

# KORAMBAYIL AHAMED HAJI MEMORIAL UNITY WOMEN'S COLLEGE, MANJERI

P.O NARUKARA, MANJERI, MALAPPURAM Dt., KERALA 676 122



## SELF STUDY REPORT 2013 ( RE-ACCREDITATION REPORT )

Submitted to  
National Assessment and Accreditation Council  
(NAAC)  
Bangalore



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## A. PREFACE

Korambayil Ahamed Haji Memorial Unity Women's College is located at 'Koodakkara' in the Pulpatta Grama Panchayath of Eranad Taluk, Malappuram District, Kerala. It is situated 45 kms. south of Calicut city, 20 kms from Calicut International Airport, 5 kms. west of Manjeri and 1.6 kms off the Manjeri – Calicut Trunk road.

Malappuram, the district in which the college is located has a long and profound history in the country's freedom struggle in the Malabar region. As an expression of apathy to the Foreign rule, people of the region turned away from all that were British and the heavy price that had to be paid for this was the socio educational progress.

Established on 18<sup>th</sup> December 1991 as a first grade college affiliated to University of Calicut, the institution is run by a registered society viz. Muslim Educational and Cultural Association (MECA). The College has the unique distinction of being the first college in Kerala started without pre-degree course and the only multi faculty women's college run by the Muslim community in Kerala.

At the time of inception, the institution functioned in a rented building (owned by late Subedar Krishna Panicker) at 'Alukkal' near Narukara. Subsequently, to facilitate operational smoothness, the college was shifted during 1992-93 to 'Kacheripadi' in Manjeri Town. Finally, the college moved to its present and permanent campus at 'Koodakkara' in 1996 and obtained UGC recognition in 1998. The institution got accredited by NAAC with B<sup>+</sup> Grade in September 2005.

The college which began humbly with 3 undergraduate programmes and 32 students has grown into one of the reputed centres of higher education offering 8 undergraduate and 1 post graduate programme. Currently it has 850 plus students, 41 permanent teachers, 3 temporary teachers, 1 part time lecturer, 4 guest faculty and 25 administrative staff. It was renamed as Korambayil Ahamed Haji Memorial Unity Women's College after the founder President in 2010.

## **B. Executive Summary - SWOC ANALYSIS OF THE INSTITUTION**

### ***Strengths***

- ❖ Only aided Arts, Science and Commerce Women's college in Malappuram district, having minority status meant for the uplift of Muslim women in particular.
- ❖ 50% of teachers possess either Ph.D. or M.Phil.
- ❖ Ten faculty members have carried out Minor Research Projects.
- ❖ 44% teachers are professionally trained with a bachelor's Degree in Education.
- ❖ Ten teachers are members of different Boards of Studies of the University of Calicut and/or Kannur University.
- ❖ Two teachers are members of Faculty of Language and Literature of the University of Calicut.
- ❖ Eleven teachers were involved in the curriculum restructuring of Calicut University in 2009.
- ❖ An interdisciplinary UG programme is run by the college integrating computer studies with commerce designed by the institution which has high employability potential and a key demand in the region.
- ❖ 35% of the classrooms have LCD projectors and internet facility is available in all the departments.
- ❖ INFLIBNET facility and N-List registration to all faculty members and majority of our students.
- ❖ Teachers deputed for orientation and refresher courses, seminars, workshops and conferences to get updated on the changing trends in education and related areas.
- ❖ Teachers encouraged to complete Ph.D./M.Phil. programmes through FDP.
- ❖ Staff/ student feedback considered for quality improvement.
- ❖ Remedial classes and tutorial hours for slow and advanced learners.
- ❖ Timely internal student evaluations.
- ❖ Focus on learning- centered education, participatory and interactive learning through assignments, seminars, projects etc.
- ❖ Transparent admission process.
- ❖ Record of good academic and extracurricular achievements.
- ❖ Well disciplined campus conducive to learning.
- ❖ Committed and research minded faculty.
- ❖ Spacious library with good collection of standard books and journals including research journals.

- ❖ IT learning centre.
- ❖ Residential facility for students from remote and distant areas.
- ❖ Self reliance in transportation for staff and students from selected towns to college. Local students make use of the morning down trips to reach schools in the town.
- ❖ Social commitment and personality development through NCC, NSS and CSS.
- ❖ Women empowerment programmes like skill enhancement and IT development to support and guide the educationally and socially backward women of Malappuram District.
- ❖ Financial support through various scholarships.
- ❖ Promoting programmes to cater human values, social sensitiveness, self reliance, National integration etc.

