BBA and Computer science department are engaged in project works to have a practical exposure in the industry.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

The principal makes all efforts to provide detailed information to the stake holders and top management by collecting various types of data from different feedbacks from the students and conducting personal meetings with TS, Non TS and students, including the general public and alumni. Details of the various meetings are communicated to the manager and Governing body regularly. Other stakeholders can also get proper information regarding the various activities of the institution from the annual reports of the principal published in the college

magazine and details given in the college handbook. Review of the activities becomes simpler as previous data and information are available in the above said sources.

How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

The students' feedback of faculty is a clear indicator to assess the need of staff development. Usually the staff council is sensitive towards such requirements and arranges programmes for the faculty. The management has conducted an academic retreat to foster and sustain quality along with skill developments of the faculty. An orientation programme on ICT proficiency was conducted for the faculty of the college and the neighbouring institutions. A workshop on methodology of social sciences was conducted for college teachers under Kannur university. These programmes were financed by KSHEC. Term meetings are conducted by the management and principal to discuss the overall development of the college and faculty.

6.2.6 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

The following table shows the major resolutions made by the Governing body in the last year.

Table 6.1: major resolutions made by the Governing body in the last year.

Date	Key Decisions	Status of Implementation
03/06/2010	Smooth conduct of admission for the year 2009-10, Appointment of Guest Lecturers, Allocation of UGC fund, Construction of Arch and Gate, Modification of Canteen	All decisions are implemented
04/10/2010	Submission of NAAC report by early 2012, Renovation of canteen, Ground levelling of the new play ground, Decided to paint the College building and beautification of campus, Fill existing vacancies, Submission of new projects to UGC.	NAAC report is being prepared under new criteria. All other decisions have been implemented.

11/01/2011	Preparation of NAAC reaccreditation Report, Campus beautification, Canteen modification. New proposal to UGC for additional grant, Proposal for filling existing vacancies	Canteen modification has been done. Campus modification is under process. Proposal has been submitted to UGC for additional Grant. Existing vacancies have been filled.
08/06/2011	Application for Biogas plant, Beautification of Campus, Levelling of ground, Application for new courses, Construction of new Auditorium, Preparation of NAAC Reaccreditation Report, Application for Post creation in the department of English, widening of the college road.	Bio gas plant has been installed. Levelling of the ground has been done. Application of new courses has been submitted. Construction of new auditorium has been completed.
25/11/2011	NAAC Report nearing completion. Appointment of Guest lecturers in BBA, Forwarded the Request for concurrence for lecturers in Microbiology, Pending files at DC, Initiated the Construction of new Auditorium. PTA Fund for Campus beautification, Identify Vehicle parking place, Bike shed construction by PTA, Implementation of Brownie Charging and Discharging system through Bar code scanner for retrieval and transaction in the Library.	Bar coding system in the library has been implemented. Bike shed construction has been done. Brownie Charging and discharging system implemented in the library.
06/09/2012	Submission of NAAC Report within Four months, Interview scheduled for the Appointment of Assistant professors in Microbiology and Physics, Application for new selected courses, Forwarded the request for	Assistant professors have been appointed in the department of Microbiology and Physics. Proposal is pending in the

	post creation, Requested for Conversion of MA Course in to Aided category, Completion of auditorium within one month, Campus beautification and maintenance, Partition of Seminar hall for classroom. Making of Biogas plant near canteen, Maintenance and renovation of existing building	Govt for conversion of MA course in to Aided category. Bio gas plant has been implemented. Maintenance and renovation of existing building is under process.
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6.2.7 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

The affiliated institutions are not given the freedom to have the status of autonomy by the university. However, the university provides a platform to the institution to give suggestions on various curriculum and co curricular matters through the Board of studies.

6.2.8 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

In the case of redressing the grievances of faculty and non teaching staff, there is an apex body, consisting of the Manager, Principal, vice principal and two members of the Governing body. However, a very few cases of grievances have been reported in the last years. The reported grievances have been promptly attended and effectively resolved.

To redress the grievances of the students, there is a Grievance Redressal Cell consisting of senior faculties under the supervision of Principal, which conducts periodic meetings to look in to the complaints given by students and find amicable solutions at the earliest. Students can also lodge their complaints without identification by putting a written petition in the two complaint boxes kept in the college premises.

During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No such instances have taken place by and against the Institution from its inception.

- 6.2.9 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Yes. The college collects four types of feedbacks from the students in the printed form, based on the guidelines prescribed by the NAAC. Those are student's feedback of the performance of the teachers collected for self improvement, course and teacher evaluation collected by the concerned tutors, departmental programme evaluation of the outgoing students collected by the HODs and campus evaluation of the outgoing students taken by the principal. Besides these, principal's evaluation of teachers by the students is also collected. We have a regular system to analyse these feedbacks and incorporates creative suggestions for improving our overall performance especially curriculum. The feedback and suggestions are examined and earnest efforts are made for improvements and modification in the teaching learning process which have greatly improved the Institutional standards.

### 6.3 Faculty Empowerment Strategies

- 6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?

Management provides a conducive ambience for the attainment of excellence in teaching learning process of the institution. The staff club of our college is another vibrant and vital creative space, where our teachers unite to exchange views, share knowledge and exhibit their creative talents along with entertainments. Institution makes use of various organizational initiatives to empower the faculty with workshops, symposia and seminars. Different workshops financed by Kerala State Higher Education Council for the promotion of faculty improvement were held in our institution. A short term course on office automation and accounting packages was given to the Non Teaching Staff. Non Teaching Staff were sent to outside educational institutions to acquaint them with various administrative techniques. To update teachers' proficiency in ICT aided teaching programmes, experts from the concerned area were brought to the college to provide adequate training. The institution also takes the initiatives to equip the teachers to prepare computer aided packages.

- 6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retaining and motivating the employees for the roles and responsibility they perform?

The management provides whole hearted support and encouragement to the faculty for generating a vibrant academic culture, updating knowledge and teaching skills among them. The institution also encourages the faculty to take up Minor and Major research projects with financial assistance from UGC as well as to undertake research and extension activities in the locality. The institution organizes seminars, conferences, workshops, etc for the professional development of faculty in association with UGC and Kerala State Higher Education Council (KSHEC), besides encouraging them to participate in these activities organized by others. As part of our policy, the promotion of the staff is based on their academic performance indicator (API). The institution also supports various faculties to undergo orientation and refresher courses arranged by the Academic Staff Colleges of various universities. These type of promotional activities by the institution help in empowering and enriching the staff.

- 6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

The performance of faculty is assessed by students' feedback. Self appraisal is done every year by the faculty members to make an assessment of their general performance and to take corrective measures for better performance. The self appraisal report of faculty members is mandatory at the time of promotion / career advancement. In addition, student's feedback of teaching staff is taken by the principal and necessary suggestion for improvement is provided. Other Feed Backs from academic peers contribute to quality enhancement of the teachers. The communicative skills, their presentation skills, knowledge about the subject, personal follow up of the students, motivation given to the students, using of teaching aids etc are the various criteria considered for the evaluation. The management also evaluates the performance of the staff regarding their availability for Non academic activities, leadership exhibited by them on various college events etc.

- 6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

At the end of every year, the principal evaluates the self appraisal reports of the staff members as well as the feedback of the students and forward a confidential report to the management. Major decisions of the management are communicated to the appropriate stakeholders by conducting staff meetings separately for the teaching and non teaching staffs, students and PTA.

6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

The Institution provides various welfare measures for the teaching and non teaching staff. Most of the staff members make use of available welfare measures as pointed below –:

- 1) ‘Pius Medi-claim’: In connection with the centenary celebrations of Kottayam Diocese, the management has constituted free family medical insurance coverage to the staff and their family.
  - 2) Teaching staff also avail accommodation on rental basis with financial assistance from UGC.
  - 3) Subsistence allowance is given to the needy staff by the management.
  - 4) Staff club ensures sufficient entertainment and tour programmes for the faculty along with memorable moments of homely gatherings. coordinator staff animation coordinates these activities
  - 5) The animation club also plans common celebrations of festivals and special occasions of individuals.
- 6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

The institution encourages the faculty for generating a vibrant academic culture, updating knowledge and teaching skills among them. The faculty is given ample opportunity and support to indulge in Research and allied activities through research committee. They are also encouraged to attend and present papers in the national and international seminars. Many of the faculty members are resource persons for various academic activities. They are also given sufficient support and encouragement to publish research papers in national and international journals. The family spirit, ‘Pius family’, of this small college where everyone knows each other provides homely surroundings. These type of promotional activities by the institution help in maintaining eminent faculties in the Institution itself.

#### 6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The institution takes extra efforts in handling the resources received as assistance and mobilized on its own. The institution ensures that the fund mobilized by the Institution from the UGC, PTA and the management of the college is utilized for the purposes meant for the



same. A clear and well defined annual budget is prepared and fund is utilized on priority items based on the existing rules and regulations to ensure the effective and efficient use of financial resources. The relevant documents are audited by the chartered accountant.

- 6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.

The accounts are audited annually. The internal audit is done by the management through P.V. Chacko & company and external Audits are done by AGs Office and Deputy Director of Higher Education Calicut. The financial assistance received from UGC is audited by Chartered accountants and verified by DD office Calicut and AGS office, Trivandrum. There were no major objections in the audit; however few minor objections pointed out have been rectified.

- 6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.

The institution gets financial support from the State Government, management, UGC and PTA. The amount under various heads for the last four years is given below.

Table 6.2: Statement of grants received during 2008 – 2009

Sl. No	Head of Income	Income (Rs.)	Expenditure (Rs.)
1	Salary of Teaching Staff	5639193	5639193
2	Salary of Non- Teaching staff	2503254	2503254
3	Scholarships	253000	253000
4	Stipends	415836	415836
I	A. Total of 1 to 4	8811283	8811283
II. Amount Received as Fee from students			
1	Special Fee	362314	362314
2	Tuition Fee	512347	512347
3	Hostel Fee	196463	196463

4	Grant form UGC	1279510	1279510
5	A. Total of 1 to 4	2350634	2350634
III Others			
1	NSS	56000	56000
2	NCC	24101	24101
3	PTA	266994	266994
4	Management	1800000	1800000
III	C. Total of 1 to 4	2147095	2147095
IV	Grand Total of A + B + C	13309012	13309012

Table 6.3: Statement of grants received during 2009 – 2010

Sl. No	Head of Income	Income (Rs.)	Expenditure (Rs.)
1	Salary of Teaching Staff	4723104	4723104
2	Salary of Non- Teaching staff	2112094	2112094
3	Scholarships	335375	335375
4	Stipends	378878	378878
I	A.Total of 1 to 4	7549451	7549451
II. Amount Received as Fee from students			
1	Special Fee	394460	394460
2	Tuition Fee	518629	518629
3	Hostel Fee	115171	115171
4	Grant form UGC	1586358	1586358
5	B. Total of 1 to 4	2614618	2614618
III Others			
1	NSS	56000	56000
2	NCC	15730	15730
3	PTA	246250	246250
4	Management	1087000	1087000
III	C. Total of 1 to 4	1404980	1404980

Table 6.4: Statement of grants received during 2010 – 2011

Sl. No	Head of Income	Income (Rs.)	Expenditure (Rs.)
1	Salary of the Staff	9790634	9790634
2	Scholarships	233000	233000
3	Stipends	142036	142036
I	A.Total of 1 to 3	10165670	10165670
II. Amount Received as Fee from students			
1	Special Fee	295883	295883
2	Tuition Fee	525211	525211
3	Hostel Fee	113000	113000
4	Grant form UGC	2204393	2204393
	B.Total of 1 to 4	3138487	3138487
III Others			
1	NSS	56000	56000
2	NCC	18686	18686
3	PTA	266994	266994
4	Management	1513040	1513040
III	C. Total of 1 to 3	1854720	1854720
IV	Grand Total of A + B + C Above	15300913	15300913

Table 6.5: Statement of grants received during 2011 – 2012

Sl. No	Head of Income	Income (Rs.)	Expenditure (Rs)
1	Salary of Staff	16751245	16751245
3	Scholarships	417338	417338
4	Stipends	948675	948675
I	A. Total of 1 to 4	18117258	18117258
II. Amount Received as Fee from students			
1	Special Fee	320413	283270
2	Tuition Fee	320757	320757
3	Hostel Fee	138000	138000
4	Grant form UGC	2292118	2292118
	B. Total of 1 to 4	3071288	3034145

III Others			
1	NSS	56000	56000
2	NCC	13368	13368
3	PTA	269310	223296
4	Management	1800000	1800000
III	C. Total of 1 to 4	2138678	2138678
IV	Grand Total of A + B + C	23327224	23327224

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

An amount of two Lakhs rupees is allotted to the institution for the levelling of the new play ground from the MP fund, however technical sanction is still pending.

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes, IQAC was established in the institution on 4th July 2005. The main coordinating and monitoring mechanism of the activities of the college effectively operates through IQAC. The IQAC is responsible for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the college. IQAC works to activate the system and raise the institutional capabilities to higher levels so that the institution makes continuous improvement in quality. IQAC monitors the functioning of various Committees and Cells for the attainment of Institutional goal and objectives. It reflects quality management structure, strategies and process which would enhance academic quality of the institution as perceived by the faculty, students, alumni and other stake holders in line with Vision, Mission and goals of the institution.

- b. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?

The major decisions of IQAC approved by the management are:

1. To construct an arch along with gate at the college entrance.
2. Approved the proposal to complete construction of playground.

3. To transform the campus into an eco friendly, pollution free zone promoting bio diversity.
  4. To revamp the functioning of counselling cell ensuring constant assistance and proper guidance from a professional councillor.
  5. To strengthen career guidance and placement cell with internet connectivity and employability skills enhancement.
  6. To impart education more effectively to the socially deprived classes (SC/ST/ OBC and Minorities) with equity and equal opportunity.
  7. As part of social commitment, each department may initiate an outreach programme for the locality.
  8. To revamp the Academic Monitoring Cell (AMC) of the college for excellent academic outcome.
  9. To renovate existing Canteen with adequate space and facilities.
  - 10 Construction of new auditorium.
  - 11 To conduct seminars and workshops
  - 12 Value education programmes
  - 13 Yoga Training
  - 14 Course on positive discrimination
  - 15 Establishing Equal Opportunity Centre
  - 16 Certificate course in Human rights education
- All these programmes are being implemented.

- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes. They have made significant contribution in the development of infrastructural facilities and teaching learning process.

- d. How do students and alumni contribute to the effective functioning of the IQAC?

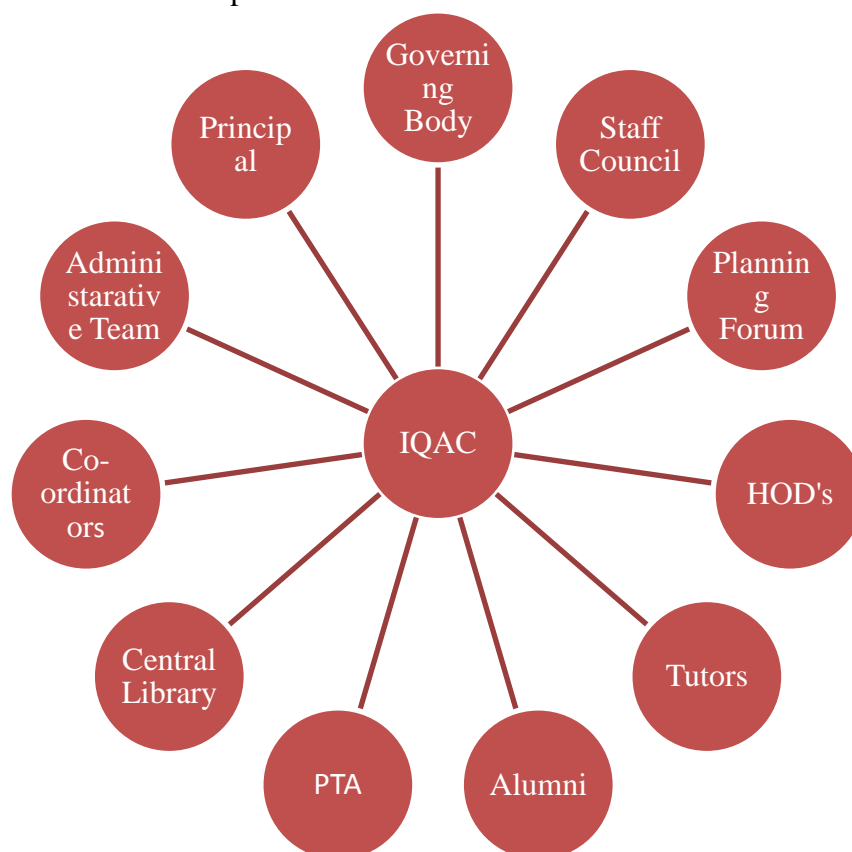
Our successful alumni keep regular contacts with IQAC in terms of helping for existing student's internship, placement, Seminar and Workshops. Students give valuable suggestions to improve our teaching learning process. With their support the college has installed ICT oriented teaching and learning. Alumni enrich it by arranging meetings and seminars for the outgoing students.

- e. How does the IQAC communicate and engage staff from different constituents of the institution?

IQAC communicates and engages staff from different constituents of the institution through conducting meetings and organizing various events in the college in which effective involvement and sincere participation are ensured. IQAC maintains a regular contact with all the members of the staff.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.

Yes. All the major stakeholders like management, Principal, academic staff, students and parents are involved in the integrated framework for Quality assurance of the academic and administrative activities of the college. A diagrammatic representation of the linkage between various stakeholders is depicted below.



**Linkage Chart of Stakeholders**

The mechanisms ensuring quality assurance in the academic system at the various levels are given below.

Management –level

- A transparent recruitment process of academic staff where merit is the only criterion for selection.
- The Manager visits the college and interacts with the teaching and non-teaching staff.
- The Pro-Manager of the college, Principal and Faculty frequently convene meetings to understand the requirements of the college and for reviewing the functioning of the college.

- Regular meeting of the Governing Body and Internal Quality Assurance Cell (IQAC) are conducted to chart out the plan of action at the beginning of the academic year and a review meeting at the end of the year.
- Local manager coordinates and oversees maintenance and development activities of the college.
- Annual budget for infrastructure maintenance and development is prepared on the basis of requirements identified in these meetings.

#### College-level

- Internal Quality Assurance Cell (IQAC) was constituted in the year 2005 to formulate, monitor and internalize quality enhancement measures as per the direction given by NAAC.
- Regular meeting of the College Council are held to plan and implement academic activities that foster excellence
- Class PTS meetings and PTA meeting are organized to promote inter-stakeholder relationships
- Proper System is evolved for providing clear information to students about admission requirements of all programmes, admission policies, rules and regulations of the institution, etc. through the college handbook and prospectus.
- Measures are taken to analyze the feedbacks from students and employers to redesign curriculum of various programmes to increase the acceptability and employability of the courses offered in the institution.
- A well conceived system exists for monitoring student programmes continuously.
- System for providing sufficient services to all students (Canteen, playground, library, computer and internet, language lab, carrier and counselling, remedial coaching etc.)
- Promote students extra curricular and co curricular activities.
- System for promoting human values, social responsibility and good sense of culture and civilization of the nation.

#### Faculty-level

- Research committee to promote research activities
- Initiatives to promote knowledge base by improving academic qualifications and by attending seminars, conferences, workshops, etc.
- System for evaluating performance of teachers
- Various measures are initiated to use different teaching methods including smart class room to enhance the teaching-learning process.
- All the departments use and promote ICT based learning techniques

Administrative Staff- level

- Measures taken to impart working knowledge of computers.
- Undertaken measures for the completion of office automation.
- Administrative training given to Non teaching staffs to improve their administrative efficiency.

Student-level:

- System for evaluating performance of students
- System for feedback on campus experience and curriculum

Parents- level

- Feedback through PTS and PTA meetings
- Raising PTA fund for the development of the college
- Encouraging and promoting students in arts, sports and games.
- Providing cash awards to the rank holders and distributing proficiency prizes to the toppers of each class.

6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes. Institution provides training to its staff for effective implementation of the quality assurance procedures. The staff club of our college is also organizing various training programmes for the quality enhancement of its members. Institution makes use of various organizational initiatives to empower the faculty with workshops, symposia and seminars. Different workshops financed by Kerala State Higher Education Council for the promotion of faculty improvement were held in our institution. A short term course on office automation and accounting packages was given to the Non Teaching Staff. They were also sent to outside educational institutions to acquaint them with various administrative techniques. To update teachers' proficiency in ICT aided teaching programmes, experts from the concerned area were brought to the college to provide adequate training. This type of training given to the staff has great impact in effective implementation of the quality assurance procedures.

6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?

Yes. The institution undertakes Academic Audit every year. The members of the AMC make periodic visits to different departments to have an evaluation of their academic performance. AMC under the chairmanship of a coordinator includes all heads of departments. They



make an audit of the academic performance after every university and terminal examinations. Necessary corrective measures will be taken by HOD's whenever required.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

Internal Quality Assurance Cell (IQAC) was constituted in the year 2005 to formulate, monitor and internalize quality enhancement measures as per the direction given by NAAC. NAAC guidelines are closely followed. The guidelines are systematically followed to convert them to a healthy system with internal quality checking strategies. Our IQAC regularly convenes meetings and monitors the overall functioning of the college like planning, implementation, and assessment through a few committees. (AMC, Research Committee, Purchase committee, Planning Board) Thus this mechanism fulfils its objectives. Internal quality assurance mechanisms of this college are aligned with the IQAC of nearby colleges. Since the college is located in a very remote area, the internal quality assurance mechanism has very limited scope for alignment with external quality assurance agencies.

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

We have a vibrant mechanism to continuously review the teaching learning process. IQAC and AMC cell have the responsibility to review and monitor the teaching learning process on a regular basis. The activities of IQAC and AMC will be under the overall supervision of the Principal at department level, HOD's are responsible to review and make grass root level corrective measures. These systematic structure and modes of operation have resulted in the high percent of success rate in the university examination.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

Institution communicates its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders by way of its very activities which give the quality standard of the college to all its stakeholders. This itself shows that institution communicates clearly its quality assurance policies, mechanisms and outcomes to its various stakeholders.

Any other relevant information regarding Governance Leadership and Management which the college would like to include.

The College, in its quest for excellence has always strived to keep pace with the changing global educational scenario. It has contributed to the cause of national development by giving quality education to the children of the migrant Christian community settled in the hilly areas of Malabar and the student population of this educationally and economically backward locality. To develop global competencies of the students, the institution offers special coaching in competitive examinations, computer literacy programs and career oriented add-on courses. To inculcate a value system among students, value education programmes and social service programmes are conducted. Recognizing the importance of promoting the use of technology, an ICT committee has been formed which looks after the promotion of ICT based learning techniques. Smart class room, free broadband internet connections in departments, central computing facilities etc are initiatives to promote the use of technology. The institution, from the very beginning was conscious of the need for promoting excellence. Constituting IQAC and opting for re-accreditation are also a part of the institution's endeavours to strive for excellence

The other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Governance Leadership and Management as follows

- 1) The UGC aided accommodation allowance for the staff to rent out houses.
- 2) Subsistence allowance is given to the needy staff by the management.
- 3) Staff club ensures sufficient entertainment of the faculty along with memorable moments of homely gatherings.
- 4) The animation club plans common celebrations of festivals and special occasions of individuals.
- 5) 'Pius Medi-claim': In connection with the centenary celebrations of Kottayam Diocese, the management has constituted free family medical insurance coverage to the staff and their family.
- 6) The management has taken necessary steps to increase the financial resources so as to undertake the construction of more infrastructural facilities like renovation of canteen, construction of Arch and gate, new play ground, Auditorium etc.

## **CRITERIA VII: INNOVATIONS AND BEST PRACTICES**

### 7.1 Environment Consciousness

#### 7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

Yes, the college conducts internal green audit under the auspicious of the NSS unit and they present the report with remedial measures to the staff council and IQAC. The NSS volunteers and the members of the Nature Club implement the remedial measures, if any, and supervise the college campus as its green army. They look after the college garden, Herbal garden and the green background of the college under the supervision of NSS program officers. If there is any damage or pests, proper eco friendly pesticides are utilized to protect them.

#### 7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

The campus is situated at a lush, lustrous green patch of Western Ghats, the recently acclaimed hot spot of biodiversity. The campus, by virtue of its locational advantage, is eco-friendly. The initiatives like greening the campus, sustainable management of bio-diversified natural elements and the bio-diversity register maintained by the students retain the pristine purity of these natural meadows.

- Energy conservation

A biogas plant is recently established in the canteen to manage the day today waste of the institution in a sustainable manner and the biogas is used in the canteen. It has reduced the use of other sources of energy.

- We have applied for nonconventional energy resources project like solar - wind hybrid system to UGC for financial aid.

- Our out reach programme and extension activities are mainly oriented towards energy conservation. We have implemented energy conservation programmes in the adopted village.

- Use of renewable energy

As the campus is blessed with potential wind throughout the year along with long seasons of sun light, the college has applied for solar wind hybrid system to tap these nonconventional energy resources to its maximum utility. Once it becomes functional it would definitely supplement the normal power consumption remarkably.

- The pipe compost technology has proved effective in the management of waste by converting them into rich bio-fertilizers. It is used in the college garden.

- Water harvesting

Kasaragod district is an area prone to shortage of water as it has only seasonal downpour. The college has implemented the national watershed management programme of Rajeev Gandhi Jalnidhi project. It is highly useful to the nearby colony (Lakshamveedu- Govt of Kerala initiative) during summer for their drinking purpose.

- Check dam construction

Kasaragod district is prone to water shortage and water shed management has been promoted by the state government. Some of the regions around the college are also affected by shortage of water. NSS units have conducted awareness classes in those regions and helped the people to make a few check dams. Our students are given proper guidelines to tap these water harvesting programmes.

- Efforts for Carbon neutrality

The afforestation programme implemented by our college definitely helped reduce the amount of carbon content in the atmosphere. As a part of this program we have planted lots of big leaf trees in our campus.

- Plantation

A part of 'ENTE MARAM PADHATHI', (my tree scheme) plantation programme was annually conducted on June 5th, the world environmental day. Nature club members along with NSS are quite active in the plantation of new plants supplied by the govt of Kerala. The nurturing of existing plants is performed by these two groups. A small herbal garden is also maintained in the campus. The college has also raised a rubber plantation in 5 acres of land.

- Hazardous waste management

No such wastes are produced here.

- e-waste management

The campus is so eco-friendly that it does not even think of hazardous elements of waste including e-waste. Since the institution is relatively new, the problem of e – waste has not arisen so far.

## 7.2 Innovations

### 7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

In the innovative and quality assurance process, all the major stakeholders like Management, Principal, academic staff, students, administrative staff and parents are involved. The mechanisms ensuring quality assurance in the academic system at the various levels are given below.

Management level

- The only criterion for the selection of academic staff is merit. The transparent recruitment process ensures the competency of the faculty. In all significant affairs, the manager shows keen interest and makes periodic visits and regularly interacts with teaching and non teaching staff.
- The Pro-Manager of the college, Principal and faculty members frequently convene meetings to understand the requirements of the college and for reviewing the functioning of the college.
- Regular meeting of the Governing Body and Internal Quality Assurance Cell (IQAC) are conducted to chart out the plan of action at the beginning of the academic year and a review meeting at the end of the year.
- Local manager coordinates and oversees maintenance and development activities of the college.
- Annual budget for infrastructure maintenance and development is prepared on the basis of requirements identified in these meetings.

College- level

- Internal Quality Assurance Cell (IQAC) was constituted in the year 2005 to formulate, monitor and internalize quality enhancement measures as per the direction given by NAAC.
- Regular meeting of the College Council is held to plan and implement academic activities that foster excellence.
- Class PTS meetings and PTA meeting are organized to promote inter-stakeholder relationships.
- Proper System is evolved for providing clear information to students about admission requirements of all programmes, admission policies, rules and regulations of the institution, etc. through the college handbook, website and prospectus.
- Measures are taken to analyze the feedbacks from students and potential employers to redesign curriculum of various programmes to increase the acceptability and employability of the courses offered in the institution.
- A well conceived system exists for monitoring student programmes continuously.
- Supportive system for providing sufficient services to all students (Canteen, playground, library, computer and internet, language lab, carrier and counselling, remedial coaching etc.)
- Promote students extracurricular and co curricular activities.
- System for promoting human values, social responsibility and good sense of culture and civilization among the students through various activities like EHV club, NSS, NCC etc.

Faculty-level

- Research committee to promote research activities
- Initiatives to promote knowledge base by improving academic qualifications and by attending seminars, conferences, workshops, etc.
- System for evaluating performance of teachers.
- Various measures are initiated to use different teaching methods including smart class room to improve the teaching-learning process.
- All the departments use and promote ICT based learning techniques.

Administrative Staff- level

- Measures taken to impart working knowledge in computer usage.
- Undertaken measures for the completion of office automation.
- Administrative training given to Non-teaching staff to improve their administrative efficiency.

Student-level:

- Adequate teaching learning experience is provided to each student on the basis of diagnostic test.
- System for continuous and comprehensive evaluation.
- Multi-level feedback formats on campus experience and curriculum and subsequent remedial measures.

Parents- level

- Feedback through PTS and PTA meetings.
- Raising PTA fund for development of the college.
- Encouraging and promoting students in arts, sports and games.
- Providing cash awards to the rank holders and distributing proficiency prizes of the toppers of each class.

Along with the above mentioned practices, the institution provides access to students from socially backward, economically weaker and differently-abled sections.

- a) Socially backward students: - The College offers admission to students belonging to all backward divisions in accordance with the reservation policy of the government. After the first round of admissions, if there are vacant seats reserved for backward classes, it is advertised in the newspapers to ensure the filling up of these vacancies from the backward classes. Students belonging to the backward sections are given scholarships/stipends by the Government. Remedial coaching for backward and minority students are conducted with financial help from UGC. College also provides stipend to the above category of students with the aid of UGC.

The UGC financed EOC (equal opportunity centre established in 2011) extends timely help and guidelines to promote and empower the weaker students. It also conducts a short term course on positive discrimination to familiarize them with their constitutional rights upon which they are eligible for monetary and socially empowering measures.

The UGC financed Certificate Course on Human Rights Education also strengthens the notions of equality and Human Rights in the society to enable its components to stand for equal treatment.

- b) Economically weaker students: Since the college is situated in a rural, backward area, majority of the students hail from a poor economic background. The college offers many financial scholarships and monetary and non-monetary support services for helping these students. Poor Aid fund of the PTA, Joseph Chandy (non-resident Indian) Scholarships, financial help from Agape club, etc. are some of the examples. Conveyance allowance funded by UGC is also provided to the BPL students who travel more than ten kilometres.
- c) We give admission to the differently-abled students as per the government stipulation. Teachers, non teaching staffs and students are always very helpful to the physically challenged students.

The college enables the eligible students to receive Stipend from UGC which is given to all categories of students on the basis of merit cum means.

The institution has a mechanism to record the incremental academic growth of the students. Immediately after the admission process we are conducting a 'post admission diagnostic test' for all freshers and their respective records are maintained by each department. Along with this, we have a record of academic growth and performance of all the students in internal examination and university examinations.

### 7.3 Best Practices

- 7.3.1 Elaborate on any two best practices as per the annexed format (see page) which have contributed to the achievement of the institutional objectives and / or contributed to the quality improvement of the core activities of the college.

**Best Practice-I**

1. Title of the Practice: **REMEDIAL COACHING & FINE – Group learning**
2. Goal
  - To strengthen the knowledge of weaker students in such subjects where they lag behind the average students.
  - To provide a strong foundation to the weaker students for further academic activities.
  - To raise the academic skills and linguistic proficiency of weaker students.
  - To bring the weaker students to the necessary level to pursue higher studies in order to reduce failure and dropout rates.
  - To promote Slow learners to attend regularly the remedial sessions conducted by teachers and through the group learning programme named Friend In Needs of Education (FINE).

3. The Context

The College is located in the rural backward area of Kasaragod District of Kerala. Most of the students pursuing their higher education in the college are drawn from the villages and are certainly lagging behind the English medium students. The educationally weaker students come from different schools located in villages with varying standards and will generally be lacking the expected grasp of the subject and command over it. They will not be that strong enough in the subjects. They face the problem of language proficiency and so do not perform well in their subject. This causes increased failure and dropout rate.

Some students may not cope with the curriculum designed for the average students. Moreover these students are economically backward and they cannot afford to go for private tuitions. Undoubtedly they need extra coaching in the College in order to bring them to the expected standard. They need extra coaching and personal attention for achieving good results.

Therefore remedial coaching class in different subjects is essential. This essentiality compelled the college to conduct Remedial coaching for weaker students. The College systematically formulated this practice for educationally backward and economically weaker students to improve their academic standards and linguistic proficiency. It also aims at the enhancement of comprehension capability in the subjects and thus reduces failures and dropout rates. The percentage of



progression to higher studies also shows remarkable change as a result of this best practice.

#### 4. The Practice

Advisory Committee: An Advisory Committee comprising the senior faculty members has been constituted to supervise the implementation of the practice. The committee creates adequate awareness about the coaching programme and monitors the programme continuously and meets once in a month. The committee submits a progress reports to the Principal indicating clearly the weaknesses, strengths and achievements of the Coaching Programme.

Coordinator: A Coordinator nominated by the Principal maintains the coordination among different groups/teachers to ensure effective implementation of the coaching programme without affecting the normal teaching in the college.

Identification of weaker students: The following methods are implemented for the identification of weaker students.

- Diagnostic test identifies advanced, average and weak students.
- Performance of the students in monthly and unit tests.
- Frequent interaction with the students.
- Interaction with the subject teachers.
- Percentage of pass in the University Examinations.
- Interaction with the parents.

#### Identification of subjects:

The Coordinator informs the identified students to enroll for Remedial Coaching classes in the prescribed format. They indicate the subjects in which the coaching is required. The College has been receiving a positive response from the weaker students.

Identification of teachers: The Advisory Committee authorizes the Heads of the Departments concerned to identify the teachers in their subjects who wish to handle the Remedial coaching classes.

The guidelines:

- a. Prepare a separate time-table for the remedial classes without affecting the general time- table of the college. The probable timings are from 9.00AM to 10.00AM and from 3.45PM to 5.15PM. The time-table is to be informed to the students and the Principal.
- b. Fix the number of periods required for each subject/paper and allot the same to the lecturers concerned. The lecturer should record the particulars in the following format in a separate register.

Name of the lecturer \_\_\_\_\_

Dept. \_\_\_\_\_

Number of periods fixed \_\_\_\_\_

and number of periods engaged \_\_\_\_\_

- c. Maintain a separate attendance register on the basis of subject/paper.
  - d. Conduct the week-end tests in each subject/paper and evaluate the same.
  - e. The HOD is requested to review these classes frequently and submit the report to the Principal.
  - f. The remuneration to the lecturers handling these classes may be paid by the Management or/and from the UGC grants.
  - g. The Coordinator will supervise these classes.
5. Evidence of Success

The impact of the Practice, “Remedial Coaching” during the last year (2012-2013) is remarkable. The remedial coaching is successfully conducted and the objectives of the Best Practice are achieved.

- a. The academic standards of the weaker students are improved considerably and succeeded to bring them to the level of average students. This is evident from the fact that more number of weaker students who attended the remedial coaching got through their final examinations successfully.
- b. The language proficiency of the weaker students is also improved and this is verified in the counselling session with the students at the end of the remedial coaching and before the commencement of the annual examinations.
- c. The dropout rate among the weaker students who have undergone the coaching is negligible. Most of the students appeared for the entrance test conducted by various universities for the admission into PG courses got selected with good ranks. ‘Progression to Higher Studies’ an objective of the practice is also achieved.
- d. The practice is continued in the college with the same spirit to achieve the objectives meant for exclusively educationally backward students.
- e. During the period of remedial coaching, the students enjoy free access to the ‘Career Guidance and Counselling Cell’ established in the college for the enhancement of their Communication Skills and Personality Development. The educationally backward students are especially encouraged through the cell. This will surely help in the preparation of competitive examinations conducted by the employment potential organizations.
- f. Frequent interaction and counselling with the educationally backward students during remedial coaching would certainly improve the healthy rapport among the weaker students, Coordinator, Counsellors and Advisory Committee members.

- g. The topics covered in regular classes are only chosen for remedial coaching, since students can concentrate on the topics already covered. The students can get their doubts clarified and gain sufficient knowledge in the subject to understand the contents of the subsequent topic.
  - h. The students are motivated during remedial coaching to utilize the learning resources like library, computer centre available in the college etc. The teaching aids like Computers, LCD projectors, Smart Boards etc. are also utilized as learning resources.
  - i. The teaching staffs involved in remedial coaching are advised to prepare their academic plan in advance. The implementation of the Practice is monitored by the Advisory Committee. The Coordinator is held responsible for the smooth conduct of this Practice. Apart from the teaching remedial courses, case studies and group discussions are also conducted to develop students' analytical and presentation skills.
  - j. Regular assignments are also given. Appraisal reports from the students are collected during the coaching in order to introduce any modifications in the number of periods, subject contents etc.
  - k. The Coordinator submits the report on the regular implementation of the Practice and performance of the students to the Principal once in a month.
  - l. Interaction sessions would be conducted with the outgoing students on the experience of the remedial coaching. Suitable changes are made in the implementation of the Practice based on their report.
6. Problems Encountered and Resources Required
- a. The identification of weaker students at the beginning of the academic year often becomes inaccurate. The students newly admitted require some time for normalization and to perform better. The number of students attending for remedial coaching is comparatively low in number at the beginning and after a month this number gradually increases.
  - b. The number of students attending these courses can be increased gradually by the frequent interaction of the staff members and Class Counsellors with the students. The students are encouraged to attend these classes which are arranged exclusively for weaker students.
  - c. As most of the students are coming from the villages far away from the College, the time schedule for conducting remedial classes is not suitable for them. To overcome this difficulty the timings are rescheduled for the convenience of the students.
  - d. It is obvious that the time schedule framed to conduct remedial coaching is not sufficient to accommodate the entire subject in which the coaching is required by the weaker students. Time

Table is prepared in the best possible way to accommodate all necessary portions.

- e. In order to achieve the objectives of the practice, regular monthly and unit tests are conducted and the performance of the students is assessed. It has been observed from the past experience that all the Students undergoing remedial coaching do not show interest in writing monthly tests and unit tests. Personal counselling and close interaction can decrease these negative trends.
- f. The lecturers handling the remedial coaching classes are given remuneration one hour basis. It is appropriate to say that more number of classes are handled by Senior and Experienced faculty. The expenditure incurred to implement this practice is born by the College Management. The UGC grant approved and sanctioned under the heading, 'Remedial Courses' is also utilized for this purpose. No fee is collected from the students to conduct remedial coaching for weaker students.

#### 7. FINE – Group learning

It is an innovative practice of group learning under the name FINE- 'A friend in needs of education'. Though Group Learning is not new, it has been shaped in a new pattern called FINE(a form of group learning to initiate and promote human relations and skill development of students) A FRIEND IN NEEDS OF EDUCATION. It is a series of formal and informal gatherings often conducted at leisure times under the leadership of an advanced student to extend a helping hand to a few of his friends in matters of education, career counselling and so on. Remedial teaching is arranged for both weak and average students by the faculty, where as the advanced students are assigned a special task of group learning to teach a group of weak friends. This is an innovative programme introduced by the institution.

As it is explained earlier, the remedial coaching in our college was complemented and made more effective by coupling it with FINE. One of the problems of remedial coaching is that it is exclusively done for the weak students and as such it carries an aspect of stigma. When a student is enrolled for remedial coaching, he too feels that he is weak. By coupling remedial coaching with the programme of group learning FINE, the whole programme became more appealing and effective. The dropout rate was effectively reduced and the pass percentage was subsequently increased. Thus it becomes one of our best practices in letter and spirit.

A few advanced learners are in charge of a group of six or seven students. The group regularly conducts discussion sessions in which there is maximum scope for exchange and enhancement of knowledge base of each student.

#### Resources required

The following resources are required for the implementation of 'Remedial Coaching for Weaker Students'. All the resources and facilities are provided by the college with the assistance of UGC.

- a. Library: The College has a spacious Library as learning resource with sufficient number of volumes and titles. The weaker students are specially directed to utilize the library facilities for the improvement of their academic standards. The books procured under the UGC approved Schemes of Remedial Coaching for SC/ST and Minority students are also available in the library for the use of weak students.
- b. Financial Resources: The UGC approved and sanctioned the grants under X and XI Plan Undergraduate Developmental Grants to the College. The grants are allocated by the UGC under various items. 'Remedial Coaching' is one of the items.
- c. Teaching Aids: The modern teaching aids like LCD Projector, Laptop, Smart Boards and Computer aided teaching packages procured under the UGC approved Schemes of Remedial Coaching for SC/ST & Minority students are utilized for implementing this Practice.
- d. All infrastructural facilities are provided by the college for implementing the Practice of Remedial Coaching for Weaker Students.

#### **8. Notes (Optional): NIL**

#### **9. Contact Details**

Name of the Principal: Dr. C.K. Luckose

Name of the Institution: St. Pius X College

City: Rajapuram

Pin Code: 671532

Accredited Status: B+

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## **Best Practice-II**

### 1. Title of the Practice: **Parent Teacher Students -PTS- meeting**

#### 2. Goal

Learning is a composite and complex phenomenon where three equal participants mutually involve and mould each other: students, teachers and parents.

- To foster harmony and better co-operation among these components.
- To facilitate smooth and speedy intervention in the process of learning.
- To monitor closely the academic progress of students.
- To work for the welfare of the students and the institution through constructive suggestions.
- To promote an atmosphere of 'Pius Family'.

#### 2. The context

In general, students suffer from a variety of problems which impair their learning and academic growth. Certain special and emotional problems not only disturb them but also disturb the academic atmosphere of the campus. Lack of awareness in students of their capabilities, aptitudes and future career/higher education opportunities not only retard their academic growth but may also lead to frustration at a later stage. It is therefore essential to provide counselling to the students by PTS to motivate them to take active and positive interest in their studies. PTS meeting will also reduce the classroom and campus indiscipline and promote a healthy atmosphere in the college. Attempts by college through PTA to engage parents in academic activities are partially successful but PTS plays a more significant and active role. This parental engagement strategy remarkably improved our academic atmosphere.

#### 4. The Practice

PTS functions in close cooperation with PTA which has its own executive committee, bylaw and other formally established path for its smooth function. Our PTS is an advanced form of PTA with closer interaction among teachers, students and parents. When these components meet and interact in a family atmosphere the teaching learning experience becomes more effective, interesting and above all more responsible.

The normal pattern for PTS meeting is thrice a year. The first meeting is on the very first day of the academic year when the first year students, their parents and teachers meet together and the principal familiarizes the college, its code of conduct and general instructions

to the new comers. The parents can clarify their doubts and put forward their suggestions.

The second meeting of the PTS takes place when the first terminal exam is over and the result is declared. The second PTS meeting discusses the performance of the student along with the progress card. The assessment of the student, the general evaluation of teaching learning experience and remedial measures are discussed in detailed and suitable decisions are taken. This meeting makes remarkable contribution towards college discipline. AMC –academic monitoring cell – discharges its heavy duties through this effective network. Thus college successfully engages parents and ensures parental engagement in an effective manner.

The third meeting of PTS is often held by the middle of the second semester. The progress card is distributed and close interaction takes place. The non-studious students, the weak and the average students receive visible improvement in the academic matters. It is a fact that efficiency is often set aside by unnecessary strictness. Our PTS is an effective alternative to internalize quality in a homely atmosphere.

#### 5. Evidence of Success

The restriping of character takes place in the home through the maternal affection rather than the paternal strictness. PTS functions on this principle that true love and unconditional commitment can transform a person smoothly rather than fear, corporeal punishment and mental harassment. When this principle is properly applied through PTS, it has returned rich dividends.

The PTS initiates positive responses from the stake holders. Once positive attitude takes prominence the rest follows. The ‘rebellious attitude’ of younger hearts were mellowed and properly moulded through these interactions. The drastic change in disposition is one of the visible rewards of these meetings. PTS has positively contributed towards the fulfilment of our first objective of cent percent result. The academic result has improved a lot. The familiarity and smooth cooperation between parents and teachers positively influenced the students and in most cases girl students responded very positively towards improvement.

Timely intervention is one of the remarkable achievements of PTS. Progress card along with attendance provided a clear balance sheet of student’s performance. Parents intervened and timely correction has taken place. The overall personality development of the students has undergone tremendous change. The attitudes of the students have changed.

Communication gap is often the major hurdle in group activities. The components fail to contribute. PTS meeting ensures the smooth flow

and speedy implementation. The students in certain cases revealed their personal problems and are suitably solved through mediation.

6. Problems encountered and resources required:-

PTS encountered some minor problems like blunt revelations and impulsive responses.

Fresh members including teachers often find fault with the added responsibility somehow imposed on them through these meetings. But the success story often inspired them to cooperate with this new experiment and made it successful.

The disobedient students especially boys did not cooperate with it in a serious manner. But these meetings contributed towards effective feedbacks and sometimes towards grievance redressed. These things changed their attitudes and they also began to respond positively.

Resources required: NIL

**7. Notes (Optional): NIL**

**8. Contact Details**

Name of the Principal: Dr. C.K. Luckose

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### Evaluative Report of the Departments

#### 1. Department of Business Administration

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : Business Administration
2. Year of Establishment : 1999
3. Names of Programmes / Courses offered:  
(UG, PG, M.Phil., Ph.D Integrated Masters; Integrated Ph.D, etc.)  
UG in Business Administration
4. Names of Interdisciplinary courses and the departments/units involved  
Open Course
5. Annual/ semester/choice based credit system: Semester System: CCSS
6. Participation of the department in the courses offered by other departments: Open Course and Add-on course in Insurance.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL
8. Details of courses/programmes discontinued (if any) with reason: NIL
9. Number of Teaching Posts

	sanctioned	Filled
Professors		
Associate Professors	Nil	Nil
Asst. Professors	5	4+ 1 FDP Guest

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Biju Joseph	MBA and MA Psychology, NET	Asst. Prof	marketing	12years	Nil
Shyma. S G	M.Sc Statistics B.Ed, NET	Asst. Prof	Econometrics	8 years	Nil

Shino P Jose	MBA M.Com NET	Asst. Prof	1.Finance and Marketing 2. Finance	4 years	Nil
Siji Cyriac	MBA M.Com NET PGDIBO	Asst. Prof	1.Finance and Marketing 2.International Business	4 Years & 1 year Industrial Experience	Nil
Punnya Prakashan	MBA NET	Asst. Prof (FDP Guest)	Human Resource Management and Marketing	1 year	Nil

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 20 %( FDP Guest Faculty)
13. Student -Teacher Ratio ( programme wise) : 30:1
14. Number of academic support staff (technical) and administrative staff sanctioned and filled : NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ Mphil/PG.