#### ***Weaknesses***

- ❖ 40 % of the teaching faculty are freshers with less than four years experience.
- ❖ Remote location of the campus – a barrier in attracting campus recruitments.
- ❖ In spite of good academic records, poor knowledge base and weak language skills pose a great challenge since it takes away the precious time meant to transact the present curriculum.
- ❖ Weak English language proficiency of the administrative staff.
- ❖ Less number of post graduate programmes
- ❖ Lack of research facility
- ❖ Being a women's college, support from Alumni is nominal.

#### ***Opportunities***

- ❖ Enthusiastic young teachers with research aptitude promote research culture among students and an enquiry based learning approach.
- ❖ Introduction of training programmes like IT skill enhancement, Additional Skill Acquisition Programme (ASAP) and Equal Opportunity Centre can definitely enhance the employability and attract campus recruitments.
- ❖ Empowerment of women from this educationally backward area can bring about improvement in the social set up and community structure.
- ❖ Ample scope for starting post graduate and research programmes as a good number of teachers possess research degrees.

- ❖ Provision to continue programmes/courses in the case of drop outs/ discontinued students.

### **Challenges**

- ❖ Early marriages of students, primarily at the age of 18 or 19, are a major constraint in completion of the undergraduate programme.
- ❖ Motherhood and other related marital issues contribute to increased dropout rate.
- ❖ Poor education backgrounds of the parents prevent even the high achievers from moving out for higher levels of learning or employment.
- ❖ The Alumni input and support in terms of finance, academics and personal presence is limited owing to the restricted freedom enjoyed by women culturally.
- ❖ Students are mostly first generation learners getting little motivation from the parents or the society.
- ❖ Extracurricular talents and ventures are not being nurtured in the current system due to time constraints.
- ❖ Course feedback is not being given its due importance as a corrective resource by the students, feedbacks mostly lack a clear analytical transparent approach.

### C. PROFILE OF THE AFFILIATED COLLEGE

1. Name and address of the college:

Name: <b>Korambayil Ahamed Haji Memorial Unity Women's College</b>
Address: Narukara (PO), Manjeri, Malappuram (Dist.), Kerala - 676122
City: Manjeri Pin: 676122 State: Kerala
Website: <a href="http://www.unitywomenscollege.in">www.unitywomenscollege.in</a>

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	<b>Dr. C.Saidalavi</b> <i>M.A., Ph.D.,B.Ed.</i>	O: 0483-2768030 R:04832762029	09446666684	0483 2768030	c.saidalavi@yahoo.com
Vice Principal	<b>Dr. I P Abdul Razak</b> <i>M.Sc.,M.Phil., B.Ed., Ph.D.</i>	O: 0483-2768030 R:04832760596	09446156942	0483 2768030	abdulrazakip@gmail.com
Steering Committee Co-ordinator	<b>Dr. K. Fousi</b> <i>M.Sc.,Ph.D., B.Ed.</i>	O: 0483-2768030 R:0495-2331068	09446164197	0483 2768030	drkfousi@gmail.com

3. Status of the of Institution :

Affiliated College

☒  
☐  
☐

Constituent College

Any other (specify)

4. Type of Institution:

a. By Gender

i. For Men

☐  
☒  
☐

ii. For Women

iii. Co-education

b. By shift

i. Regular

ii. Day

iii. Evening

☒  
☐  
☐

5. Is it a recognized minority institution?

Yes

☒

No

☐

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

Religious (Enclosed as *Annexure I*)

6. Source of funding:

Government

☐

Grant-in-aid

☒

Self-financing

☐

Any other

☐

7. a. Date of establishment of the college : **18.12.1991**

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

University of Calicut

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	17.07.1998	Enclosed as <i>Annexure II</i>
ii. 12 (B)	Lr. No. F8-5/99(CCP-1) From The Secretary, UGC, NewDelhi	

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

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

Under Section/clause	Recognition/Approval details Institution/Department/ Programme	Day, Month and Year	Validity	Remarks

i.				
ii.				
iii.				
iv.				

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

Yes ☐ No ☒

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 ☒

If yes, date of recognition:

b. for its performance by any other governmental agency?