No	Name	Qualification
1	Biju Joseph	MBA and MA Psychology, Doing Ph.D under FDP of UGC.
2	Shyma.S G	M.Sc Statistics, B.Ed
3	Shino P Jose	MBA, M.Com. Doing Ph.D
4	Siji Cyriac	MBA, M.Com. PGDIBO. Doing Ph.D
5	Punnya Prakashan	MBA

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:
  1. Completed projects  
Mr. Biju Joseph has completed a minor project funded by UGC named 'A study of employability Skills of final year under graduates students of Kasaragod district '
  2. Ongoing projects  
Siji Cyriac is doing Minor Project on "Risk Disclosure Practices of Indian and American Companies" to the UGC.
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: UGC Rs. 57000/-
18. Research Centre /facility recognized by the University: NIL

19. Publications:
- a) Publication per faculty
1. Mr Siji Cyriac : ‘Sustainability Reporting Practices of Indian and US Companies – A comparative Study’, ICSSOT Conference Journal 2013
  2. Mr Shino P Jose : ‘Strategic Decisions and Focused Marketing’. Journal Proceedings of 21<sup>st</sup> International Conference, Toronto, Canada.
- Number of papers published in peer reviewed journals (national / international) by faculty and students: NIL
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
- Monographs: NA
- Chapter in Books: NA
- Books Edited: NA
- Books with ISBN/ISSN numbers with details of publishers: NA
- Citation Index: NA
- SNIP: NA
- SJR: NA
- Impact factor: NA
- H-index: NA
20. Areas of consultancy and income generated. The Statistics faculty in the department offers consultancy on data analysis for researchers. However this does not generate any income to the department as the service is rendered free of cost.
21. Faculty as members in
- a) National committees b) International Committees c) Editorial Boards : NIL .
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme: 100%
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: 100%
23. Awards/ Recognitions received by faculty and students:

The following students secured rank in University Examinations

SL. No	Name	Year	Marks	Position
1	Saritha S Nair	2005-06	823	I Rank
2	Priya P		796	II Rank
3	Anitha Kumari C		700	III Rank
4	Vipin C	2006-07	1171	I Rank
5	Mahesh G Nair		1109	II Rank
6	Thomson Philip	2007-08	1305	I Rank
7	Divya E	2009-10	1259	III Rank

Achievements in Sports (University level)

	Name	Class	Event	Medal	Year
1	Sreekanth jayakumar	III BBA	Boxing	Silver	2006-07
2	Dithun M	II BBA	Boxing	Bronze	2006-07
3	Sreekanth Jyakumar	II BBA	Wrestling	Bronze	2006-07
4	SreekanthJayakumar	III BBA	Judo	Silver	2006-07
5	Sibin Kuryan	II BBA	Judo	Bronze	2006-07
6	Abhilash P Chacko	III BBA	Judo	Bronze	2006-07
7	Naveen Kumar A	III BBA	Judo	Silver	2006-07

1	Name	Class	Event	Medal	Year
2	Dithun M	III BBA	Boxing	Silver	2007-08
3	Joby M Babu	III BBA	Boxing	Silver	
4	Mahesh TK	III BBA	Boxing	Bronze	2007-08
5	Arun Parakad	III BBA	Boxing	Bronze	
6	Libin Vinod	III BBA	Wrestling	Bronze	2007-08
7	Rejush R	I BBA	Athletics	Bronze	

	Name	Class	Event	Medal	Year
1	Pramod K.P	I BBA	Swimming	Silver	2009-10
2	Roopesh A	II BBA	Weight Lifting	Gold	2009-10

	Name	Class	Event	Medal	Year
1	Pramod K.P	III BBA	Swimming	Gold	2010-11
2	Roopesh A	III BBA	Weight lifting	Silver	2010-11
	Name	Class	Event	Medal	Year
1	Sreejith	II BBA	Boxing	Gold	2011-12
2	Chaithanya Saraswathi	III BBA	Athletics (Walking)	Bronze	2011-12

Achievements in Arts (University level) : 2008-2009

Name	Class	Item	Prize
Libin Vinod & Team	III BBA	Group Dance	II A Grade
Sheenu Thomas	II BBA	Versification Hindi	III A Grade

2008-2009

Name	Class	Item	Prize
Dhanesh	BBA	Chenda	III A Grade

24. List of eminent academicians and scientists/ visitors to the department:  
 Mr. Ramdas, HOD, Dept of Commerce, NAS College, Kanhangad  
 Mr. Thomson Philip, Asst Manager, SIB Parappanagady  
 Mr. VV Purushothaman, HOD, Dept of Commerce, NAS Kanhangad.  
 Mr. Salim P, General Manager, DIC (Govt of Kerala), Kasaragode.

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National : NIL  
 b) International : NIL

26. Student profile programme/course wise:

Name of the Course/ programme (refer question no. 4)	Applications received	Selected	Enrolled *M+*F	Pass percentage
BBA Program 2005-08	276	43	30+13	50
2006-09	283	40	24+16	60.5
2007-10	280	40	27+13	77.5
2008-11	287	40	22+18	77.5
2009-12	302	41	17+24	78

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from States other	% of students from abroad
BBA	100	Nil	Nil
BBA	100	Nil	Nil
BBA	100	Nil	Nil
BBA	100	Nil	Nil
BBA	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. ? : NA

29. Student progression

Student progression	Against % enrolled
UG to PG	53.4%(2005 to 2012)
PG to M.Phil.	NA
PG to Ph.D	NA
Ph.D. to Post-Doctoral	NA
Employed	18.4%
Campus selection	2%
Other than campus recruitment	16.4%
Entrepreneurship/Self-employment	1%

30. Details of Infrastructural facilities

- a) Library : Central Library and A good library with 355 books is Kept in the department.
- b) Internet facilities for Staff & Students : 17 computers (12 Desktop + 3 Laptop) with free internet for staff & students

- c) Class rooms with ICT facility : 3 well furnished class rooms  
LCD projector (1 No.),  
Smart Board (1 No.)
- d) Laboratories : Computer lab with 17 systems  
desktop + 3 Laptop) .
31. Number of students receiving financial assistance from college,  
university, government or other agencies : 2006-07

Sl. No.	Name	Class	Category	Scholarship	Amount
1	Ranjith VV	II BBA	OBC	Beedi Workers Scholarship	3000
2	Praveeth Kumar VV	II BBA	OBC	Beedi Workers Scholarship	3000
3	Vipin C	III BBA	Gen	Beedi Workers Scholarship	3000
4	Reshma P	III BBA	OBC	Beedi Workers Scholarship	3000
5	Reshma V	II BBA	OBC	Beedi Workers Scholarship	3000
6	Umesh Chandran	III BBA	OBC	Beedi Workers Scholarship	3000
7	Aneesha P V	I BBA	OBC	Beedi Workers Scholarship	3000
8	Sheeja M	I BBA	Gen	Beedi Workers Scholarship	3000
9	Nafeesath P	I BBA	OBC	Beedi Workers Scholarship	3000
10	Sruthi K	II BBA	OBC	Beedi Workers Scholarship	3000
11	Sunil Kumar KV	I BBA	SC	Beedi Workers Scholarship	3000

2007-08

Sl no.	Name	Class	Category	Scholarship	Amount
1	Priyamka T	I BBA		SuvarnaJubily Scholarship	10000
2	Savithri B	I BBA	SC	SuvarnaJubily Scholarship	10000
3	Sreejesh KK	I BBA	OBC	SuvarnaJubily Scholarship	10000
4	Bindu P	I BBA	SC	SuvarnaJubily Scholarship	10000
5	Sreepriya J	I BBA	SC	SuvarnaJubily Scholarship	10000
6	Jerin George	II BBA	GEN	Post Metric Scholarship	500
7	Rinson KUrian	II BBA	GEN	Post Metric Scholarship	500
8	Sajitha E V	I BBA	OBC	BeediWorkers Scholarship	3000
9	Ranjith VV	III BBA	OBC	Beedi Workers Scholarship	3000

10	Praveeth Kumar	III BBA	OBC	Beedi Scholarship	Workers	3000
11	Dhanya A	III BBA	Gen	Beedi Scholarship	Workers	3000
12	Aneesha PV	II BBA	OBC	Beedi Scholarship	Workers	3000
13	Sheeja M	III BBA	Gen	Beedi Scholarship	Workers	3000
14	Nafeesath P	II BBA	OBC	Beedi Scholarship	Workers	3000
15	Sruthi K	II BBA	OBC	Beedi Scholarship	Workers	3000
16	Sujitha M	I BBA	Gen	Beedi Scholarship	Workers	3000
17	Sajitha B K	I BBA	OBC	Beedi Scholarship	Workers	3000
18	Sreejesh KK	I BBA	OBC	Beedi Scholarship	Workers	3000
19	Umesh Chandran	III BBA	OBC	Beedi Scholarship	Workers	3000

2008 – 09

Sl. No.	Name	Class	Category	Scholarship	Amount
1	Sreejesh KK	II BBA	OBC	Suvarna Jubilee Scholarship	10000
2	Priyamka T	II BBA	OBC	Suvarna Jubilee Scholarship	10000
3	Sujith M	II BBA	OBC	Suvarna Jubilee Scholarship	10000
4	Soyi PS	I BBA	GEN	Suvarna Jubilee Scholarship	10000
5	Rajitha P	II BBA		Suvarna Jubilee Scholarship	10000
6	Savithri B	II BBA	SC	Suvarna Jubilee Scholarship	10000
7	Sreepriya J	II BBA	SC	Suvarna Jubilee Scholarship	10000
8	Bindu P	II BBA	SC	Suvarna Jubilee Scholarship	10000
9	Sachin R	I BBA	SC	Center Sector Scheme	10000
10	Preejith M	I BBA	GEN	Center Sector Scheme	10000
11	Vidhya Jyothi	I BBA	OBC	Center Sector Scheme	10000
12	Samsheer	I BBA	OBC	Center Sector Scheme	10000
13	Shoma S R	I BBA	OBC	Central Sector	10000
14	Jisha C	I BBA	SC	Center Sector Scheme	10000
15	Preethi	I BBA	GEN	Central Sector	10000

	Krishna				
16	Prasanna K P	I BBA	OBC	Center Sector Scheme	10000
17	Shubha C	I BBA	OBC	Central SectorScheme	10000
18	Shubha C	I BBA	OBC	Beedi Workers Scholarship	3000
19	Sujitha M	II BBA	Gen	Beedi Workers Scholarship	3000
20	Sajith B K	II BBA	OBC	Beedi Workers Scholarship	3000
21	Sajitha PV	III BBA	OBC	Beedi Workers Scholarship	3000
22	Sreejesh KK	III BBA	OBC	Beedi Workers Scholarship	3000

2009 – 2010

Sl. No.	Name	Class	Category	Scholarship	Amount
1	Sujith M	II BBA	OBC	Suvarna Jubily Merit	10000
2	Swetha K V	II BBA	ST	Suvarna Jubily Merit	10000
3	Sreeraj R	I BBA	OBC	Joseph Chandy	5000
4	Sudheesh M	III BBA	GEN	Joseph Chandy	5000
5	Priyamk T	III BBA	OBC	Joseph Chandy	5000
6	Vidya Jyothi M	II BBA	OBS C	Joseph Chandy	5000
7	Sujith M	III BBA	OBC	Joseph Chandy	5000
8	Jinson C Thomas	I BBA	Gen	Post Metric Scholarship	2585
9	Sujatha M	III BBA	OBC	Beedi Workers	3000
10	Shubha C	II BBA	OBC	Beedi Workers	3000
11	Thushara P	II BBA	ST	Beedi Workers	3000

2010-11

Sl. No.	Name	Class	Category	Scholarship	Amount
1	Muhasin C	I BBA	OBC	Post Metric	1800
2	Josna Jose	I BBA	GEN	Post Metric OEC	1800
3	Akhil Thomas	I BBA	GEN	Post Metric	1800
4	Jinson C Thomas	II BBA	GEN	Post Metric	1800
5	Gokul A K	I BBA	OBC	Central Sector	10000
6	Sreekha P	I BBA	GEN	Central Sector	10000
7	Krishnaprasad	I BBA	GEN	Central Sector	10000



2011-12

Sl no	Name	Class	Category	Scholarship	Amount
1	Jery James	IBBA	Gen	Post Metric	1800
2	Jesil K john	I BBA	Gen	Post Metric	1800
3	Jijo Jacob	I BBA	Gen	Post Metric	1800
4	Jinson C Thomas	III BBA	Gen	Post Metric	1800
5	Gokul A K	IIBBA	OBC	Center Sector	10000
6	Sreekha P	II BBA	Gen	Center Sector	10000
7	Krishnaprasad	II BBA	Gen	Center Sector	10000
8	Praveen Kumar	I IBBA	OBC	Beedi Workers	3000
9	Suramyia M	II BBA	OBC	Beedi Workers	3000
10	Darshana P	II BBA	OBC	Beedi Workers	3000
11	Gokul A K	I IBBA	OBC	Beedi Workers	3000
12	Thushara P	IIBBA	ST	Beedi Workers	3000
13	Sudheesh R	I BBA	ST	Beedi Workers	3000
14	Rijil K P	IBBA	OBC	Beedi workers	3000

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts : Training and programmes for the development of soft skills were conducted regularly with the service of resource persons from other universities and colleges.

A UGC funded Add-On course in Insurance is being conducted in the department

33. Teaching methods adopted to improve student learning:  
Use of Smart board  
LCD Power point Presentation  
Advanced audio visual aided instructions,  
Students present seminars using LCD projectors  
Case Study Method.  
Assignments and Group Learning.  
Industrial Visit  
Mock Interview  
Regular CAT/CMAT Coaching

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

35. SWOT analysis of the department and Future plans

Strengths	Weaknesses
Well qualified faculty Well equipped computer lab Student enrichment initiatives	Lack of adequate number of teaching aids (LCD) Lack of academic support staff. Remote location
Opportunities	Threats
Pioneers in Kasaragod district in Management Education Increased demand for the course	Inadequacy of the syllabus Increase in number of self financing colleges. Lack of industries in the locality

Future Plans

100% research oriented faculty.

Enhance employability skill acquisition initiatives

Curriculum redesign

Enhance the infrastructural facilities

Industry Department Interface.

## 2. Department of Computer Science

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : Computer Science
2. Year of Establishment : 2001
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)  
B.Sc Computer Science (Core)  
B.Sc. Physics (Complementary)
4. Names of Interdisciplinary courses and the departments/units involved:  
Open Course and Add-on course
5. Annual/ semester/choice based credit system (programme wise)  
CCSS
6. Participation of the department in the courses offered by other departments  
Open Course and Add-on course
7. Courses in collaboration with other universities, industries, foreign institutions, etc.  
Annual External Project from industry
8. Details of courses/programmes discontinued (if any) with reasons  
P.G.D.C.A And D.C.A for Local people due to the Lack of candidates, the program was discontinued.
9. Number of Teaching posts

	sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	5	5

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Lt.Thomas Scaria	M.C.A,M.Phil, M.Sc Applied Psychology	Assistant Professor and Head	DBMS	7 Years	NIL

Shylaja P	M.Sc Computer Science	Assistant Professor	Digital computers	2 Years	NIL
Thomas Chacko	M.C.A	Assistant Professor	C Programming and OS	2 Years	NIL
JincyMol Joseph	M.C.A	Assistant Professor	Computer Methodology	2 Years	NIL
Bibin P.A	M.C.A,M.C.P, R.H.C.T	Assistant Professor	Data Mining And Computer networks	3.5 Years	NIL

11. List of senior visiting faculty  
Yes(List Enclosed)
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty.: NIL
13. Student -Teacher Ratio (programme wise)  
34:1(B.Sc Computer Science)  
34:1(B.Sc Physics)
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled  
1(Not Sanctioned)
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Name	Qualification
Lt.Thomas Scaria	M.C.A,M.Phil, M.Sc Applied Psychology
Shylaja P	M.Sc Computer Science
Thomas Chacko	M.C.A
JincyMol Joseph	M.C.A
Bibin P.A	M.C.A,M.C.P, R.H.C.T

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received  
1-Minor Project by UGC

- Project Title-Analysis of Parallel Mining on Shared memory Multi-Processor  
Amount Sanctioned-Rs.90000/-
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received  
Yes,
18. Research Centre /facility recognized by the University  
NA
19. Publications:
- \* a) Publication per faculty  
National Level conference Proceedings.
  - \* Number of papers published in peer reviewed journals (national / international) by faculty and students : NIL
  - \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) : NIL
  - \* Monographs : NIL
  - \* Chapter in Books : NIL
  - \* Books Edited : NIL
  - \* Books with ISBN/ISSN numbers with details of publishers :  
NIL
  - \* Citation Index : NIL
  - \* SNIP : NIL
  - \* SJR : NIL
  - \* Impact factor : NA
  - \* h-index : NA
20. Areas of consultancy and income generated  
Project Guidelines, Co-ordination of Youth Motivation Classes And Counselling: Free of Cost.
21. Faculty as members in  
a) National committees b) International Committees c) Editorial Boards:  
NIL
22. Student projects  
a) Percentage of students who have done in-house projects including inter departmental/programme:  
100% of Final Year Students  
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies  
NIL
23. Awards/ Recognitions received by faculty and students  
International Winner in PowerLifting Championship-Junaid Ahamed (student)

24. List of eminent academicians and scientists/ visitors to the department
1. Dr. Fr. Johny, Director, Don – Bosco College, Angadikkadavu, Kannur.
  2. Dr. Thomas Monoth, HOD, Mary Matha College, Manathavadi.
  3. Dr. Shijo M. Joseph, HOD, M.G. College, Iritty
  4. Mr. Shafi, Dept. Of Computer Science, NAM College, Kalikkandi
  5. Mr. Sunil Kumar K.G., Dept. Of Computer Science, Amritha University, Kollam
  6. Lt. Jahesh K. , Asist. Professor, M.g. College, Iritty
  7. Mr. Juby Mathew, Asst. Professor, AmalJyothi Engineering college, Kottayam
  8. Mr. Arun Abraham, H R Dept., Wipro Technologies
  9. Mr. Anish, HR Dept.,QUEST Technologies
  10. Mr. Rijesh Thomas, Senior Project Manager, Accenture
  11. Mr. Sabu G. , HOD, LBS college, Kasaragod
25. Seminars/ Conferences/Workshops organized & the source of funding
- a)National : NIL
  - b)International : NIL
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage (Main)
			*M	*F	
<b>B.sc Computer Science</b>					
2005-2006	42	28	M-11,F-17		100
2006-2007	81	31	M-12,F-19		100
2007-2008	165	31	M-16,F-15		100
2008-2009	208	31	M-14,F-17		100
2009-2010	76	33	M-11,F-22		100
2010-2011	101	33	M-17,F-16		100
2011-2012	140	34	M-6,F-28		90
2012-2013	112	34	M-12,F-22		

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc Computer Science	100	0	0
B.Sc Physics	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc?

Defence Service-2

29. Student progression

<b>Student progression</b>	Against % enrolled
UG to PG	<b>81.6% (2005 – 12)</b>
PG to M.Phil.	<b>NA</b>
PG to Ph.D	<b>NA</b>
Ph.D. to Post-Doctoral	<b>NIL</b>
Employed	9.6
• Campus selection	3.4
• Other than campus recruitment	6.2
Entrepreneurship/Self-employment	8

30. Details of Infrastructural facilities

- a) Library

Besides Central Library, Department Library with 204 books.

- b) Internet facilities for Staff & Students

Broadband Connection with 20 Systems.

- c) Class rooms with ICT facility

3 Class Rooms with White Board, lap-top, 1 LCD Projector, OHP Projector and one Smart Lab

- d) Laboratories

We established Computer Lab with Smart Board.

31. Number of students receiving financial assistance from college, university, government or other agencies

<u>Post Metric Scholarship</u>	
2007-2008	1
2008-2009	Nil
2009-2010	6
2010-2011	10
2011-2012	11
2007-2008	2
2008-2009	4
2009-2010	1
2011-2012	1
<u>Hindi Scholarship</u>	
2010-2011	1
2011-2012	1

Centre Sector Scholarship	
2010-2011	1
2011-2012	1
Sri. Joseph Chandy Memorial	
2010-2011	2
Higher Education Scholarship	
2010-2011	6
2011-2012	1
PTA Cash Award	
Highest Mark Holders Award Every Year -College Level	
Highest Mark Holders Award Every Year –Department Level	
Sr. Soumya Silver Jubilee Memorial	
2008-2009	1
PV Joseph Endowment-For the Best NSS Volunteer	
2005-2006	1
2006-2007	1
Beedi Workers Scholarship	
2006-2007	2
2007-2008	2
2011-2012	1
2012-2013	1

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
- Project training with External Experts.
  - In corporate with Associations in conducting various Seminars and quiz programs.
  - Special lectures with External experts.
  - Based on the new trends, students will present their own seminars.
  - Special training for Spoken English
33. Teaching methods adopted to improve student learning
- Smart Class room
  - Industrial Visit
  - Internal Projects
  - Mock In Interviews
  - Group Discussions In Class-Room purely in English for improving Communication Skill.
  - Conducting Proficiency Test In first year Classes
  - Students Grading Based on performance
  - Remedial Coaching.
  - Regular Internal Examination
  - Academic Monitoring cell in department
  - Session PTS Meetings



The Career Guidance Forum and Placement Cell of the college facilitate the placement of outgoing students by giving career counselling, organizing campus placement interviews. The Minority Coaching Centre offers free coaching to eligible students of minorities for various professional entrance examinations and selection tests for jobs of the central, state and private agencies.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities
  - Computer Training for Local People.
  - Interaction with Sneha Bhavan Persons for giving moral support
  - Cemetery Construction for Sneha Bhavan
35. SWOC analysis of the department and Future plans
  - 90% Campus Placement.
  - Wifi computer Lab.
  - 24 hours Internet Connection for students.
  - Certificate Courses for college students in computer Literacy.
  - Adoption of Kallar Panchyath for computer Literacy.

### 3. Department of Chemistry

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department: Chemistry
2. Year of Establishment: 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):  
Complementary course of the B.Sc. Microbiology
4. Names of Interdisciplinary courses and the departments/units involved :  
NIL
5. Annual/ semester/choice based credit system (programme wise) : CSSS
6. Participation of the department in the courses offered by other departments: NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. NIL
8. Details of courses/programmes discontinued (if any) with reasons :Nil
9. Number of Teaching posts

	sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Asha Chacko	M.Sc., B.Ed, Ph.D	Assistant Professor	Polymer Chemistry	7 years	Nil

11. List of senior visiting faculty: NIL
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: NIL
13. Student -Teacher Ratio (programme wise): 1: 32
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

No	Name	Qualification
1	Dr. Asha Chacko	M.Sc, Ph.D

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: UGC (Amount Rs. 85000/-)

18. Research Centre /facility recognized by the University: NIL

19. Publications:

- \* a) Publication per faculty : 4
- \* Number of papers published in peer reviewed journals (national / international) by faculty and students : 4
- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NA
- \* Monographs: NA
- \* Chapter in Books: NIL
- \* Books Edited : NIL
- \* Books with ISBN/ISSN numbers with details of publishers: NIL
- \* Citation Index : NIL
- \* SNIP: NIL
- \* SJR: NIL
- \* Impact factor : NIL
- \* h-index : NIL

20. Areas of consultancy and income generated

The consultancy services are provided free of cost and therefore no income has been generated

21. Faculty as members in

- a) National committees b) International Committees
- c) Editorial Boards: NIL

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: NIL
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: NIL

23. Awards/ Recognitions received by faculty and students: NIL .

24. List of eminent academicians and scientists/ visitors to the department:  
None

25. Seminars/ Conferences/Workshops organized & the source of funding

- a)National : NIL
- b)International: NIL

26. Student profile programme/course wise: NA

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	

\*M=Male F=Female

27. Diversity of Students : NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc? : NIL

29. Student progression: NA

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a) Library: Central Library
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: No
- d) Laboratories: 01

31. Number of students receiving financial assistance from college, university, government or other agencies: NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: NA

33. Teaching methods adopted to improve student learning  
Remedial teaching and FINE

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NA

35. SWOC analysis of the department and Future plans: NA

#### 4. Department of Development Economics

1. Name of the Department : Development Economics
2. Year of establishment : 1995
3. Name of programmes/Courses : 1. BA(Development Economics),  
2. MA (Development Economics)
4. Name of interdisciplinary courses and the department involved : Open course and Add-on course and all the Departments
5. Annual/Semester/Choice based credit system (Programme wise):

TYPE OF PROGRAMME	NAME OF PROGRAMME
Choice Based Credit and Semester system	B.A Development Economics
Choice Based Credit and Semester system	M.A. Development Economics

6. Participation of the Department in the courses offered by other departments:  
Open course and Add-on course
7. Courses in collaboration with other Universities, industries, foreign Institutions etc: Nil
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of Teaching Posts

Designation	Sanctioned	Filled
Professors	nil	nil
Associate Professors	2	2
Asst. Professors	2	2

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D/M.Phil. etc):

Name	Qualification	Designation	Specialization	No.Of years of experience	No.of Ph.D students for the last four years.
Dr. C. K. Luckose	MA, M.phil, Ph.D	Principal	Decentralised Planning	22	Nil
Dr. R. Satheeshkumar	MA, B.Ed, Ph.D	Associate professor	Agricultural Economics	16 Years	Nil
Jijikumari.T	MA, B.Ed,	Asst. Professor	Industrial Economics	8years	Nil
Joby Thomas	MA, M.Phil	Asst. Professor	Agricultural Economics	4 years	Nil

11. List of senior visiting faculty :
- Prof.(Dr).S. Uma Devi, University of Bergen, Norway (Formerly Head, Dept. Of Economics,University of Kerala )
  - Prof.(Dr) D.P.Nair, Head, Dept. of Applied Economics ,Calicut University(Rtd)
  - Prof. (Dr). K.P.Mani, Head, Dept. of Economics ,Calicut University
  - Prof.(Dr.)Rego,Dept.of Economics ,Mangalore University
  - Prof.(Dr.)Shripathi Kalluraya ,Dept.of Economics ,Mangalore University
  - Prof.(Dr.)K.N.Selvaraj,Agricultural University Coimbatore
  - Prof.Sankara Narayana Holla ,Head,Dept.of Economics ,Government college, Kasaragod
  - Dr.A.Asokan, former Registrar ,Kannur University
  - Dr.K. Harikurup, Assistant Professor, Dept. Of Economics, Government College, Kasaragod.
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculties:?  
P.G (100%) classes are handled by the Guest faculty.
13. Student-teacher ratio (Programme wise) :
- 1) BA =50:1
  - 2) MA=20:1
14. Number of academic support staff (technical and administrative staff; sanctioned and filled : NA
15. Qualifications of teaching faculty with D Sc/D.Litt/Ph.D/M.Phil/PG: As above in Q.10

Name	Qualification	Designation	Specialization	No.of years of experience	No.of Ph.D students for the last four years.
Dr.C.K. Luckose	MA.,Mphil , Ph.D	Principal	Decentralised Planning	22	Nil
Dr. R. Satheeshkumar	MA, B.Ed, Ph.D	Associate professor	Agricultural Economics	16 Years	Nil
Jijikumari.T	MA,B.Ed,	Asst. Professor	Industrial Economics	8years	Nil
Joby Thomas	MA,M.Phil	Asst. Professor	Agricultural Economics	4 years	Nil

16. Number of faculty with ongoing projects from, A) National, b) International funding agencies and grants received

Sl. no	Name of teacher conducting the project	Name of project	Funding Agency	Amount of grant sanctioned & Year	Period of the project	Date of completion
1.	Dr. R. Satheesh kumar	Remedial and Entry in service coaching for Minorities.	UGC	Rs.1127597 2008	3 Years	2011
2.	Dr.R.Satheesh kumar	Remedial and Entry in service coaching for Minorities, sc, ST, &OBC	UGC	Rs.69500/- (First Installment) 2012	5 years	2017
3.	Jijikumari .T	Role of Germen Basel mission in socio-economic and technological traformation of Malabar	UGC	Rs.20000/- 2008	2 Years	2010
4	Babu C.	Role of Ayurveda in Health care Infrastructure of Kerala	UGC	Rs.25000/- 2008	1.5 Years	2009

17. Departmental projects funded by DST-FIST, UGC,DBT,ICSSR, etc. And total grants received:

Sl. no	Name of teacher Conducting the project	Name of project	Funding Agency	Amount of grant sanctioned & Year	Period of the project	Date of completion
1.	Dr.R.Satheesh kumar	Conducting Seminars/workshops/Awareness programmes and Cerificate courses in Education in Human Values	UGC	Rs.5,00,000/ - 2005	5 years	2007
2.	Dr. R. Satheesh kumar	Remedial and Entry in service coaching for Minorities.	UGC	Rs.1127597 2008	3 Years	2011
3.	Dr. C. K. Luckose	Tourism Management Add-on Course	UGC	Rs.5,00,000 2008	5 years	2012
4.	Dr. R. Satheesh kumar	Human Rights Education Certificate course	UGC	Rs.400000/- 2011	5 years	2016

5.	Dr. R. Satheeshkumar	Remedial and Entry in service coaching for Minorities,sc,ST,&O BC	UGC	Rs.69500/- (First Installment) 2012	5 years	2017
6.	Jijikumari .T	Role of Germen Basal mission in socio-economic and technological traformation of Malabar	UGC	Rs.20000/- 2008	2 Years	2010
7.	Dr. C. K. Luckose	Impact of Old Age Homes in the Family structure of Kerala State	UGC	Rs.70000/- 2007	1.5 years	2008
8	Babu C.	Role of Ayurveda in Health care Infrastructure of Kerala	UGC	Rs.25000/- 2008	1.5 Years	2009
<b>Total Grant Received</b>			<b>Rs.2712097/-</b>			

18. Research Centre/ facility recgnized by the University: NIL

19. Publications:

a) Publication per faculty: 01

Mrs. Jijikumari T. - 01

Number of papers published in peer reviewed journals (national / international) by faculty and students

Faculty -01

Students - NIL

\* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL

\* Monographs : NIL

\* Chapter in Books : 01

\* Books Edited : NIL

\* Books with ISBN/ISSN numbers with details of publishers: NIL

\* Citation Index : NIL

\* SNIP: NIL

\* SJR: NIL

\* Impact factor - NA

\* h-index – NA



20. Areas of consultancy and income generation: Consultancy in values Education ( free of cost).
21. Faculty members in, a) National committees, b) International Committee, c) Editorial Boards : NIL
22. Students projects: 01  
 a) Percentage of students who have done in-house projects including inter departmental/programmes: 100%  
 b) Percentage of students placed for projects in organizations outside the institution, ie; in research laboratories/industry/other agencies: NIL
23. Awards/recognition received by faculty and students:  
 a) Acquire Scholarships: 09  
 Sethu G (2010),  
 Sujithra S, Saranya P.J., Mamitha K., Ajitha S., Jyothisha P. Nair, Salini K, Sreerekha R., and Saranya R. (2012)
24. List of eminent academicians and scientists/visitors to the department:  
 i. Prof.(Dr).S.Uma Devi, University of Bergen,Norway(Formerly Head,Dept.Of Economics ,University of Kerala )  
 ii. Prof.(Dr)D.P.Nair,Head ,Dept.of Applied Economics ,Calicut University(Rtd)  
 iii. Prof.(Dr).K.P.Mani,Head, Dept.of Economics ,Calicut University  
 iv. Prof.(Dr.)Rego,Dept.of Economics ,Mangalore University  
 v. Prof.(Dr.)Shripathi Kalluraya ,Dept.of Economics ,Mangalore University  
 vi. Prof.(Dr.)K.N.Selvaraj,Agricultural University Coimbatore  
 vii. Prof. Sankara Narayana Holla, Head, Dept. of Economics Govcollege,Kasaragod  
 viii. Dr.A.Asokan, former Registrar, Kannur University  
 ix. Dr.K. Harikurup,Assistant Professor , Dept. Of Economics , Government College, Kasaragod.

25. Seminars/conferences/workshops organised and the sources of funding

Name of programme	Funded Agency	Conducting date	Amount Sanctioned
Three days IT workshop for college teachers	Kerala sate Higher Education Council	09/12/2010 to 11/12/2011 (3 Days)	Rs.30000/-
Two day workshop on methodology of social sciences for college teachers	Kerala State Higher Education Council	05/08/2011 & 06/08/2011 (2 Days)	Rs.25000/-

26. Students profile programme/course wise:

Name of the course	Applications received	Selected	Enrolled		Pass percentage (PART III only)
			M	F	
BA 2005-06*	112	36	14	22	96
2006-07	98	36	13	34	97
2007-08	101	51	23	28	100

2008-09	99	52	17	35	95.7
2009-10	126	54	20	34	95.1
2010-11	116	54	18	36	66.6
2011-12	111	54	21	33	64.7
2012-13	197	54	32	22	
MA 2006-07*	30	18	8	10	78
2007-08	36	11	0	11	85
2008-09	47	11	2	9	92
2009-10	50	16	5	11	82
2010-11	52	14	2	12	88
2011-12	55	16	2	14	81

\*Results of passed out year is shown

27. Diversity of students

Name of the course	% of students from the same state	% of students from other states	% of students from abroad
2005-06	100%	Nil	nil
2006-07	100%	nil	nil
2007-08	100%	nil	nil
2008-09	100%	nil	nil
2009-10	100%	nil	nil
2010-11	100%	nil	nil
2011-12	100%	nil	nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services etc.

Sl. No	Category	No. of Students
1	NET	8
2	SLET	NA
3	Defence Services	4
4	Government Services	39

29. Student progression

Student progression	Against % enrolled
U.G to P.G	58.4
P.G to M.phil.	1
P.G to Ph.D	1
Ph.D to Post –Doctoral	Nil
Employed	13.2
# campus selection	Nil
#Other than campus recruitment	13.2
Entrepreneurship /Self –employment	12

30. Details of infrastructural facilities
- a) Library :- Besides well equipped Central Library, department Library with 213 Books
- b) Internet facilities for staff and students : Yes
- c) Class rooms with ICT facilities : 01
- d) Laboratories : Nil
31. Number of students receiving financial assistance from college, University, Government or Other agencies. : 27
32. Details on student enrichment programmes (special lectures/ workshops/ seminars) with external experts

Special Lectures

year	Name and address of the Resource Person	Topic of Lecture
2006-07 (22/11/06)	1.Dr.A.C .Kunhikkannan, Asso. Prof & HOD, NAS.College Kanhangad 2. Dr.A.Asokan ,Asso.Prof. NAS.College Kanhangad	“Tourism Development in India”  “Kerala Model of development “
2007-08 (11/12/07)	Dr.Harikurup Assit.Prof., Government college,Kasaraghad	“Human Development Index”
2008-09 (29/10/08)	Nisha Sebastian, Marketing Manager, Reliance Industries	“Global Economic crisis and Economic opportunities “
2009-10 (22/10/09)	K.NatarajanPlanning officer, Kasaragod District	“People’splanning programme in Kerala”
2010-11 (03/11/2010)	Dr.Jomon MathewAsst.Prof. EKNM.Governmentcollege, Kasaragod	“India and Global economic crisis “

33. Teaching methods adopted to improve student learning.
- Interactive learning methods.
  - ICT enabled Teaching Learning using smart boards
  - FINE
  - Remedial Classes.
  - Seminars Presentations.
  - Computer based Self assessment using multiple choice questions
  - Assignments
  - Debates
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- By availing NSS, NCC and other clubs like tourism, value club, nature club and forestry facilities in the college, a number of students develop their social responsibility.
  - Most of the Faculty Members of the Department are also Co-ordinators

of various Clubs/Organizations and Associations of the College such as NSS, Value club, Tourism club, women cell etc.

35. SWOC analysis of the Department and Future Plans

Strength:

- Our course is a unique one because of its mathematical orientation
- Develops a strong foundation in basic economic principles as well as in mathematical and statistical tools which is essential for higher pursuits in economics.
- This is the only college in Kannur University which offers Development Economics at the P.G Level.
- From the very first batch onwards, department bags at least one rank in the University level at both P.G and U.G level
- ICT enabled teaching and learning.
- WiFi connectivity with high speed internet connectivity
- Smart class room
- There are sufficient numbers of reference and text books in the library on the subject.

Weakness:

- Majority of the students are from rural background and hence face difficulties to tackle mathematical oriented syllabus.
- Availability of ICT facilities like smart board are limited compared to the number of students in the Department.
- The P.G course is in the unaided stream. Hence students have to bear additional financial burden.
- College is situated in a remote rural region far away from city. Hence it is very difficult and costly to bring good resource persons.
- Insufficient tie-ups between Industry and Institutions due to remoteness of the area
- Absence of Research Programmes.

Opportunity:

- Because of its mathematical orientation, it helps creation of strong foundation in mathematical and statistical tools which is essential for higher pursuits in economics. Hence many of our students get entry in to courses offered by prestigious institutions like Central University, University Departments etc.
- Educational empowerment of the rural and tribal students.
- Extending the Resources and Facilities to the Public/Neighboring Communities
- To serve educationally disadvantaged sections of the community

#### Challenges

- Majority of the students are from rural background and hence face difficulties to tackle mathematical oriented syllabus.
- Availability of ICT facilities like smart board is limited compared to the number of students in the Department.
- The P.G course is in the unaided stream. Hence students have to bear additional financial burden. Efforts are made to bring the course under aided stream.
- College is situated in a remote rural region far away from city. Hence it is very difficult and costly to bring good resource persons.
- Insufficient tie-ups between Industry and Institutions due to remoteness of the area
- Absence of Research Programmes.
- Poor academic and financial background of the students and parents.
- Policy of the State Government, not to sanction course in the aided stream in the Private College
- Insufficient public transportation system

#### Future Plans:

- To convert the present un aided P.G course to aided stream
- To achieve cent percent result
- To upgrade the department as the Research Centre in Economics of the Kannur University.
- To take more minor and major research projects
- To furnish library with more books
- To strengthen the Departmental Alumni Association.
- To conduct more workshops and seminars
- To equip department with full fledged ICT facility
- To conduct more number of personality and soft skill development programmes for the integrated development of personality of students.
- To make 100% staff Ph.D holders
- To subscribe to more journals.
- To bring in experts from academic field/industry to have a face to face interaction with students on a regular basis.
- To raise a Poor Aid Fund to help economically weaker students

### 5. Department of English

1. Name of the department : English
2. Year of Establishment : 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Common Courses in English for the UG programmes.
4. Names of Interdisciplinary courses and the departments/units involved: NA
5. Annual/semester/choice based credit system (programme wise) : CCSS
6. Participation of the department in the courses offered by other departments:  
English Language programmes are offered under common courses as part of courses offered by other departments
7. Courses in collaboration with other universities, industries, foreign institutions, etc. NIL
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of Teaching Posts

	sanctioned	Filled
Professors	Nil	
Associate Professors	01	01
Asst. Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr Fed Mathew	M.A. Ph.D.	Associate Professor	Literary Criticism, Theory, Eco-aesthetics.	22 years	Nil
Sri. Saji Joseph	M.A., M. Phil.	Assistant Professor	Phonetics	9 Years.	Nil

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 50 %
13. Student -Teacher Ratio (programme wise): 75:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG:

No	Name	Qualification
1	Dr. Fed Mathew	M.A, Ph.D
2	Mr. Saji Joseph	M.A, M.Phil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: One
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

i. National Culture Fellowship: Senior Culture Fellowship-granted for two years- by Kendra Sahitya Academy, Ministry of Culture New Delhi. Rs: 2, 88,000/-. Title: The History and Culture of Maratis in Kerala- from 2003 march to march 2005. A book is in print.

ii. UGC –Major Project (Sponsored by U.G.C.) in English : Eco-Aesthetics :Theory and Practice - from 2009- 2011. Rs: 4, 4000/-It is successfully completed and the book is in print.

18. Research Centre /facility recognized by the University: NIL

19. Publications:

- \* a) Publication per faculty : 4
- \* Number of papers published in peer reviewed journals (national / international) by faculty and students : One
- \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- \* Monograph : One
- \* Chapter in Books : Four
- \* Books Edited : NIL
- \* Books with ISBN/ISSN numbers with details of publishers:  
Kerala Folklore Academy- Kerala Govt institution publishes the book-  
**Marāti Naiks of South Canara: History & Culture.**
- \* Citation Index
- \* SNIP
- \* SJR
- \* Impact factor
- \* h-index

Publication

- i) The Latter Day Psalms: a Post Colonial Reading in *IJPCL* Vol I No.2 - Jan 2001.
  - ii) 'A Horse And Two Goats': a Critical Evaluation. *Perspectives on Indian English Literature*. Atlantic Pub. 2002.
  - iii) Yvor winters': an Evolving Critic –*Studies in Literature in English Vol VII* Atlantic Publications New Delhi –2004.
  - iv) Gondolu –Kumari Maratis' Pooja- *Journal of Indian Folkloristics*- Vol vii 2005.
  - v) 'Latter Day Psalms: a Post Colonial Reading' *Post Colonial Readings in Indo- Anglian Literature*: Authorspress, New Delhi 2009.
  - vi) The Influence of Multiculturalism on Marati Culture and Language -*Mapping of Linguistic Identity*; Proceedings of National Seminar, Kasaragod, 2009.
  - vii) *Eco-feminism: a Critique*, Womens Voices: A critical Investigation. National seminar proceedings: Brehnan Coll. Tellicherry, 2010.
  - viii) *Kamala Das Poetry: a Faucauldian Reading*. Indian Aesthetics: Kollam, 2011.
20. Areas of consultancy and income generated  
Consultancy:\_We offer consultancy service by making available our expertise. These services would bring remuneration only.
- 1) Kannur university – Board of Studies Member.
  - 2) Kannur university -Subject Expert -English.
  - 3) Biodiversity Board of Kerala- Kasaragod district technical support Group (TSG) member.
  - 4) DLTAC-District Level Advisory Sub-committee of Kasaragod DT – Chairman.
21. Faculty as members in
- a) National committees b) International Committees c) Editorial Boards:  
Dr. Fed Mathew serves as a referee in English to the journal *IRISH Nirmalagiri*.
22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme: N.A.
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: N.A.
23. Awards/ Recognitions received by faculty and students:



Research fellowship :

- i) TRG-teachers research grant- ASRC – Hyderabad 21 days in 1991.  
Two more national research projects were awarded namely senior national culture project and UGC major project.

24. List of eminent academicians and scientists/ visitors to the department:  
NIL

25. Seminars/ Conferences/Workshops organized & the source of funding  
a)National : NIL  
b)International: NIL

**Papers Presented in national & international seminars.**

- UGC -National Conference Kanjirappaly 18-03-99 to 20-03-99.
- Kannur Silver Jubilee Seminar 7-2-2001 to 8-2-2001.
- 12th All India National Conference-FOSSILS, Payyannur, December 2003.
- 13th All India Conference - FOSSILS — Kuppam-A.P.-September 2004.
- 14th All India Conference - FOSSILS – Kannur- November 22, 23 & 24, 2007.
- National Seminar –Modern Trends in Literature–GCK Kasaragod March 2008.
- National Seminar on Post-Colonial Studies – NAS Kanhangad- Sept 2008.
- International Seminar on Folklore- Kanhangad –Oct-2008.
- National Seminar on Linguistic Mapping GCK Kasaragod March 2009.
- International Seminar, Nileshtar: Socio-linguistics & New Historicism, August 2009.
- National Seminar, Govt Brenhen College Tellicherry, Eco-feminism: a Critique, 12 &13 Aug 2010.
- National Seminar, S.N. Kollam, Eco-Politics: an Overview, 23&24 Sep, 2010.
- National seminar. PSMO College Tirurangady, Eco-feminist Theory, 30 & 31 Jan2012.
- One day seminar, Government College Madapally Post colonial Theory: an over view,02/03/12.
- International Conference, Central University of Kerala, Dissent, 15-17 oct2012.

26. Student profile programme/course wise: NA

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percent age
			*M	*F	

27. Diversity of Students: NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. : NIL

29. Student progression : NA.

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a) Library: Central Library and a Small Department Library
- b) Internet facilities for Staff & Students: There is a computer with internet connection in the Dept for Staff and Students. The students also use the systems available in the language Lab.
- c) Class rooms with ICT facility: Yes, Seminar hall is used.d) Laboratories : NA

31. Number of students receiving financial assistance from college, university, government or other agencies : NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

We conduct orientation programmes for the freshers. Career guidance seminar is conducted along with EOC (Equal Opportunity Centre.)

33. Teaching methods adopted to improve student learning :
  - Both Lecture method and Student centered methods are used.
  - Remedial teaching and FINE- are going on.
  - Language Lab is used for training the students iN-LISTening and speaking skills
  
34. Participation in Institutional Social Responsibility (ISR) and Extension activities :
  - Emphasis is placed on educational empowering of weaker section especially the tribal students through EOC and special remedial teaching programmes along with counselling.
  - We extend wholehearted support towards the Regional resource centre and Museum.
  - Though not a full fledged dept, we too, undertake minor extension activities.
  
35. SWOC analysis of the department and Future plans
  - To obtain cent percent result.
  - To acquire Research guideship
  - To conduct more number of personality and soft skill development classes for the UG students.