Yes ☐ No ☒

If yes, Name of the agency and

Date of recognition:

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

Location *	Rural
Campus area in sq. mts.	60750
Built up area in sq. mts.	6642

(\* 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
  - \* Playground ✓
  - \* Swimming pool
  - \* gymnasium
  - \* Physical fitness centre ✓
- Hostel
  - \* Boys' hostel
    - i. Number of hostels
    - ii. Number of inmates
    - iii. Facilities (mention available facilities)
  - \* Girls' hostel ✓
    - i. Number of hostels :1
    - ii. Number of inmates :69
    - iii. Facilities :
      - a) Toilets :15
      - b) Bathroom :14
      - c) Toilet cum bathroom :3
      - d) Telephone :1
      - e) Dining hall :1
      - f) Television :1
      - g) Reading room :1
      - h) Prayer hall :1
      - i) Recreation room :1
      - j) Shuttle court :2
      - k) Space for yoga :1
      - l) Transport :1 (College van)
      - m) Security staff :1
      - n) Alternate power source (invertor) :2
      - o) Incinerator (for burning sanitary napkins) : 1
      - p) Hospital : Tie-up with Korambayil Memorial Hospital, Manjeri
  - \* Working women's hostel
    - i. Number of inmates
    - ii. Facilities (mention available facilities)
- Residential facilities for teaching and non-teaching staff (give numbers available - cadre wise) ✓ Two residential quarters for teaching staff
- Cafeteria ✓

- Health centre (Tie –up with Korambayil Memorial Hospital owned by one of the members of the Governing body)  
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✓ (College cooperative store provides books and stationary items)
- Transport facilities to cater to the needs of students and staff✓ (4 Buses ; 1 Van ; & 1 Motorbike)
- Animal house
- Biological waste disposal
- Generator or other facility for management/regulation of electricity and voltage ✓ 30 KVA silent generator set (Diesel) , Portable Honda generator set (Kerosene) , 6UPS systems, 2 invertors
- Solid waste management facility✓
- Waste water management ✓
- Water harvesting ✓

12. Details of programmes offered by the college ( Data for the academic year 2012- '13)

Sl. No	Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned /approved Student Strength	Number of students admitted
i	Under-graduate	B.A. English	6 Semester	Higher Secondary Examination, Kerala State Board of Higher Secondary Education or any other examination recognized or equivalent	English	40	40
		B.A.. History	6 Semester	Do	Do	40	48

		B.Sc. Family & Community Science	6 Semester	Higher Secondary Examination, Kerala State Board of Higher Secondary Education or equivalent with Science subjects	Do	36	36
		B.Sc. Chemistry	6 Semester	Do	Do	42	48
		B.Sc. Botany	6 Semester	Higher Secondary Examination, Kerala State Board of Higher Secondary Education or equivalent with biology as compulsory paper or PDC with II group	Do	36	36
		B.Sc. Computer Science	6 Semester	Higher Secondary Examination, Kerala state Board of Higher Secondary Education or equivalent with mathematics/statist ics/ computer science/computer application as one of the subjects	Do	36	36

		B.Com. Co- operation	6 Semester	Higher Secondary Examination, Kerala State Board of Higher Secondary Education or equivalent with at least one commerce subject.	Do	40	48*
		B.Com. Computer Applicatio n	6 Semester	Do	Do	30	33*
ii	PG	M.A. English	4 Semester	45% in Part I English of B.A/B. Sc. or 45% in English main papers in candidates with English under Part III Pattern I/ II	Do	20	20
iii	Integr ated progra mmes PG	Nil					
iv	Ph.D.	Nil					
v)	M. Phil.	Nil					
vi	Ph. D.	Nil					
vii	Certifi cate course	Skill enhancem ent and computer training	120 hours	Any student admitted to UG programme	English	200	150
viii	UG Diplo ma	Nil					

ix	PG Diploma	Nil					
x	Any Other specify	Nil					

*\*Including marginal increase sanctioned by the University*

13. Does the college offer self-financed Programmes?

Yes ☒ No ☐

If yes, how many?