## 6. Department of Hindi

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : Hindi
2. Year of Establishment : 1995
3. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):  
Common Course of Additional Language (Hindi) of UG Programme.
4. Names of Interdisciplinary courses and the departments/units involved:  
NA
5. Annual/ semester/choice based credit system (programme wise): CSSS
6. Participation of the department in the courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc. NA
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of teaching posts

	sanctioned	Filled
Professors		
Associate Professors	01	01
Asst. Professors	Nil	Nil

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. George Mamen	M.A. Ph.D	Associate Professor	Modern Hindi Novels	17 years	Nil

11. List of senior visiting faculty : NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : NA
13. Student -Teacher Ratio (programme wise) : 10: 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

No	Name	Qualification
1	Dr. George Mammen	M.A, Ph.D

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: One (UGC)
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: UGC (Amount Rs. 85000/-)
18. Research Centre /facility recognized by the University: NIL
19. Publications:
  - a) Publication per faculty : 10
  - Number of papers published in peer reviewed journals (national / international) by faculty and students : 10
  - Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.): Na
  - Monographs: NA
  - Chapter in Books: One
  - Books Edited : NIL
  - Books with ISBN/ISSN numbers with details of publishers: NIL
  - Citation Index : NIL
  - SNIP: NIL
  - SJR: NIL
  - Impact factor : NIL
  - h-index : NIL
20. Areas of consultancy and income generated
  1. Talk on All India Radio, Every Year
  2. Resource Person to SP Mandal Arts and Commerce College, Belgaum Income Generated Rs. 12000/-
21. Faculty as members in
  - a) National committees b) International Committees c) Editorial Boards....: NIL
22. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/programme: NA
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: NA
23. Awards/ Recognitions received by faculty and students  
National Vocational Excellence award for Teaching, Research and Publication.
24. List of eminent academicians and scientists/ visitors to the department:  
None
25. Seminars/ Conferences/Workshops organized & the source of funding
  - a) National: NA
  - b) International: NA
26. Student profile programme/course wise : NA

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage

\*M=Male F=Female

27. Diversity of Students: NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc? : NA

29. Student progression: NA

<b>Student progression</b>	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a) Library: Central Library and a Small Department Library
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: 01
- d) Laboratories: NA

31. Number of students receiving financial assistance from college, university, government or other agencies: 11 students received Hindi Scholarship from Government of India

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: NA

33. Teaching methods adopted to improve student learning  
Remedial teaching and FINE

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NIL

35. SWOC analysis of the department and Future plans:

1. To conduct a crash programme in spoken Hindi for students who wish to join Armed Forces.
2. To give a special training in DTP Hindi so that students can do something of their own.

### 7. Department of Malayalam

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : Malayalam
2. Year of Establishment : 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) : Common Course of Additional Language (Malayalam) of UG Programme.
4. Names of Interdisciplinary courses and the departments/units involved: NA
5. Annual/ semester/choice based credit system (programme wise): CSSS
6. Participation of the department in the courses offered by other departments: NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.
8. Details of courses/programmes discontinued (if any) with reasons : NIL
9. Number of teaching posts

	sanctioned	Filled
Professors		
Associate Professors	01	01
Asst. Professors	Nil	Nil

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Sr. Soumya	M.A. MPhil	Associate Professor	Modern Poetry	21 years	Nil

11. List of senior visiting faculty: NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA
13. Student -Teacher Ratio (programme wise): 60:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

No	Name	Qualification
1	Sr. Soumya	M.A, MPhil.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
18. Research Centre /facility recognized by the University: NIL
19. Publications:
  - a) Publication per faculty : NIL
  - Number of papers published in peer reviewed journals (national / international) by faculty and students : NIL
  - Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Na
  - Monographs: NA
  - Chapter in Books: NIL
  - Books Edited : NIL
  - Books with ISBN/ISSN numbers with details of publishers: NIL
  - Citation Index : NIL
  - SNIP: NIL
  - SJR: NIL
  - Impact factor : NIL
  - h-index : NIL o
20. Areas of consultancy and income generated: NIL
21. Faculty as members in
  - a) National committees b) International Committees c) Editorial Boards....: NIL
22. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/programme: NIL
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: NIL
23. Awards/ Recognitions received by faculty and students: NIL
24. List of eminent academicians and scientists/ visitors to the department: None
25. Seminars/ Conferences/Workshops organized & the source of funding
  - a) National : NA
  - b) International : NA
26. Student profile programme/course wise : NA

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	

\*M=Male F=Female



27. Diversity of Students : NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc? : NA

29. Student progression: NA

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a) Library: Central Library and a Department Library with 200 books
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: 01
- d) Laboratories: NA

31. Number of students receiving financial assistance from college, university, government or other agencies: NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: NA

33. Teaching methods adopted to improve student learning  
Remedial teaching and FINE

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NA

35. SWOC analysis of the department and Future plans: NA

## 8. Department of Mathematics

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department : Mathematics
2. Year of Establishment : 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): Complementary course of the B.Sc. Physics and Computer Science
4. Names of Interdisciplinary courses and the departments/units involved: NIL
5. Annual/ semester/choice based credit system (programme wise) : CCSS
6. Participation of the department in the courses offered by other departments: NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : NIL
8. Details of courses/programmes discontinued (if any) with reasons : NIL
9. Number of Teaching posts

	sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
JINEESH THOMAS	M. Sc	Assistant Professor	Functional Analysis	7 Years	Nil

11. List of senior visiting faculty : NIL
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty : NIL
13. Student -Teacher Ratio (programme wise): 34:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.: PG:

No	Name	Qualification
1	Mr. Jinesh Thomas	M.Sc

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received : UGC Rs. 50000/-
18. Research Centre /facility recognized by the University : NIL
19. Publications: Nil
  - \* a) Publication per faculty
  - \* Number of papers published in peer reviewed journals (national / international) by faculty and students
  - \* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
  - \* Monographs
  - \* Chapter in Books
  - \* Books Edited
  - \* Books with ISBN/ISSN numbers with details of publishers
  - \* Citation Index
  - \* SNIP
  - \* SJR
  - \* Impact factor
  - \* h-index
20. Areas of consultancy and income generated : NIL
21. Faculty as members in : Nil
  - a) National committees b) International Committees c) Editorial Boards
22. Student projects : NIL
  - a) Percentage of students who have done in-house projects including inter departmental/programme
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies
23. Awards/ Recognitions received by faculty and students : NIL
24. List of eminent academicians and scientists/ visitors to the department : NIL
25. Seminars/ Conferences/Workshops organized & the source of funding
  - a) National : NA
  - b) International : NA
26. Student profile programme/course wise: NA

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage

\*M=Male F=Female

27. Diversity of Students : NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. ? :Nil

29. Student progression : NA

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library : Besides Central Library, Department has a library with 60 books

b) Internet facilities for Staff & Students: YES

c) Class rooms with ICT facility: 01

d) Laboratories : NA

31. Number of students receiving financial assistance from college, university, government or other agencies : NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts : NA

33. Teaching methods adopted to improve student learning : Chalk and Board Method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NA

35. SWOC analysis of the department and Future plans : NA

## 9. Department of Microbiology

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department                      Microbiology
2. Year of Establishment                         1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)     UG - B.Sc. Microbiology
4. Names of Interdisciplinary courses and the departments/units involved - NIL
5. Annual/ semester/choice based credit system (programme wise) - CCSS
6. Participation of the department in the courses offered by other departments - NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. - Nil
8. Details of courses/programmes discontinued (if any) with reasons - NIL
9. Number of teaching posts

Designation	sanctioned	Filled
Professors	Nil	
Associate Professors	2	2
Assistant Professors	2	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 4 years
Dr. KK Anilkumar	M.Sc., Ph D.	Associate Professor & Head		18	Nil
Dr. Sarala Gopalakrishnan	M.Sc., M. Phil., Ph D.	Associate Professor	Medical Microbiology	18	Nil
Dr. Vinod N V	M.Sc., Ph D.	Assistant Professor	Applied Microbiology	4	Nil
Ms. Sushama T V	M.Sc.	Lecturer (Guest)		4	Nil

11. List of senior visiting faculty: NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty – Lectures =17% Practical = 14%
13. Student -Teacher Ratio (programme wise) 34: 1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled –01
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

No	Name	Qualification
1	Dr. KK Anilkumar	M.Sc., Ph.D
2	Dr.Sarala Gopalakrishnan	M.Sc., M. Phil., Ph D.
3	Dr. Vinod N V	M.Sc., Ph D.
4	Ms. Sushama T V	M.Sc.

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- NIL
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received-UGC Minor Project Rs. 50000/-
18. Research Centre /facility recognized by the University - NIL
19. Publications:
  - a) Publication per faculty
  - Number of papers published in peer reviewed journals (national / International) by faculty and students- 8
  - Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) -Nil
  - Monographs-Nil
  - Chapter in Books-1
  - Books Edited -Nil
  - Books with ISBN/ISSN numbers with details of publishers-Nil
  - Citation Index NIL
  - SNIP NIL
  - SJR NIL
  - Impact factor NIL
  - h-index NIL
20. Areas of consultancy and income generated NIL
21. Faculty as members in
  - a) National committees
  - b) International Committees
  - c) Editorial Boards....Nil

22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme- NIL
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies- Nil
23. Awards/ Recognitions received by faculty and students-Awarded Ph.D in Microbiology Faculty (Dr. Sarala Gopalakrishnan) - 2008  
Member:-State Nutrition policy Formulation team Govt of India(Dr K K Anilkumar)

Awards/ Recognitions received by Students 2006 onwards

Sl No	Name	Year	Award/Recognition
1	Ramya KV	2006	I Rank Kannur University
2	Anitha PV	2007	I Rank Kannur University
3	Soumya S Kamath	2008	I Rank Kannur University
4	Linda James	2008	II Rank Kannur University
5	Nivya CM	2008	III Rank Kannur University
6	Sajna Ravi	2009	II Rank Kannur University
7	Suprabha P	2009	NCC Best Cadet (Female)Kerala State, Selected and participated Republic Day pared New Delhi
8	Ragesh B	2009	NCC Best Cadet (Male) Kerala State, Selected and participated Republic Day pared New Delhi
9	Sneha K I DC	2009	'A' Grade Thiruvathira Kannur University Arts festival 2009
9	Neethu C	2009	University Champion Swimming (Butterfly stroke)
10	Silpa K IDC	2009	A' Grade Oppana (Women), Thiruvathirakali Kannur University Arts festival 2009
11	Silpa K II DC	2010	A' Grade Oppana (Women), Recitation Urdu Kannur University Arts festival 2009
12	Neethu KG	2010	I place in wrestling -Kannur University I place in power lifting-Kannur University II place in judo-Kannur University III place in Discus throw -Kannur University
13	Navaneeth Krishnan	2011	Selected for All India Thal sainik Camp (NCC) New Delhi

24. List of eminent academicians and scientists/ visitors to the department
1. Dr Ananthavally Consultant FAO
  2. TO Suraj IAS Director Department of Industries and Commerce Government of Kerala.
  3. Dr. Jayadeep Scientist E CFTRI
  4. Dr. Sajeesh Mathew
  5. Dr. Priyesh Stephen
25. Seminars/ Conferences/Workshops organized & the source of funding
- a) National – One National seminar on Quality Management Systems and HACCP funded by UGC
  - b) International- Nil
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled *M *F	Pass percentage
B. Sc Microbiology (CCSS)				
2006	101	34	4+26	97
2007	102	34	8+25	97
2008	102	34	7+26	85
2009	104	34	5 + 27	94
2010	140	34	2 + 30	97
2011	145	34	3 + 27	85
2012	203	34	3 + 29	81

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B Sc Microbiology	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc?

Since our department has only UG course, they are not immediately eligible to appear for the above said examinations. However students used to qualify National level examinations conducted by Universities like Cochin University, Manipal University, Kannur University, University of Calicut, MG University, MK University etc.



29. Student progression

student progression	against % enrolled
UG to PG	71.2
PG to M.Phil.	NIL
PG to Ph.D	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
• Campus selection	NIL
• Other than campus recruitment	NIL
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities

- a) Library – General and Department
- b) Internet facilities for Staff & Students-Department, Language lab, Library
- c) Class rooms with ICT facility -1
- d) Laboratories -1 for Core

31. Number of students receiving financial assistance from college, university, government or other agencies

List is summarized below:

Year	1	2	3	4	5	6	7	8	9	Total no. of students
2007	3	1	-	-	3	3	-	2	2	14
2008	3	3	-	-	3	4	1	4	1	19
2009	3	1	-	-	4	3	-	5	2	18
2010	3	-	-	-	2	4	2	3	2	16
2011	3	-	-	-	2	2	1	6	2	16
2012	3	-	-	-	2	2	2	7		16

1. PTA Proficiency Prize
2. PTA Cash award for University Rank Holders (Up to 2009-No ranks were given by University in the later years since CCSS was implemented)
3. PTA Best student of the year
4. Kerala State Suvarnajubilee Merit Scholarship
5. Post Metric Scholarship
6. Central sector scheme scholarship

7. Hindi Scholarship
8. Beedi workers scholarship
9. Thomas chandy endowment
  
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts-: Career Guidance, Seminars and Special Lectures by Experts outside the Institution: Mr.Sinosh, Mr.Priyesh, Dr Dinoj
33. Teaching methods adopted to improve student learning:  
Conventional & Innovative (Power Point presentations, Smart Board)
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:  
Blood grouping, Water quality analysis, AIDS awareness rally, antitobacco rally
35. SWOC analysis of the department and Future plans:  
Strength
  - All faculty members have research experience
  - Well equipped smart class room
  - Wi-Fi connectivity with high speed internet connectivity
  - Two of the faculties are the member of BOS of Kannur UniversityWeakness
  - Insufficient tie-ups between Industry and Institutions due to remoteness of the area
  - Poor socio economic and Educational Background of parents of the students
  - Opportunities
  - Consultancy and Extension Services by Faculty
  - Extending the Resources and Facilities to the Public/Neighboring Communities
  - Challenges
  - Policy of the State Government, not to sanction courses in the aided stream in Private Colleges.
  - Insufficient public transportation system
  - Future Plans
  - To develop the department as a research centre under Kannur University.

### 10. Department of Physical Education

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department: Physical Education
2. Year of Establishment: 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): NIL
4. Names of Interdisciplinary courses and the departments/units involved: Open Course
5. Annual/ semester/choice based credit system (programme wise): CSSS
6. Participation of the department in the courses offered by other departments: Open Course
7. Courses in collaboration with other universities, industries, foreign institutions, etc. NIL
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of teaching posts

	sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specializations	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mr. Raghunath P.	MPES	Assistant Professor	wrestling	7 years	Nil

11. List of senior visiting faculty: NA
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NIL
13. Student -Teacher Ratio (programme wise): NA
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

No	Name	Qualification
1	Mr. Raghunath P.	MPES

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
18. Research Centre /facility recognized by the University: NIL
19. Publications:
  - a) Publication per faculty : NIL
  - Number of papers published in peer reviewed journals (national / international) by faculty and students : NIL
  - Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): Na
  - Monographs: NA
  - Chapter in Books: NIL
  - Books Edited : NIL
  - Books with ISBN/ISSN numbers with details of publishers: NIL
  - Citation Index : NIL
  - SNIP: NIL
  - SJR: NIL
  - Impact factor : NIL
  - h-index : NIL
20. Areas of consultancy and income generated: NIL
21. Faculty as members in
  - a) National committees b) International Committees c) Editorial Boards.....: NIL
22. Student projects
  - a) Percentage of students who have done in-house projects including inter departmental/programme: NIL
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: NIL
23. Awards/ Recognitions received by faculty and students:  
Our NSS programme officer Sri. Raghunath P have been selected as the best programme officer of Kannur University respectively in the year 2010-2011..
24. List of eminent academicians and scientists/ visitors to the department: NIL
25. Seminars/ Conferences/Workshops organized & the source of funding
  - a) National: One
  - b) International: NIL
26. Student profile programme/course wise: NA

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	

27. Diversity of Students: NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc? ? : NIL

29. Student progression: NA

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a) Library: Central Library
- b) Internet facilities for Staff & Students: Yes
- c) Class rooms with ICT facility: 01
- d) Laboratories: NA

31. Number of students receiving financial assistance from college, university, government or other agencies: NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: NA

33. Teaching methods adopted to improve student learning:  
ICT oriented teaching and physical training

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Participation in NCC/ NSS

35. SWOC analysis of the department and Future plans:

Future Plans:

- We intend to apply for B.P.T. degree course
- Modification of the existing fitness centre
- Construction of Indoor Stadium with UGC grant.

### 11. Department of Physics

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the department: Physics
2. Year of Establishment: 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): B.Sc. Physics
4. Names of Interdisciplinary courses and the departments/units involved: Add-on course and open course
5. Annual/ semester/choice based credit system (programme wise) : CCSS
6. Participation of the department in the courses offered by other departments: Open course and Add-on course
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : NIL
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of teaching posts

	sanctioned	Filled
Professors		
Associate Professors	01	01
Asst. Professors	03	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Thomas Mathew	Ph.D.	Associate Professor	Solid State Physics	18	Nil
Mr. Prasanth P.	M.Sc, B.Ed	Assistant Professor	Statistical Mechanics	3	Nil
Mr. Ajith Kumar K.	M.Sc	Assistant Professor	Plasma Physics	2	Nil
Mr. Thomas Mathew	M.Sc	Assistant Professor	High Energy Physics	1	Nil

11. List of senior visiting faculty: NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NIL
13. Student -Teacher Ratio (programme wise):  
Core: 34:1  
Complementary: 34:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

No	Name	Qualification
1	Dr. Thomas Mathew	M.Sc, Ph.D
2	Mr. Prasanth P.	M.Sc
3	Mr. Ajith Kumar K.	M.Sc
4	Mr. Thomas Mathew	M.Sc

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: NIL

19. Publications:

a) Publication per faculty:

Dr. Thomas Mathew – 07

Mr. Thomas Mathew - 05

- Number of papers published in peer reviewed journals (national / international) by faculty and students
- Faculty -12
- Students - NIL
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NIL
- Monographs : NIL
- Chapter in Books NIL
- Books Edited : NIL
- Books with ISBN/ISSN numbers with details of publishers: NIL
- Citation Index : NIL
- SNIP: NIL
- SJR: NIL
- Impact factor -
- h-index -

20. Areas of consultancy and income generated: NIL

21. Faculty as members in  
National committees b) International Committees c) Editorial Boards.

Name of the faculty	Member of the Committee
Dr. Thomas Mathew	(1)Kannur university bos in electronics (2)Life member of semiconductor society (3)Member of society of advancement of physics
Mr. Prasanth P.	Member of society of advancement of physics
Mr. Ajith Kumar K.	Member of society of advancement of physics
Mr. Thomas Mathew	Member of society of advancement of physics

22. Student projects
- a) Percentage of students who have done in-house projects including inter departmental/programme: 100%
  - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: NIL
23. Awards/ Recognitions received by faculty and students:  
Dr.Thomas Mathew: Post Doctoral Fellowship at Keele University, UK.
24. List of eminent academicians and scientists/ visitors to the department:
1. Dr. Satheeshkumar. Government Brennen College, Tellicherry
  2. Mr. Hyson Thomas, Christian College, Chengannur
  3. Dr. M. Premasundran, Rtd. Scientist, DRDO
  4. Dr. Udayanandan, NAS College, Kanhangad
  5. Dr. Jijo P.U., Government College, Madapally
  6. Dr. Vincent Mathew , Associate Professor, Center University, Kerala
  7. Dr. Prakashan, Assistant Professor, Payyanur College, Payyanur
25. Seminars/ Conferences/Workshops organized & the source of funding
- a) National: NIL
  - b) International: NIL
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				*M	*F	
B.Sc. PHYSICS	2006	82	26	12	14	91.30
	2007	84	27	11	16	93.33
	2008	69	31	05	26	93.50
	2009	95	27	09	18	96.40
	2010	95	30	16	14	93.10
	2011	145	32	07	25	84.43
	2012	110	31	12	19	70.97



Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
				*M	*F	
OPEN COURSE	2011	42	42	12	30	100

\*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. PHYSICS	100	0	0
OPEN COURSE	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc?

Gate -3

Net - 2

29. Student progression

Student progression	Against % enrolled
UG to PG	81.6
PG to M.Phil.	NIL
PG to Ph.D	NIL
Ph.D. to Post-Doctoral	NIL
Employed	13.8
• Campus selection	2
• Other than campus recruitment	11.8
Entrepreneurship/Self-employment	NIL

30. Details of Infrastructural facilities

- a) Library: Besides Central Library, Department Library contains 100 books
- b) Internet facilities for Staff & Students  
Broadband Internet connectivity for the Staff in the Department and for the students in the Language Lab
- c) Class rooms with ICT facility  
Our department considered the possibilities of using Information Communication Technology (ICT) for improving the content, method and access of the subject of presentation. This method was practiced as a substitute to class room teaching, but it has supplemented our conventional methods. The new smart classroom enables us to improve our teaching learning process.

- d) Laboratories:  
We have a full fledged degree (core and complementary) lab with all experimental set up and sufficient computers. We also provide many of the advanced equipments for the project activities and further learning.
31. Number of students receiving financial assistance from college, university, government or other agencies: List is summarised below.

**PTA PROFICIENCY PRIZE (CASH AWARD FOR TOPPERS)**

<b>YEAR</b>	<b>I YEAR</b>	<b>II YEAR</b>	<b>III YEAR</b>
2005-06	Aswathi	Ranjith MV	Karthika
2006-07	Jeena	Aswathi	Ranjith MV
2007-08	Krishnendu	Jeena	Aswathi
2008-09	Ambika Muthu	Krishnendu	Jeena
2009-10	Veena Lakshmi	Ambika Muthu	Rajani
2010-11	Ramya	Jamsheena	Ambika Muthu
2011-12	Tince Benedict	Ramya	Veena Lakshmi

**PTA Cash Award**

**(The rank holders in university Examination)**

<b>BATCH</b>	<b>NAME</b>	<b>RANK</b>
2005-08	Aswathi P	III

**PTA Cash Award**

**(Best Student in each department)**

<b>YEAR</b>	<b>NAME OF THE STUDENTS</b>
2004-2005	RAJIMOL G.
2005-2006	KARTHIKA M.R
2006-2007	RENJITH M.B
2007-2008	ASWATHI. P (III Rank)
2008-2009	JEENA THOMAS
2009 - 2010	RAJANI K. V.
2010 - 2011	AMBIKA MUTHU
2011- 2012	VEENALAKSHMI

**KERALA STATE SUVARNA JUBILEE MERIT SCHOLARSHIP**

2007-08	2008-09	2009-10	2010-11
Preethi M Rajimol PK Vindhya N Roshin Jose Gireesh K Pradeep M	Divya P Ramya Joy Anju K Ambika Muthu Sreelatha KV	Anju K Ambika Muthu Ramya Joy Sreelatha KV Divya P Preejith M Sarika PV	Syamily Balachandran

**POST METRIC SCHOLARSHIP**

2008-09	2009-10	2010-11	2011-12
Dona Maria Jose Snehamol James	Brilla Joseph Danish KR Robin George Jamsheena P Anju Kurian Arun George Ajith P Thomas Kavitha K John Daisy Stephen Priyanka Kurian	Vinay ME Kavitha K John Daisy Stephen Robin George Arun George	Christy Maria Joy Jismy Joseph Jisna Jain Daisy Stephen Arun George Vinay ME Kavitha K John Brilla Joseph Robin George Jamsheena P

**SRI JOSEPH CHANDY SCHOLARSHIP**

2008-09	2009-10	2010 - 11	2011-12	2012-13
Arun R Krishna Vimal Abraham	Sajana M Vinod P	Krishnendu C. Subhbhalakshmi P.	Veenalakshmi Jamsheena P.	Shinobi K. Tinu Ann Jose

**CENTER SECTOR SCHEME SCHOLARSHIP**

2008-09	2010-11	2011-12
Divya PV Ramya Das Dhanya M Ambika Muthu	Manu John	Manu John Tince Benedict Hemanth MJ Arjun MA Aswathi KM Veena KV

HINDI SCHOLARSHIP

2011-12
Saritha TV Sandhya P Priyanka Balan Mineesha P Nayana M Revathi M Ranjith P

BEEDI WORKERS SCHOLARSHIP

2006-07	2007-08	2008-09	2009-10
Sreena C Sujith PV Divya Lakshmi Anitha K	Sreena C Soumya P Preethi M Babitha P Reshma V	Divya Pv Krishnendu C Dona Maria Jose	Sarika PV Divya PV Sumith U

2010-11	2011-12	2012-13
Sarika PV Diuvya PV Sumith U Ajith S Rahul V Ranjith P	Ranjith P Rahul V Pragathi PK Shilpa M Revathi M Shinju TV	Shinju TV Pragathi PK Revathi M Rejitha P

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Date	Name and address of the Resource Person	Topic of Lecture
17 -01- 2006	Dr. Satheeshkumar. Government Brennen College, Tellicherry	Medical Application of Lasers
23-11-2006	Mr. Hyson Thomas, Christian College, Chengannur	Introduction to Nanotechnology
10 – 08 -2007	Dr. M. Premasundran, Rtd. Scientist, DRDO	High Power Laser Devices
13 – 12- 2008	Dr. Udayanandan, NAS College, Kanhangad	Lecture on Quarks
23 – 10 -2009	Dr. Jijo P.U., Government College, Madapally	Quantum Mechanics on daily life
02 – 11 –	. T.V.Sufi , Principal, in	Recent trends in Physics

2010	Charge, Balal H.S.S. School	
20-12-2011	Dr. Vincent Mathew , Associate Professor, Center University, Kerala	Introduction to Superconductivity
04-01-2013	Dr. Prakashan, Assistant Professor, Payyanur College, Payyanur	Introduction to Nuclear Physics

33. Teaching methods adopted to improve student learning
- Interactive learning methods.
  - ICT enabled Teaching Learning using smart boards
  - FINE
  - Remedial Classes.
  - Seminars Presentations.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities
- Students of the Department have been active in NSS, NCC, the College
  - Faculty Members are Co-ordinators of various Clubs/Organizations and
  - Associations of the College such as NSS, Tourism Club, etc. Union and the activities of various Clubs and Associations.
35. SWOC analysis of the department and Future plans
- Strength:
- ICT enabled teaching and learning.
  - Wi-Fi connectivity with high speed internet connectivity
  - Smart class room
  - One of the faculty is the member of BOS of Kannur University
  - There is sufficient number of reference and text books in the library on the subject.
- Weakness:
- The syllabus is extensive in the CCSS
  - Insufficient tie-ups between Industry and Institutions due to remoteness of the area
  - No PG and Research Programmes, due to Government policy.
  - Insufficient public transportation system
  - Poor academic and financial background of the students and parents.
- Opportunity:
- Educational empowerment of the rural and tribal students.
  - Extending the Resources and Facilities to the Public/Neighbouring Communities
  - To serve educationally disadvantaged sections of the community

Challenges:

- Policy of the State Government, not to sanction course in the aided stream in the Private College
- To achieve cent percent result

Future Plans:

- To upgrade the department as the Research Centre in Physics of Kannur University.
- To conduct a National Seminar on Recent Trends in Material Science.
- To strengthen the Departmental Alumni Association.
- To conduct one Major Research Project.
- To extend facilities of our laboratories.
- To conduct more number of personality and soft skill development classes for the UG students.
- To use more Physics software in the processes of teaching and learning.
- To subscribe to more journals.
- To bring in experts from academic field/industry to have a face to face interaction with students on a regular basis.
- The department intends to raise a Poor Aid Fund to help economically weaker students

## 12. Department of Physiology

The Self-evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of the data.

1. Name of the Department: Physiology
2. Year of Establishment: 1995
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):  
Complementary course of the B.Sc. Microbiology
4. Names of Interdisciplinary courses and the departments/units involved:  
NIL
5. Annual/ semester/choice based credit system (programme wise): CSSS
6. Participation of the department in the courses offered by other departments: NIL
7. Courses in collaboration with other universities, industries, foreign institutions, etc. NIL
8. Details of courses/programmes discontinued (if any) with reasons: NIL
9. Number of teaching posts

	sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	02	1+ 1 FDP Guest

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Mrs. Shiju Jacob	M.Sc., M.Phil.	Assistant Professor	Zoology	10 years	Nil
Anitha Kumari	M.Sc., B.Ed	Assistant Professor ( FDP Substitute)	Zoology	2 years	Nil

11. List of senior visiting faculty: NIL
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NIL
13. Student -Teacher Ratio (programme wise): 32: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.
- | No | Name              | Qualification |
|----|-------------------|---------------|
| 1  | Mrs. Shiju Jacob  | M.Sc, M.Phil  |
| 2  | Mrs. Anithakumari | M.Sc., B.Ed   |
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: NIL
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL
18. Research Centre /facility recognized by the University: NIL
19. Publications:
- a) Publication per faculty : NIL
  - Number of papers published in peer reviewed journals (national / international) by faculty and students : NIL
  - Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): NA
  - Monographs: NA
  - Chapter in Books: NIL
  - Books Edited : NIL
  - Books with ISBN/ISSN numbers with details of publishers: NIL
  - Citation Index : NIL
  - SNIP: NIL
  - SJR: NIL
  - Impact factor : NIL
  - h-index : NIL
20. Areas of consultancy and income generated  
The consultancy services are provided free of cost and therefore no income has been generated
21. Faculty as members in  
a) National committees b) International Committees c) Editorial Boards.....: NIL
22. Student projects  
a) Percentage of students who have done in-house projects including inter departmental/programme: NIL  
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: NIL
23. Awards/ Recognitions received by faculty and students: NIL .
24. List of eminent academicians and scientists/ visitors to the department: NA
25. Seminars/ Conferences/Workshops organized & the source of funding  
a) National: NA



b) International: NA

26. Student profile programme/course wise: NA

Name of the Course/programme (refer question no.4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	

\*M=Male F=Female

27. Diversity of Students: NA

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc. ? : NIL

29. Student progression: NA

Student progression	Against % enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D	
Ph.D. to Post-Doctoral	
Employed	
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul>	
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) Library: Central Library

b) Internet facilities for Staff & Students: Yes

c) Class rooms with ICT facility: 01

d) Laboratories: 01

31. Number of students receiving financial assistance from college, university, government or other agencies: NA

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: NA

33. Teaching methods adopted to improve student learning  
Remedial teaching and FINE

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NA

35. SWOC analysis of the department and Future plans: NA

### **Post-accreditation Initiatives**

Highlights of the significant quality sustenance and enhancement measures undertaken by the institution since the previous assessment and accreditation.

The college is now having five UG courses in the Government aided stream and one PG course in self financing scheme. We have actually applied for P.G. Courses such as M.S.W, M.B.A, MCA, M.Sc. Physics and M.A, Development Economics through self financing scheme as the state Government is facing financial crisis. However the Government has given sanction to commence only M.A Development Economics programme.

After the previous accreditation, college implemented the CCSS system which included ICT and environmental oriented subjects. In order to empower students with employability, we started five Career oriented add – on courses. Among them two are functioning with financial assistance from U.G.C, besides conducting a certificate course in Human Rights Education.

To attain equity in academic excellence, we conduct special remedial coaching for disadvantaged students in all programmes offered by this college. This coaching is organized with the financial aid of UGC. Along with academic achievements, Education in Human Values (EHV) Programmes has been conducted in the college for the dissemination of human values among the students. This programme funded by UGC, is also extended to benefit teachers of neighboring institutions. We conducted two certificate courses with U.G.C assistance for teachers viz., (i) certificate course on Human Values and Value Eliciting Techniques and (ii) Value Based Parenting Programme. Thus the institution works as value dissemination centre in the locality. College also organizes “Entry in Services Coaching Programme” such as to face the various competitive examinations of UPSC, KPSC, Banks, etc for our students as well as the local youth free of cost. This programme is also financed by UGC.

We conduct post diagnostic test to identify advanced learners, and slow learners from the year 2008-09 onwards so that special attention could be given to the slow learners. Revamped FINE learning process by grouping advanced learners with slow learners to motivate bright students and encourage slow learners. During Annual day celebrations we honour the rank holders, recipients of Endowments, Proficiency prize for toppers in every class. The prizes are sponsored by PTA, Management, and Alumni. Meritorious alumni are invited to conduct seminars in order to motivate the students. We have also provided free internet facility in departments for students and teachers from the year 2009-10 for academic purposes. Smart classrooms for ICT enabled learning were introduced.

Department- wise result analysis is done every year in Departmental staff meetings and college council. The analysis is also presented to the Management of the College. Computerized Student Information System to monitor attendance and progress of students has been launched in the year 2008. Memberships in Professional bodies for faculty members are encouraged to inspire them to get acquainted with latest developments in their areas. Most of our teachers became members of professional bodies like: Society for Advancement of Physics Education (SAPE), Life Member of Indian Semiconductor Society, life member of Indian Economic Association (IEA), Fossils, etc.

The research committee takes special efforts to motivate the faculty to apply for major and minor research projects. During the last five years after accreditation, one major and twelve minor projects have been completed and at present there are three ongoing minor and one major projects.

It also encourages the faculty members to apply for more projects and for acquiring higher educational qualifications. As a result 11 major/minor projects have been completed in the past. There are six ongoing minor/major projects. Four members of the faculty have completed their Ph. D and two are pursuing Ph.D under FIP, while five assistant professors are doing part-time research.

The number of books in the library has been increased from 5927 to 12500. More PCs with internet broadband connectivity are added in the library and plan for expansion of library has been submitted to UGC and an amount of RS. 17, 50,000 /- has been sanctioned for the same. As we get the first installment from UGC, construction activities will begin. As we have constructed a new auditorium, the present auditorium shall be used for extending the area of reading room. Lights and fans are fitted in all the classrooms and sufficient light provided in the campus.

The following are the quality substance and enhancement measures undertaken by the institution with regards to infrastructure and learning resources: - (i)INFLIBNET, (ii)Class room with smart board, (iii) Separate library website ([http://www. Stpiuslibrary.yolasite.com](http://www.Stpiuslibrary.yolasite.com)) , (iv)Introduction of 'Brownie Charging and Discharging' system , (v) Construction of play ground, (vi)PG block, (vii) seminar hall , (viii)arch and gate , (ix)Re construction of Canteen, (x)Vehicle parking for students ,(xi) Construction of a new auditorium and (xii) Fitness centre for the students with UGC assistance.

We conduct PTS (Parent – Teacher and Students) meeting to reduce drop – out rates and to assess teaching learning progress of the students. A career guidance and counselling cell is made operational to cater to the psycho – social needs of the students. ED club is started in the college to develop and

instill entrepreneurial skill among the students. They are highly encouraged to participate in the 'Youth Exchange Programmes' organized by the NCC and NSS officials.

Accommodation on rental basis is arranged by the management using financial aid from the UGC to enhance the welfare of the staff members. The Animation Club plans common celebrations of festivals and special occasions of individual staff members. In connection with the Centenary Celebrations of Kottayam Diocese, the management has constituted family medical insurance coverage to the staff and their family, called 'Pius Medi-claim'.

Reallocation of non teaching staff has been done according to the needs of each department. In order to support the single faculty departments applications have been forwarded to the Government for starting UG courses in the concerned departments and also for post creation. The management has taken initiative and requested to the Government and the Director of Collegiate Education to change the non teaching staff pattern from 'E' to 'D' Category so that the service of sufficient number of non-teaching staff could be provided. In the place of guest lectures, all the existing posts are filled with regular faculty. The management has allocated more financial resources to undertake the construction of required infrastructural facilities like renovation of canteen, construction of Arch and gate, new play ground, Auditorium etc.

The College, in its quest for excellence has always strived to keep pace with the changing global educational scenario. It has contributed to the cause of national development by giving quality education to the children of the migrant minority community, SC/ST/OEC etc. settled in the hilly areas of Malabar and the student population of this educationally and economically backward locality. To develop global competencies of the students, the institution offers special coaching in competitive examinations, computer literacy programs and career oriented add-on courses. To inculcate a value system among students, value education programmes and social service programmes are conducted. Recognizing the importance of promoting the use of technology, the IQAC has been entrusted with the task of promoting ICT based learning techniques. Smart class rooms, free broadband internet connections in departments, central computing facilities etc are initiatives to promote the use of technology. The institution, from the very beginning was conscious of the need for promoting excellence. Constituting IQAC and opting for re-accreditation are also a part of the institution's endeavors to strive for excellence.

**Declaration by the Head of the Institution**

I certify that that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution  
with seal:

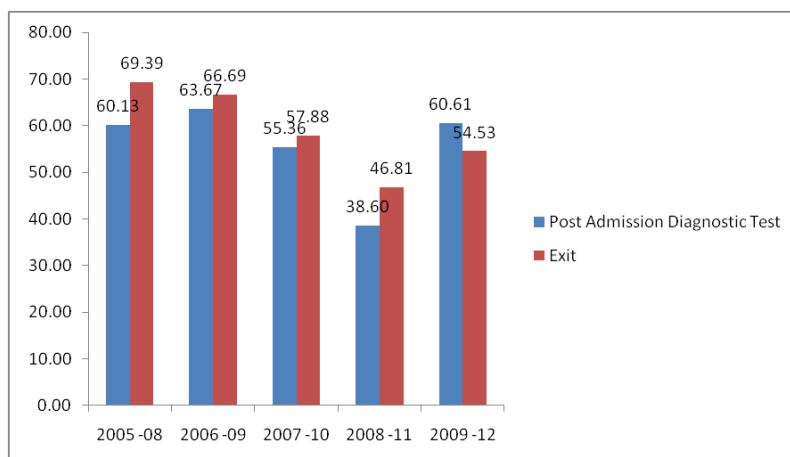
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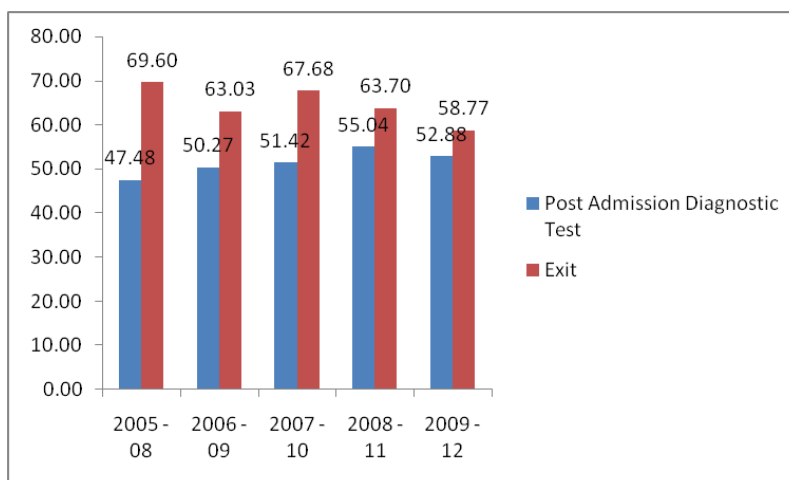
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**Entry Exit Analysis**

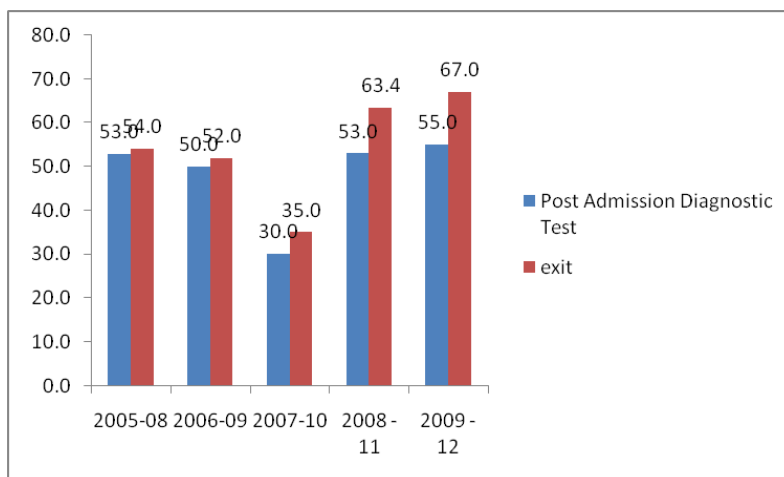
**MICROBIOLOGY**



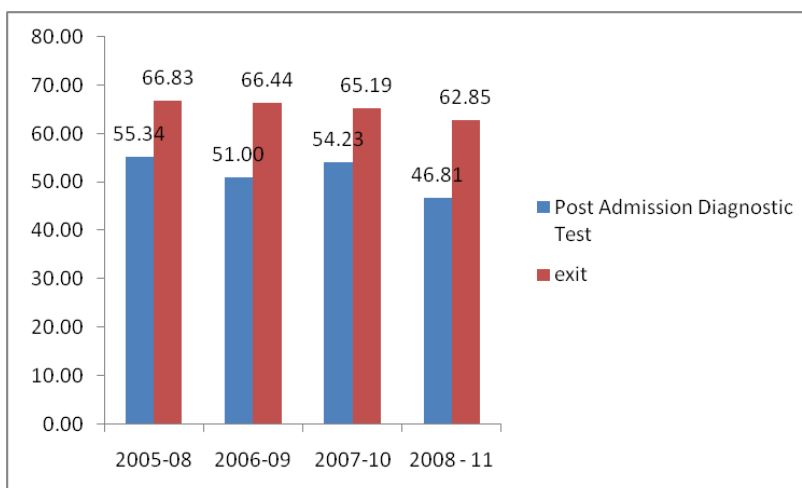
**COMPUTER SCIENCE**



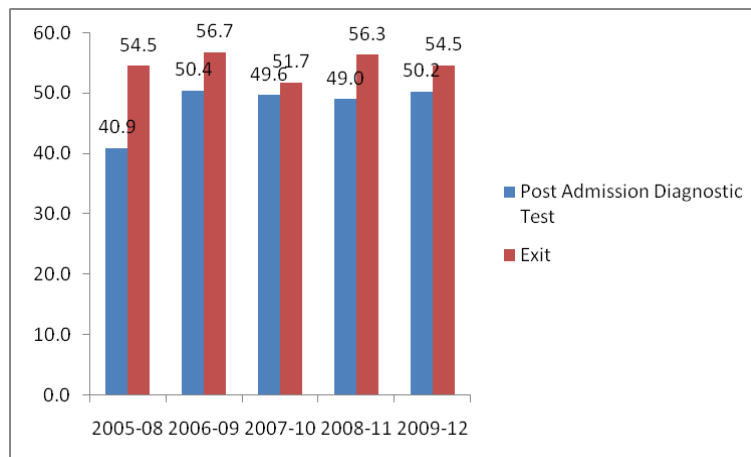
### **BUSINESS ADMINISTRATION**



### **PHYSICS**



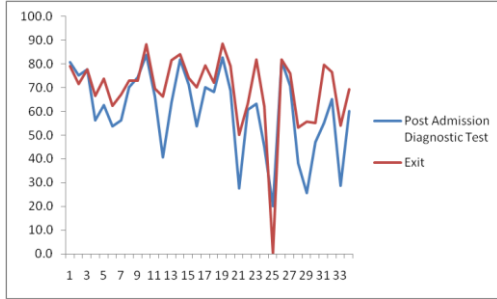
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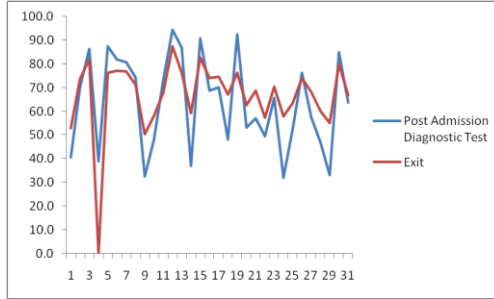


**MICROBIOLOGY**

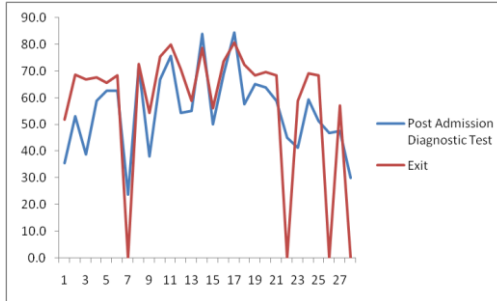
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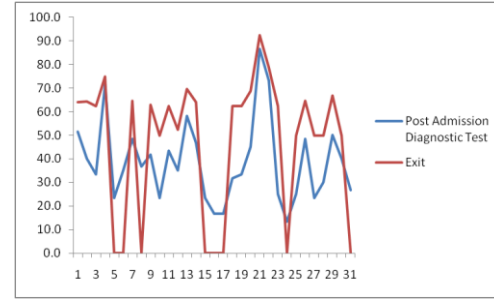
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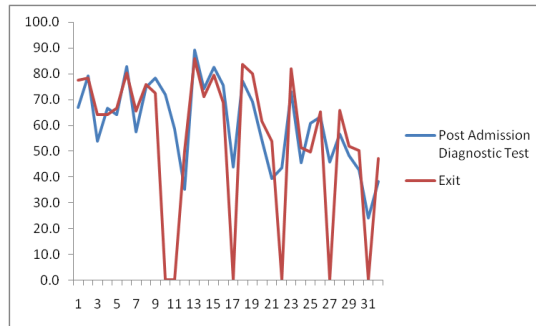
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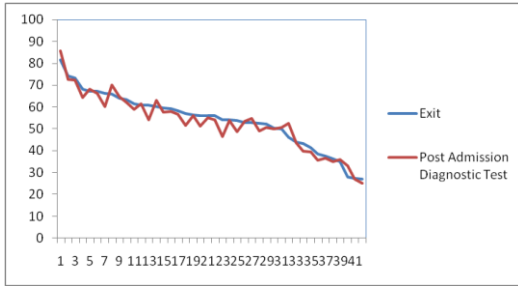


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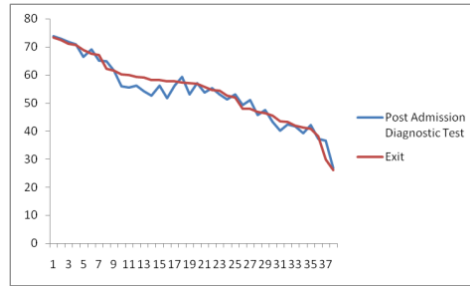


BUSINESS ADMINISTRATION

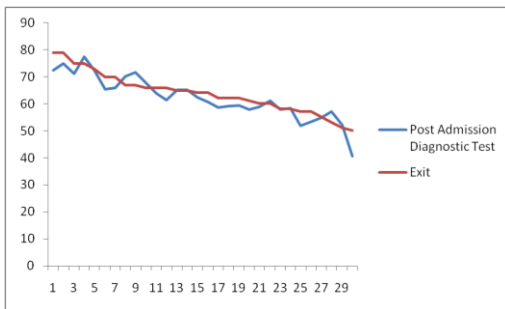
2005-08



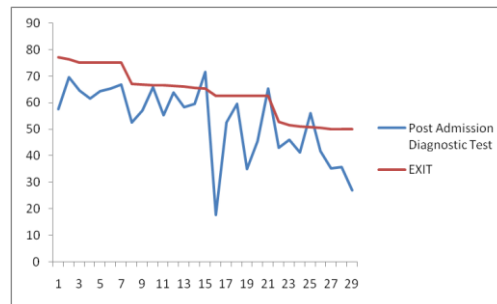
2006-09



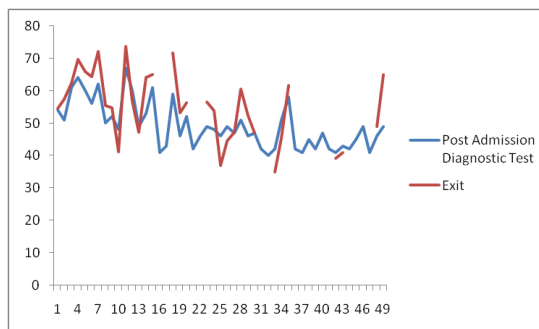
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2008-11