One

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

Yes ☐ No ☒ Number

*Note: No new programme was introduced during the last five years due to the Government policy of notsanctioning of new programmes. However, two of the programmes viz. B.A. History and M.A. English have been regularized by the Govt. in 2011.*

15. List the departments:

Particulars	UG	PG	Research
Science	1.Computer science 2.Chemistry 3.Family &community science 4.Botany 5.Physics 6.Mathematics 7. Zoology	Nil	Nil
Arts	1.English 2.History	1.English	Nil
Commerce	1.Commerce	Nil	Nil

Particulars	UG	PG	Research
Any other not covered above	Nil	Nil	Nil

16. Number of Programmes offered

a. annual system

Nil

b. semester system

9

8 UG & 1PG

c. trimester system

Nil

17. Number of Programmes with

a. Choice Based Credit System

9

b. Inter/Multidisciplinary Approach

8

c. Any other ( specify and provide details)

Nil

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)

and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No

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)

and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.:

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

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
Sanctioned by the UGC / University / State Government										
Recruited	Nil		9+1*	4	12+1**	15+1#	12	13	Nil	
Yet to recruit	Nil		Nil		1		Nil		1***	
Sanctioned by the Management/society or other authorized bodies										
Recruited					2	4	Nil		1	
Yet to recruit	Nil		Nil		Nil		Nil		Nil	

\*M-Male \*F-Female

\* Principal \*\* Part time lecturer \*\*\*Sanction from Government awaited  
# Leave vacancy

21. Qualifications of the teaching staff ( as on 15.03.2013)

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent teachers (Total)</b>							<b>41</b>
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	8+1*	3	1	3	16
M.Phil.	-	-	-	-	3	2	5
PG	-	-	1	1	8	10	20
<b>Temporary teachers (Total) Leave vacancy-1,FDP substitute-2 &amp;Guest faculty- 4) 7</b>							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	1 <sup>#</sup>	2	3
PG	-	-	-	-	1	3 <sup>#</sup>	4
<b>Part-time teachers (Total)</b>							<b>1</b>
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	1	-	1

\*Principal

<sup>#</sup> Guest faculty

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

4

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

Category	2008-'09		2009-'10		2010-'11		2011-'12	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	Nil	31	Nil	22	Nil	26	Nil	55
ST	Nil	1	Nil	Nil	Nil	2	Nil	2
OBC	Nil	115	Nil	106	Nil	100	Nil	162
General	Nil	158	Nil	170	Nil	164	Nil	107
Others	-	-	-	-	-	-	-	-

24. Details on students enrollment in the college during the current academic year (2012-13)

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	829	30	NA	NA	859
Students from other states of India	6	Nil	NA	NA	6
NRI students	Nil	Nil	NA	NA	Nil
Foreign students	Nil	Nil	NA	NA	Nil
<b>Total</b>	<b>835</b>	<b>30</b>	<b>NA</b>	<b>NA</b>	<b>865</b>

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

UG 35.24%

PG 8.30%

26. Unit Cost of Education

(a) including the salary component

Rs.41370/-

(b) excluding the salary component

Rs.3953/-

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 ☐

❖ Provide Teacher-student ratio for each of the programme/course offered

Sl. No.	Name of Programme	Teacher-student ratio
1.	B.Sc. Chemistry	1:27
2.	B.Sc. Botany	1:36
3.	B.Sc. Family & Community Science	1:36
4.	B.Sc. Computer Science	1:27
5.	B.A. English	1:12
6.	B.A. History	1:33
7.	B.Com.(Co-op)	1:25
8.	B.Com. (Computer Application)	1:36
9.	M.A. English	1:4

❖ Is the college applying for

Accreditation : Cycle 1 ☐ Cycle 2 ☒ Cycle 3 ☐ Cycle 4 ☐

Re-Assessment: ☐

❖ Date of accreditation

Cycle 1: 21/9/2005

Accreditation Outcome/Result :B<sup>+</sup>

\* Accreditation certificate enclosed as Annexure III

Peer team report as Annexure IV

❖ Number of working days during the last academic year.(2011-12)

200

32. Number of teaching days during the last academic year (2011-12)

185

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

IQAC : 01.10.2005

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

AQAR 2011-12 : 09.10.2012

AQAR 2010-11 : 05.09.2011

AQAR 2009-10 : 24.06.2010

AQAR 2008-09 : 06.08.2009

35. Any other relevant data (not covered above) the college would like to include:

**F. No. 8-3/2012 (CPP-1/ C) dated 8 January 2013** of UGC has approved the revised name of the college as 'Korambayil Ahamed Haji Memorial Unity Women's College' Manjeri, Narukara(P.O), Malappuram- 673122, Kerala w.e.f. 2010-11 academic year.(Enclosed as **Annexure VII**). Sanction of the same from the University of Calicut is enclosed as **Annexure VIII**



*College  
Old  
Building  
(1991)*

*New  
campus  
at  
Narukara  
(1996)*



*Narukara  
campus  
(2008)*

*Narukara  
campus  
(2012)*



## **D. CRITERIA-WISE INPUTS**

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

#### **1.1 Curriculum Planning and Implementation**

##### ***Institutional Vision***

- ❖ Building an egalitarian society through women empowerment

##### ***Institutional Mission***

- ❖ Providing the best in education
- ❖ Inculcating human values
- ❖ Developing leadership qualities
- ❖ Fostering unflinching patriotism

##### ***Institutional Objectives***

The institution aims mainly at the upliftment of women in general and the educationally backward Muslim women in particular through modern good quality education.