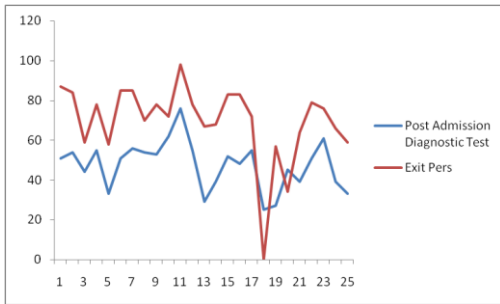


2009-12

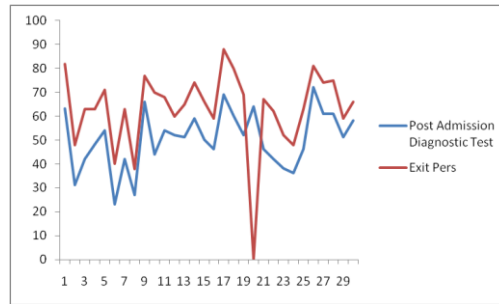


COMPUTER SCIENCE

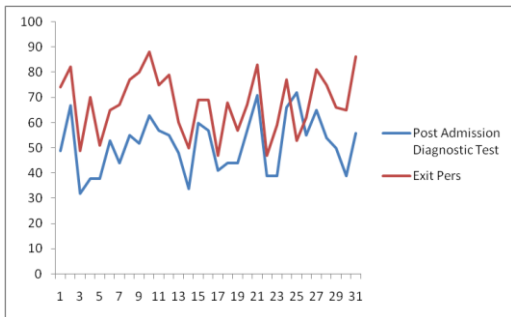
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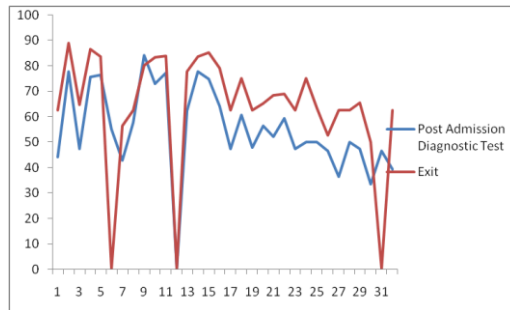
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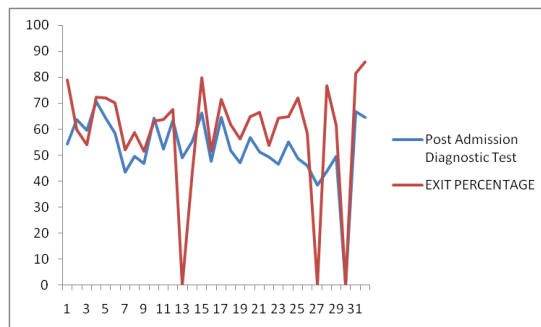
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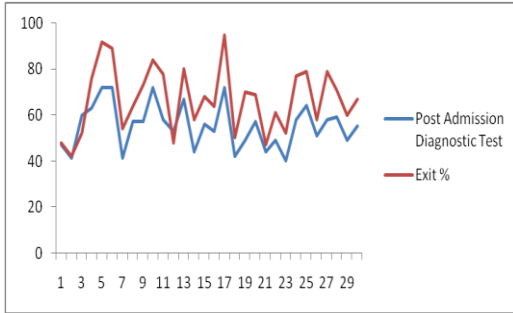


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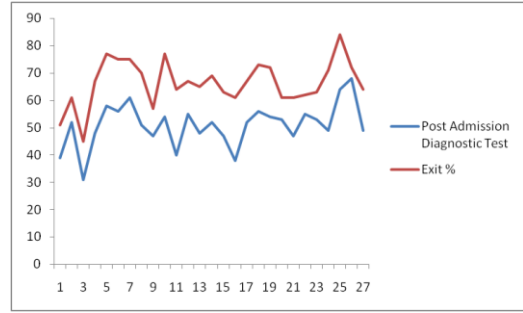


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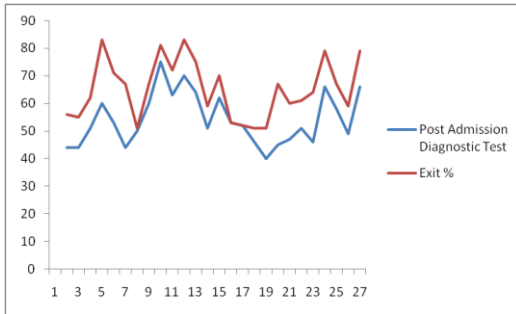
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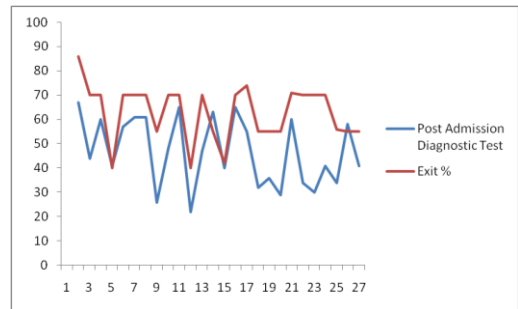
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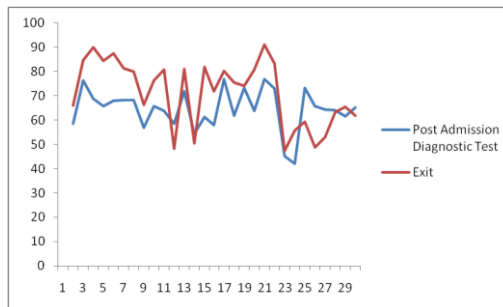
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2008-11

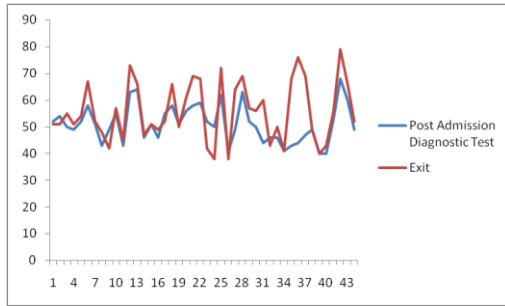


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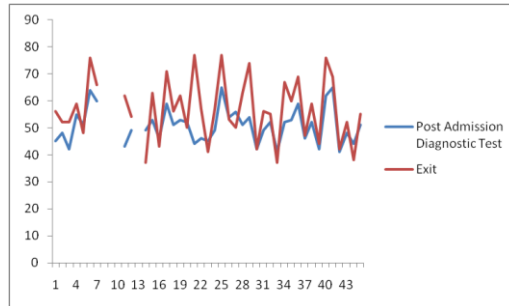


**ECONOMICS**

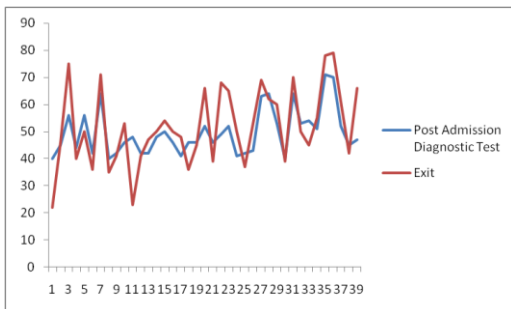
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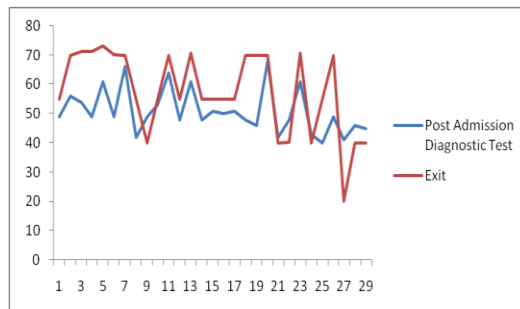
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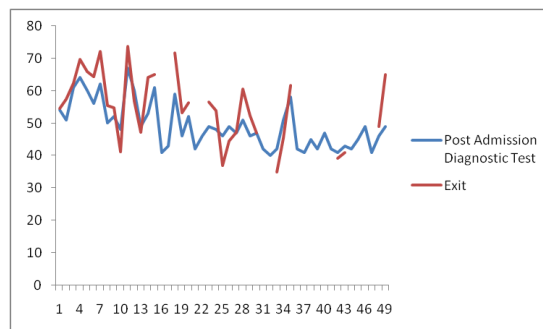
**2007-10**



**2008-11**



**2009-12**



**Annexure II:**

**Papers Published**

Faculty	Journal; vol.	Title	Year
Dr. George Mammen	1.Sangrathan. A literary magazine of, HRD New Delhi.	Female Novelists And Modernization	2008
	2.Sangrathan. A literary magazine of, HRD New Delhi.	Hindi Katha Sahitya mem sthree lekhan ki yathree	2009
	3.Sangrathan. A literary magazine of, HRD New Delhi.	Hindi folk Novels:A Special Perspective	2009
	4.Hindi Sahithya Mandal Patrika –Literary Magazine of Kerala Sahitya Academy	The WomenCharacters Discussed in Dheer Sameera	2010
	5.Shodh manch-Literary journal of Hindi Dept , St Thomas college Pala.	Nagarjun Ke Sampurna Kavithaum ka alojanamak Adhyayan	2010
	6. Journal of S.P. Mandal Arts and Science college, Raibag, Belgam.	Dalit sahithya aur adhunik hindi kahani	2011
Dr. Fed Mathew	1.Authorspress, New Delhi	Later day psalms: a post colonial reading	2009
	2.The Influence of Multiculturalism on Marati Culture and Language	<i>Mapping of Linguistic Identity</i> ; Proceedings of National Seminar, Kasaragod, 2009.	2009
	3.Women’s Voices : A	<i>Eco-feminism : a</i>	2010

	critical Investigation.	<i>Critique</i> , National seminar proceedings : Brehnan Coll . Tellicherry.	
	4. Journal of Literature and Aesthetics: Vol.12, Issue 1 S .N. collegeQuilon .	Kamala Das' Woman Representations : Feminist & Foucauldian Reading.	2012
Dr. Sarala Gopala Krishnan	1. Indian drugs	In Vitro Antimicrobial effect of <i>Punica granatum</i> on bacterial pathogens causing urinary tract infections	2009
	2. Proceedings of 22 <sup>nd</sup> Kerala Science Congress	<i>In Vitro</i> Antibacterial activity of metholic extract of fruit pericarp of <i>Punica granatum</i> against respiratory tract pathogens isolated from patients	2010
	3. Journal of Pharmaceutical and Bio medical sciences, Vol. 3	Anti microbial effect of <i>Punica granatum</i> on bacteria	2010
	4. Medicinal plants, vol. 3	Anti protozoal activity of 2,3 dihydroxy benzoic acid isolated from fruit extract of <i>Flacourita inermis</i> Roxb	2011
Sri Binu P.J.	Journal of Instrument Society, India	A new Experimental Set up for measuring magnetostriction	2009
Dr Thomas	Journal of Crystal	Single crystal growth	2005

Mathew	growth(275, 2005, 651-656)	and photoelectrochemical study of copper tungstate	
Dr Asha Chacko	1.J.Appl.Polym. Sci. (6,5, 1897-1905	A comparison of nature of support on Oxidation Behaviour of Polystyrene – supported polyoxyethylene bound permanganate	2005
	2.Journal of Chemistry, 19, 2502-2516.	Polystyrene-sup. polyoxyethylene bound permanganate as oxidising agent : effect of the Nature of crossing linking on oxidation...	2007
	3.J. of Chem. & Pharmaceutical Sci. (communicated)	Oxidation Behaviour of permanganate functions...	2011
Sri Thomas Mathew	1)Journal of High Energy Physics 01 , 010.	Jet Production Rates in Association with W and Z Bosons in pp Collisions at $\sqrt{s} = 7$ TeV	2012
	2) Phys.Rev.Lett. 107 (2011) 271802	Search for a Vector-like Quark with Charge 2/3 in $t + Z$ Events from pp Collisions at $\sqrt{s} = 7$ TeV	2011
	3)Phys.Rev.Lett. 107 (2011) 221804	Search for Supersymmetry at the LHC in Events with Jets and Missing Transverse Energy	2011
	4)Journal of High Energy Physics 1110, 007	Measurement of the Drell-Yan Cross	2011
	5) Journal of High Energy Physics ,1108, 141		2011



		Section in pp Collisions at $\sqrt{s} = 7$ TeV Dependence on pseudorapidity and centrality of charged hadron production in PbPb collisions at a nucleon-nucleon centre-of-mass energy of 2.76 TeV -	
Dr Vinod N.V.	<ol style="list-style-type: none"> <li>1. Appl Biochem Biotechnol.160:17 52-1759. (Impact Factor: 1.42).</li> <li>2. Ind J of Biophy and Biochem. 47, 53-55. (Impact Factor: 0.574).</li> <li>3. Ind.J of pharmacology.43, 91-92. (Impact Factor: 1.08).</li> <li>4. Molecular simulation: (Accepted) (Impact Factor: 1.028)</li> <li>5. Ind J</li> </ol>	<p>Inhibition of betalactamase by 1,4-Naphthalenedione from the plant <i>Holoptelea integrifolia</i>. Antibacterial principle against beta lactam resistant <i>S.aureus</i> from <i>Holoptelea integrifolia</i> Screening of medicinal plants for antibacterial principles against <math>\beta</math>-lactam resistant strains</p> <p>Role of invariant water molecules in retaining the active site geometry of betalactamase: Inhibition of Beta-lactamase by hydroquinone from</p>	<p>2010</p> <p>2010</p> <p>2011</p> <p>2011</p> <p>2011</p> <p>2011</p>

	Microbiology.(Communicated)	the plant Pongamia pinnata and its molecular modeling studies	
	6. Journal of Molecular Structure, Theochem. (Communicated)	'Effect of Temperature on the active site conformation of enzymes: A molecular dynamics simulation study using $\beta$ -Lactamase as a model.	
Dr. R. Satheesh Kumar	A Book on " Human rights in values in Education"	Discovery books New Delhi	2009

**Annexure III**

**Seminar / workshop conducted in last five years**

No.	Name of Department	Seminars/ Workshops Conducted	Year	Financed by/ Organized by
1	Devt. Economics	Eco-tourism	2006	UGC
2	Value club	Workshop on Human values	2006	Value club
3	Physical Education	Health and Wellness	2006	UGC
4	Value club	Workshop on Human Values	2007	UGC
5	Microbiology	Quality Management systems and HACCP for Food Industries	2007	UGC
6	Value club	Moolya Sanganamam	2008	Value club

7	Value club	Seminar on Value based parenting practices	2008	Value club
8	Value club	Moolya Sanganamam	2009	Value club
9	Computer Science	IT fest for Higher secondary and colleges.	2009	Computer Association
10	Devt. Economics	An orientation programme on ICT proficiency	2010	Kerala State Higher Education Council
11	Devt. Economics	Workshop on Methodology of social science	2010	Kerala State Higher Education Council.

**Annexure IV**

**Seminars/ workshops in 2008- 2009**

No.	Name of staff	Seminars/ Workshops Attended	Date	Organized by/ Resources person /place
1.	Dr. George Mammen	National Seminar on Trends in Hindi contemporary literature	10/2008	Nirmalagiri college, Kuthuprambu.
2.	Dr. Fed Mathew	International Seminar on German Encounter	03/ 2008	Kanhangad
		National Seminar On Post- Colonial Studies	09/2008	NAS, Kanhangad
		International Seminar on Folklore	10/2008	Kanhangad
		Orientation programme	10/2008	By Kerala State Higher Educational Council, Thiruvananthapuram

3	Dr. Sarala Gopalakrishnan	Two day work shop on curriculum design for B.Sc. Microbiology course of University of Calicut	02-03-2009 & 03-03-2009	SEC Calicut university, Calicut
4	Dr. R. Satheesh Kumar	1. Five days workshop for restructuring Economics UG Curriculum	26/02/09, 27/02/09, 18/03/09, 19/03/09 & 20/03/09	Payyanur college, Payyanur.
		2. Training Programmes for teachers in Social sciences	14/03/2009	BelliKoth institute for rural Entrepreneurship development, Kanhangad, Organised by CDS, Trivandrum
		3. UGC National Seminar on “Economic development & Environment – some reflections on macro problems and micro solutions”	26-09-2008	The Post Graduate Dept. of Economics, S. N. College, Kannur.
5	Dr. C.K.Luckose	Five days workshop for restructuring Economics UG Curriculum	26/02/09, 27/02/09, 18/03/09, 19/03/09 & 20/03/09	Payyanur College, Payyanur.
6	Mrs. Jjikumari	Five days workshop for restructuring Economics UG Curriculum.	26/02/09, 27/02/09, 18/03/09, 19/03/09 & 20/03/09	Payyanur College, Payyanur.
7	Dr. Thomas Mathew	Five days workshop for restructuring Physics UG Curriculum	05/03/09, 06/03/09, 24/03/09,	S.N. College, Kannur

			25/03/09, 26/03/09	
8	Mr. Binu P.J.	1. Two days workshop for restructuring Physics UG Curriculum	05/03/09, 06/03/09	S.N. College, Kannur
		2. UGC and KSCSTE sponsored National Seminar on "Current Advances in Chemical Science"	26/11/2008 & 27/11/2008	Dept of Chemistry, S.H. College, Thevara.
		3. Second International Conference on Frontiers in Nanoscience and Technology, 'Cochin Nano-2009'	3/01/2009, 02/01/2009 & 06/01/2009	Dept. of Physics, CUSAT, Cochin
9	Mr. Jinesh Thomas	1. Five days workshop for restructuring Mathematics UG Curriculum	05/03/09, 06/03/09, 24/03/09, 25/03/09, 26/03/09	S.N. College, Kannur
		2. Two day workshop for college teachers in connection with MTS & NP – 2008	02/04/08 & 03/04/08	NBHM
		3. National Seminar on Analysis & differential equations	26/06/08 & 27/06/08	City of Calicut
		4. Mathematics Talent search & Natural programme	05 to 28/05/08	Calicut
12	Mr. Prasad P.J.	Five days workshop for restructuring BBA UG Curriculum	05/03/09, 06/03/09, 24/03/09, 25/03/09, 26/03/09	S.N. College, Kannur
13	Mr. Thomas Scaria	Five days workshop for restructuring Computer Science UG Curriculum	05/03/09, 06/03/09, 24/03/09, 25/03/09, 26/03/09	Kannur University, Kannur
14	Mrs. Shyma S.G.	National Integration Camp	20/12/09 to 31/12/09	M.A. College, Kothamngalan

15	Regunath P.	1) UGC sponsored two day National Seminar on Hypo Kinetic Diseases, Health and Modern Society	28/08/08 & 29/08/08	Keyi Sahib Training Institute, Karimbam
		2) UGC sponsored two day National Seminar on Health, Fitness, Well Being and Physical Education	11/03/09 & 12/03/09	Calicut University
		3) Two day workshop on Yoga	1-06-08 to 20/06/08	Kannur University
16	Mrs. Shiju Jacob	Five days workshop for restructuring Physiology UG Curriculum	05/03/09, 06/03/09, 26/03/09 & 28/03/09	Kannur University
17	Mr. Shino P. Jose	Internal Workshop on Corporate Investment and Communication S	11/ 2008	Calw University, Germany
18	Dr. N.V.Vinod	‘Studies on molten globule state of beta lactamase and its affinity towards substrate	01/ 2009	21 <sup>st</sup> Kerala science congress, Thrissur

**Seminar / workshop attended in 2009- 2010**

No.	Name of staff	Seminars/ Workshops Attended	Date	Organized by/ Resources person /place
1.	Dr. George Mammen	National Seminar on Dalit Sahitya	10/11/2009	Government Brenen College, Thalassery.
2.	Dr. Fed Mathew	1) International Seminar	12/01/2009 & 13 /01/2009	Resource person, School of Indian Languages, NIL eswaram
		2) National Symposium	11/3/2010	Central University, Kerala, Kasaragod.

		3) Regional Seminar	17/2/2010	Resource Person, NAS, NIL eswaram
3	Dr. Sarala Gopalakrishna n	1) Orientation Programme for College Teachers on methodology	22/07/2009 & 23/07/2009	Kerala State H.E. Council, Trivandrum.
		2) National Seminar on Microbiology	12/01/10 & 13/01/10	Dept. of Life Sciences, University of Calicut.
4	Dr. Thomas Mathew	1. One day workshop on Choice Based Credit Semester system	25/09/2009	NAS College, Kanhangad
		2. Workshop on Methodology of Science for Teachers	12-12-2009	PRNSS College, Mattannur
5	Mr. Prasanth P.	One day Seminar on Cosmology	07-11-2009	Christ College, Irinjalakuda
6	Mr. Jinesh Thomas	1. National Seminar in Perspective Geometry	27-01-10	Government College, Kasaragod.
		2. Seminar on Spectral Theorem	15/06/2009 & 16/06/ 2009	KSOM, Kozhikode
		3. National Seminar on Operator Theory	1 & 2 <sup>nd</sup> Oct. 2009	Payyannur College
7	Mrs. Shyma S.G.	Region – wise workshop on grading	01-09-09	NAS College, Kanhangad
8	Dr. R. Satheesh Kumar	International seminar on “Globalisation and Sustained Development – some value bases issues in Economic Methodology”	10/2009	University of Kerala Thiruvananthapuram

9	Mrs. Jijikumari	1. Seminar on Theatre Studies- Nadaka Nadaanum	28/10/2009	Dept. Of Malayalam, Government Brennen College, Tellicherry Dept. Of Physics,
		2. National Seminar on 'The Paradigm of Quantum Mechanics'	3/11/2009	Government Brennen College, Tellicherry
		3. National Seminar on Samakaleen Dalit Sahithya	23/10/2009	Dept. Of Hindi, Government Brennen College, Tellicherry
		4. National Seminar	6/10/2009 to 7/10/2009	K,MM.Government Women's College, Kannur
		5. 17 <sup>th</sup> Decadal Celebration of Basel Mission	12/10/2009 to 13/10/2009	Government Brennen College, Tellicherry
10	Thomas Scaria	Orientation Programme for College Teachers	22/07/2009 To 23/07/2009	Kerala State Higher Education Council, Trivandrum

**Seminar / workshop attended in 2010- 2011**

No.	Name of staff	Seminars/ Workshops Attended	Date	Organized by/Resources person /place
1.	Dr. George Mammen	IT Work Shop	12/ 2010	St. Pius X College, Rajapuram
2.	Dr. Fed Mathew	1. National Seminar on Eco – Feminism	08/ 2010	Government Brenner College, Thalassery.
		2. National Seminar on Eco – Politics	09/ 2010	S. N. College, Quilon
		3. IT Work Shop	12/ 2010	St. Pius X College, Rajapuram



3	Dr. Sarala Gopalakrishnan	1. Regional Seminar	06/ 2010	Palayad, campus, Tellicherry
		2. IT workshop	12/ 2010	St. Pius X College, Rajapuram
4	Dr. Thomas Mathew	IT workshop	12/2010	St. Pius X College, Rajapuram
5	Mr. Prasanth P.	IT workshop	12/ 2010	St. Pius X College, Rajapuram
6	Mr. Siji Cyriac	1. Seminar on Buyer Behaviour and promotional Strategies in the small car market in Kerala	09/08/2009	Anai Mathammas Sheela Engineering college
7	Dr R Satheesh Kumar	IT workshop	12/ 2010	St. Pius X College, Rajapuram
8	Mrs. Jiji Kumari	1) National Seminar On Women voices; A Critical Investigation	1/08/10 to 13/08/2010	Dept. Of English, Government Brennan College, Tellicherry
9	Mr. Joby Thomas	IT Workshop	12/ 2010	St. Pius X College, Rajapuram
10	Mrs. Shiju Jacob	1)Workshop on Alternatives to the Use of Animals in Life Sciences	29.11.2010	School of Biological Sciences, Central University of Kerala. Kasaragod
		IX International Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules	27.01.2011 To 31.01.2011	The Estuary Island Resort, Poovar. Tvm

		National Seminar on Molecular Basis of Life Style Diseases	29/03/2011 & 30/03/2011	Dept. of Biochemistry, University of Kerala Tvm
13.	Mr. Thomas Mathew	Synergy between High Energy and High Luminosity Frontiers (SEL 2011)	10/01/2011 to 12/01/2011	Tata Institute of Fundamental Research (TIFR), Mumbai
14	Shylaja. P	1)Seminar on Restructuring Under graduate education and grading	23.10.2008	Government College, Kasaragod.
		National Seminar on Mathematical Principles of Signal Processing	13.11.2008 , 14.11.2008	Dept. of Mathematics, Government College, Kasaragod.
15	Dr. N.V.Vinod	International conference on Antimicrobial Research.	03/11/2010 to 05/11/2010.	Formatex, Valladolid, Spain
16	Thomas Scaria	Five day National Work shop on "MATLAB For Advanced Scientific Research"	17/05/2010 to 22/05/2010	IT Department, Kannur University

**Seminar / workshop attended in 2011- 2012**

No.	Name of staff	Seminars/ Workshops Attended	Date	Organized by/Resources person /place
1	Dr. Fed Mathew	1) One day Seminar on Post – colonial Theory	02/03/ 2012	Government College, Madapally
		2) National Seminar on Eco – Feminist	30/01/2012 to 31/01/2012	PSMO College, Tirurangadi

		Theory		
2	Dr. Sarala Gopalakrishnan	Three day workshop on “ICT Awareness Programme for female college teachers’	15/02/2012 to 17/02/ 2012	Kerala State Women’s Development Corporation(KSWDC), REACH, Kannur,
3	Dr. K.K. Anilkumar	1. National Seminar on Higher Education – Challenges and opportunities	04/03/2012	Town Hall, Vadakara
		2. National Seminar On Urban Based Management in Kerala and envisaged role of Kudumbsree	08/10/2012	Malabar Christian College, Calicut
4	Dr. Thomas Mathew	National Seminar on Emerging trends in Opto electronics and Solar energy Nanomaterials (EOSN-2011)	23/09/11 to 24/09/11	PRNSS College, Mattannur
5	Mr. Ajithkumar K.	National Seminar On Computer Interfaced Experimental Physics	15/12/2011	Centre University, Kasaragod
6	Mr. Jinesh Thomas	Seminar on Modern Tools for Mathematical Analysis	24/02/2012 to 25/02/2012	Government College, Kasaragod
7	Mrs. Shyma S.G.	National Seminar on Recent Development in the Application of Reliability theory	02/02 /2012 to 03/02/2012	Department of Statistics, Pondicherry University, Pondicherry.

		and survival Analysis (NCRSA-2012)		
8	Dr. C.K. Luckose	Principal Conference	2/09/11 to 24/09/11	Kannur University, Kannur
9	Dr. R. Satheesh Kumar	1)Two day workshop on strategies on Reaccreditation	04/07/11	NAS College, Kanhangad
		2)Three day International Education meet 2012on Education for Global Excellence	5/01/ 2012 to 7/01/2012	Mar Theophilus Training College, Trivandrum
		3)Two day National Seminar on “Global Economic Crisis– Lessons and Policy Implications”	01/03/2012 to 02/03/ 2012	EKNM Government College, Elerithattu
10	Mrs. Jijikumari	1)Research Methodology in Social Science	19/10/2011 to 22/10/ 2011	Government Brennen College, Tellicherry
		2)National Seminar on Methodology in Economic Application of Statistical tools and software of Empirical research	05/03/2012 to 07/03/ 2012	Government Brennen College, Tellicherry
		3) Two day workshop for college teachers in Methodology course in social science	05/08/11 to 06/08/11	St. Pius X College, Rajapuram
11	Mr. Joby Thomas	1)Two day workshop for college teachers in Methodology course in social science	05/08/11 to 06/08/11	St. Pius X College, Rajapuram

		2) Two day National Seminar on Global Economic Crisis – Lessons and Policy Implications	01/03/12 to 02/03/12	EKNM Government College, Elerithattu
12	Mr. Siji Cyriac	International Seminar on Corporate Governance and Risk Disclosures by comparison in India	19/08/2010	Germany
13	Mrs. Shiju Jacob	1)International Seminar on Recent Biochemical Approaches in Therapeutics PARTICIPATED AND PRESENTED POSTER	09.01.2013 To 11.01.2013	Dept. of Biochemistry, University of Kerala Tvm
14.	Mr. Thomas Mathew	The XXV International Symposium on Lepton Photon Interactions at High Energies	22/07/2011 to 27/07/2011	Tata Institute of Fundamental Research (TIFR), Mumbai
15	Shylaja. P	Three day workshop on “ICT Awareness Programme for female College Teachers”	15.02.2012 , 16.02.2012, 17.02.2012	Kerala State Women’s Development Corporation (KSWDC)REACH , KANNUR
16	Thomas Scaria	National Seminar on IT	13/12/2011 to 15/12/2011,	Kannur University, Kannur

**Seminar / workshop attended in 2012- 2013**

No.	Name of staff	Seminars/ Workshops Attended	Date	Organized by/ Resources person /place
1.	Dr. George Mammen	International conference	29/ 01/2013 to 31/01/2013	Department of Hindi, Andhra University, Visakhapatnam, Andhra Pradesh
2	Dr. Fed Mathew	Three day International conference on ‘Traditions of Dissen in Sub continental literatures and cultures’	15/10/2012 to 17/10/2012	Department of Comparative Literature, Central University, Kasaragod
3	Dr. Sarala Gopalakrishnan	National Seminar on “Microbiology and public health : Emerging diseases Management and prevention”	26/11/2012 to 7/11/2012	Pazhassiraja college, Pulpally
4	Dr. K.K. Anilkumar	National Seminar on ‘Managing environment – The Human Dimension’	08/03/2012 to 09/03/12	Malabar Christian College, Calicut
5	Mr. Prasanth P.	National Conference On Emerging Trends in Theoretical & Experimental Physics(ETTEP-2012)	26/09/2012 & 27/09/12	Farook college, Kozhikode
6	Mr. Jinesh Thomas	“Ramanujan’s Delightful Pursuits”	01/11/2012 to 02/11/2012	Government College, Kasaragod.
7	Mr. Shino P. Jose	Orientation Training Programme	08/08/2012 to 14/08/2012	Empanelled Training Institution for NSS, Rajagiri college of social science, Kalamassery

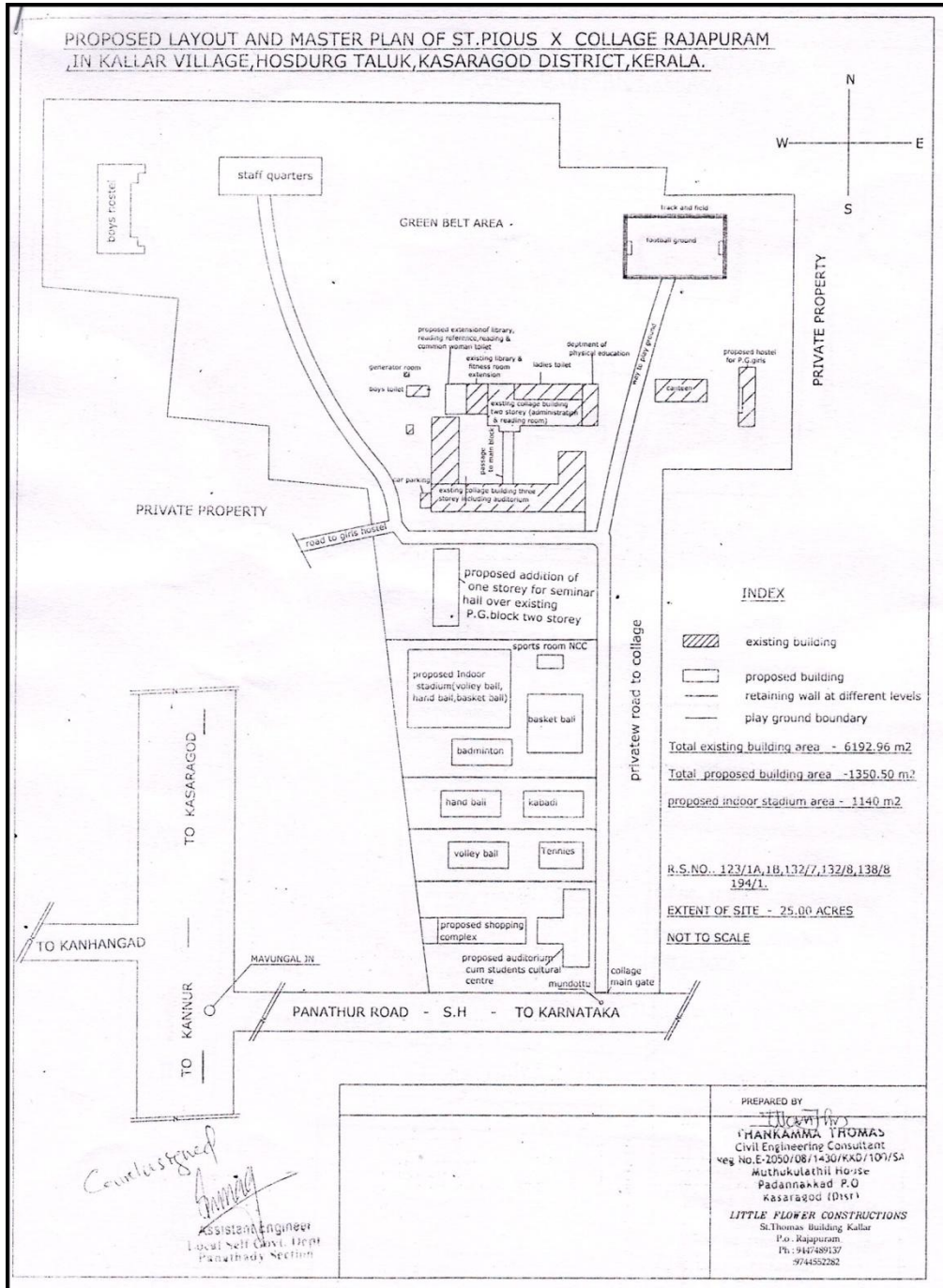
8	Siji Cyriac	Orientation Training Programme	03/10/2012 to 09/10/2012	Empanelled Training Institution for NSS, Rajagiri college of social science, Kalamassery
9	Dr. R.Satheesh Kumar	1)One day national seminar on “role of Legislature in Good Governance”	02/11/2012	Department of Political Science, EKNM Government College, Elerithattu
		2) one day workshop on “ National Sample Survey Organisation(NSSO ) Data bases”	01/11/2012	Department of Economics, Central University, Kasaragod
		3) National Seminar On “Parliamentary Democracy and Neoliberalism in India”	18/10/2012 to 19 /10/ 2012	Department of Economics, University college, Thiruvananthapuram
		4) two day National Seminar on “Universal Health Coverage in India – seeking possibilities	12/10/2012 to 13/10/ 2012	PG dept., Government College, Kasaragod
10	Mrs. Jijikumari	1) 11 <sup>th</sup> orientation programme	03 /01/2013 to 31/01/ 2013	ASC, Kannur University
		2) The film appreciation camp & new media Workshop	12/11/2012 to 14/11/ 2012	Sarga film society, Payyanur
		3) National Seminar on “ Kerala Economy Focus on Productive Sectors”	07/12/2012	Department of Economics, Government College, Madappally

		4) ) one day workshop on “ National Sample Survey Organisation (NSSO) Data bases”	01/11/2012	Department of Economics, Central University, Kasaragod
11	Mrs. Shiju Jacob	1)International Seminar on Recent Biochemical Approaches in Therapeutics PARTICIPATED AND PRESENTED POSTER	09.01.2013 to 11.01.2013	Dept. of Biochemistry, University of Kerala Tvm
12	Sr. Saumya	Seminar On ‘Sahithyam: Ezhuthum Vayanayaum’	05/02 2013 to 07/02/2013	P.G. Department of Malayalam, KKTM Government College, Pullut
13	Mr. Raghunath P.	National Seminar on ‘Applied Sport and Exercise Psychology’	22/06/12 to 23/06/2012	Kannur University
14	Mr. Vinod N.V. Nair	International Conference on Antimicrobial Research(ICAR201 )	21/11/2012 To 23/11/2012	University of Lisbon, Portugal
15	Bibin P.A.	National Seminar On Mobile Computing	19 /09/2012 & 20/09/ 2012	Department of computer application , Marian College, Kuttikkanam
16	Thomas Scaria	1. PRCN course	2/7/2012 to 29/09/2012	Officers Training Academy, Kamptee, Nagpur
		2. ANO’s Conference	05/11/12	32(K) Bn NCC Payyanur
		3. National Conference on Latest Trends in Computer Application NCLTCA	2/3/ 2013	Coimbatore



Annexure V:

Master Plan



**Annexure VI:**

Sports and Games Achievements

Sports and Games-2008-2009

1) During the academic year 2008-2009, the following of our students won the medals in various events.

Team Championship-University Level

- 1) Boxing –I
- 2) Best Physique-III
- 3) Swimming(Women)-III
- 4) Kabaddi(Women)-III

Intercollegiate Tournament Conducted

- 1) Best Physique(Men)
- 2) Weight Lifting(Men)
- 3) Weight Lifting(Women)

Medal Winners

<b>Name</b>	<b>Class</b>	<b>Event</b>	<b>Medal</b>
Juby Joy	III Economics	Athletics	Bronze
Shyam Kumar K	III BBA	Best Physique	Silver
Jithesh P	I Physics	Best Physique	Silver
Rajendarn D	II Physics	Boxing	Silver
Nisheethe Kumar	I Economics	Boxing	Silver
Vineeth Kumar	I Economics	Boxing	Silver
Vinod L	I Economics	Boxing	Silver
Abhilash V	I Physics	Boxing	Bronze
Nishanth Rajan	I Economics	Boxing	Gold
Ratheesh P.R	II economics	Boxing	Bronze
Jithesh P	I Physics	Boxing	Bronze
Pramod K.P	I BBA	Swimming	Silver ,Bronze
Neethu K	III Micro	Swimming	1 Gold,2 Silver, 1 Bronze

University Team Members

<u>Name</u>	<u>Events</u>
Juby Joy	Cross Country
Vijesh K.P	Kabaddi
Ranjini C	Kabaddi
Priya P	Kabaddi
Sandhya K	Kabaddi
Nishanth Rajan	Boxing
Ratheesh P.R	Boxing

Sports and Games-2009-2010

During the academic year 2009-2010, the following of our students won the medals in various events.

Team Championship - University Level

- 1) Boxing (Male) –I
- 2) Judo (Male)-II
- 3) Weightlifting (Male)-III
- 5) Power Lifting(Men)-III
- 6) Power Lifting(Women)-III

Intercollegiate Tournament Conducted

- 1) Swimming(Men and Women)
- 2) Judo(Men and women)
- 3) Football(men)
- 4) Athletics(Men and Women)
- 5) Power Lifting(Men and Women)
- 6) Boxing(Men and Women)

Medal Winners-University Level

<b>Name</b>	<b>Class</b>	<b>Event</b>	<b>Medal</b>
Junaid A	I Comp	Judo	Gold
Prasad P.P	I Economics	Judo	Gold
Neethu K.G	II Micro	Judo	Silver
Nishanth Rajan	II Economics	Judo	Silver
Nisheeth Kumar	II Economics	Judo	Bronze
Ratheesh P.R	III Economics	Judo	Bronze
Roshin Jose	III Physics	Judo	Bronze
Pramod K.P	I BBA	Swimming	Silver
Neethu K.A	II Micro	Wrestling	Gold
Prasad P.P	I Economics	Wrestling	Silver
Junaid A	I Computer	Wrestling	Bronze
Radhika M	III Physics	Wrestling	Bronze
Junaid A	I Comp	Athletics	Gold
Neethu K.G	II Micro	Athletics	Bronze

Sooraj R.S	II Physics	Athletics	Bronze
Ratheesh P.R	III Economics	Boxing	Gold
Baladas P	II Economics	Boxing	Gold
Nisheed Kumar K	II Economics	Boxing	Gold
Nishanth Rajan	II Economics	Boxing	Silver
Libin Mathew	III Economics	Boxing	Silver
Jithesh K	II Physics	Boxing	Silver
Alex O.A	II Economics	Boxing	Silver
Abhilash V	II Physics	Boxing	Silver
Nibin Abraham	II Economics	Boxing	Bronze
Junaid A	I Comp	Boxing	Bronze
Junaid A	I Comp	Power Lifting	Gold
Prasad P.P	I Economics	Power Lifting	Gold
Neethu K.G	II Micro	Power Lifting	Gold
Roopesh A	II BBA	Weight Lifting	Gold
Junaid A	I Comp	Weight Lifting	Silver
Prasad P.P	I Economics	Weight Lifting	Bronze

University Team Members

<u>Name</u>	<u>Events</u>
Junaid A	Judo
Prasad P.P	Judo
Sarath M.R	Basketball
Neethu K.G	Wrestling
Pramod K.P	Kabaddi
Ratheesh P.R	Boxing
Baladas P	Boxing
Nisheed Kumar	Boxing
Junaid A	Power Lifting

Sports and Games-2010-2011

During the academic year 2010-2011, the following of our students won the medals in various events.

Team Championship - University Level

- 1) Boxing (Men) –III
- 2) Swimming(Men) - III
- 3) Best Physique (Men) – III
- 4) Kabaddi (Men)-IV
- 5) Power Lifting (Men)-III
- 6) Power Lifting (Women)-III

Intercollegiate Tournament Conducted

- 1) Swimming (Men and Women)
- 2) Cross country (Men and women)
- 3) Boxing (Men and Women)

Medal Winners-University Level

Name	Class	Event	Medal
Nitin T.	I Economics	Swimming	2 Silver & 1 Bronze
Pramod K.P	III BBA	Swimming	Gold
Junaid A.	II Comp	Power lifting	Gold
Nidhin	I Economics	Power lifting	Gold
Bijeesh	I Economics	Power lifting	Gold
Junaid A.	II Comp	Weight lifting	Gold
Roopesh A.	III BBA	Weight lifting	Silver
Nishanth Rajan	III Economics	Best Physique	Gold
Prasad P.P	II Economics	Best Physique	Silver
Prasad P.P	II Economics	Wrestling	Silver
Neethu K.G	III Micro	Wrestling	Gold
Prasad P.P	II Economics	Judo	Silver
Suneesh	II Economics	Judo	Bronze
Suresh	II Economics	Judo	Bronze
Nishanth Rajan	III Economics	Boxing	Gold
Baladas	III Economics	Boxing	Gold
Nisheeth Kumar	III Economics	Boxing	Gold
Abilish V.	III Physics	Boxing	Bronze
Sujesh	II Micro	Boxing	Bronze

University Team Members

Name	Events
Junaid A	Power lifting
Prasad P.P	Judo
Bijesh C.	Power lifting
Nithin P	Power lifting
Shami E	Power lifting
Nishanth Rajan	Boxing
Baladas P	Boxing
Nabin Kumar	Kabaddi
Vaishak P.	Kabaddi
Nishanth Kumar	Boxing

Sports and Games-2011-2012

During the academic year 2011-2012, the following of our students won the medals in various events.

Team Championship - University Level

1. Boxing (Men) –I
2. Kabaddi (Men)-IV

Intercollegiate Tournament Conducted

- 1) Cricket (Men)
- 2) Kabaddi (Women)
- 3) Boxing (Men)

Medal Winners-University Level

Name	Class	Event	Medal
Prasad P.P	III Economics	Wrestling	Gold
Sujesh	III Micro	Boxing	Sliver
Sujesh	III Micro	Judo	Silver
Shiju C.	II Economics	Boxing	Gold
Shiju C.	II Economics	Judo	Bronze
Rajesh V	I Economics	Judo	Silver
Ajeesh Vishnu	I Micro	Judo	Bronze
Ajeesh Vishnu	I Micro	Boxing	Silver
Chaithanya Saraswathi	III BBA	Walking	Bronze
Jesmon Stephen	II Economics	Boxing	Gold
Rameshan P.	II Economics	Boxing	Bronze
Pratheesh	II Economics	Boxing	Gold

Unnikrishnan	I Physics	Boxing	Gold
Sreejith	I Economics	Boxing	Gold
Jagadeesh	II Economics	Boxing	Bronze

University Team Members

<u>Name</u>	<u>Events</u>
Junaid A.	Power lifting
Junaid A.	Weight lifting
Vaisakh P.V.	Kabaddi
Nabin Kumar	Kabaddi
Sreejith A.V.	Boxing
Unnikrishnan	Boxing
Pratheesh	Boxing
Jesmon Stephen	Boxing
Shiju C.	Boxing
Prasad P.P.	Wrestling

**Annexure VII: Achievements in Arts.**

Winners of Kannur university Arts festival 2008-2009

Thiruvathira	- First A Grade
Margamkali	- Second A grade
Oppana	- Second A grade
Group Dance (boys)	- A Grade
Nadan Pattu	- A Grade
Folk Dance (Group)	- A Grade
Mime	- A Grade
Rakesh	- Folk Dance First A Grade
Shari	- Folk Dance Third A Grade
Danesh	- Chenda Third C Grade
Rakesh	- Kerala Nadanam A Grade
Shari	- Kuchipudi A Grade
Neethu Michael	- Gazal A Grade

Neethu Michael – Carnatic Song A Grade

Shilpa K. – Mappila Pattu A Grade

Winners of Kannur university Arts festival 2009-2010

Margamkali – Second A grade

Oppana - Third A grade

Mime - A Grade

Nadan Pattu – A Grade

Group Song – A Grade

Reny R.K. – Guitar Third C Grade

Pranave James – Gazal Third C Grade

Neethu Michael – Mappila Pattu Third A Grade

Shilpa K. – Recitation Urdu Second A Grade

Winners of Kannur university Arts festival 2010-2011

Margamkali – Third A grade

Instrumental Music - Violin second

Bharata Natyam - Third with A grade

Winners of Kannur university Arts festival 2011-2012

Margamkali – Second A grade

Instrumental Music - Violin second

Folk Dance - Third with A grade