The institutional vision and mission is displayed at the entrance of the administrative block of the college and communicated to students, teachers, staff and other stakeholders through the academic calendar and college prospectus. The Institutional website also highlights the vision and mission of the institution as well as that of individual departments.

##### ***Action plans for effective implementation of the curriculum***

Academic calendar of the institution for the year is prepared by considering the academic calendar forwarded by the University regarding the number of working days, holidays, schedule of internal examination, end semester examination, union election *etc.*

Before the commencement of the academic year, a general timetable for the institution is prepared by the timetable committee by considering the weekly hour allotment per semester for each curriculum as specified by the affiliating university. The Heads of different departments ensure the allotment of hours strictly according to the university stipulations and discrepancies if any are brought to the notice of the timetable committee. He then prepares a department timetable by convening a department council allotting classes, hours and modules in the curriculum to different faculty members giving due weightage to their interest. A copy of the same is forwarded to the office through the convener of the timetable and accommodation committee. Each department then conducts classes

as per the department timetable and curriculum sharing. Practical difficulty experienced during implementation is rectified through intra departmental and inter department adjustments.

Each faculty member prepares a semester plan taking into account the percentage of syllabi to be covered in the time stipulated by the IQAC and forwards a copy through Head of the department to the IQAC. The IQAC monitors the progress of implementation through the Head of departments during staff council meetings. Alternate measures are also taken when regular classes are lost due to bus strikes, *hartals*, *bandhs* and valuation camps. Periodic department council reviews the implementation and lacunae found are filled by adopting new approaches and engaging extra classes.

### ***Support for Teaching***

IQAC provides all facilities for effective translation of the curriculum and improving teaching. The following are some of the initiative taken in this direction:

- ❖ All departments offering core course are provided with at least one LCD projector and one laptop for integrating technology into the teaching – learning process.
- ❖ Some of the departments still make use of Over Head Projectors for effective teaching.
- ❖ All class rooms are well ventilated with sufficient seating and electrification.
- ❖ Two class rooms have white boards, two have glass boards and rest have the traditional chalk boards.
- ❖ Maintenance of discipline in the campus is given utmost care to create an atmosphere conducive to learning.
- ❖ Faculty members are deputed for orientation and refresher programmes in the subjects conducted by different Universities.
- ❖ Teachers get opportunity to enrich themselves by attending seminars, lectures, workshops *etc.* conducted by different Universities and other institutions.
- ❖ Teachers are given training in preparation of PowerPoint slides and use of gadgets like LCD projectors and laptops.
- ❖ Self-sufficiency in providing conveyance facility from the town allows the conduct of extra classes even on holidays if and when regular teaching days are lost.
- ❖ All the departments are provided with internet connectivity. Department of Computer Science and English have Wi-Fi connectivity.

- ❖ Every student and staff has access to internet which helps to have the latest knowledge and recent developments.
- ❖ The recently introduced INFLIBNET and N-list access provide opportunity to stay updated.
- ❖ Both formal and informal feedback obtained from students are given due consideration for adopting new approach to improve teaching.
- ❖ Organizes lectures and seminars by eminent personalities.
- ❖ Encourages Peer observation among teachers for improving teachers.

#### ***Initiatives for effective curriculum delivery and transaction***

- ❖ 50% of the classes are engaged using PowerPoint presentations and visuals..
- ❖ Seminars and workshops on relevant themes are organized to gain better understanding.
- ❖ Modern and emerging areas in the curriculum are supplemented by arranging expert lectures.
- ❖ Visits to industries, universities and fields are also adopted as a means for better learning.
- ❖ The institution organized a workshop on 'Enhancing Class Room Effectiveness of Teachers' by inviting eminent teachers on 24<sup>th</sup> February 2007.

Besides these, curriculum transaction is supplemented through library and computer lab and other laboratory facilities.

#### ***Networking with beneficiaries***

Acting as a link between students and the University, the institution communicates all the relevant notifications and intimations on time and help students register for different programmes, apply for end semester examinations, get the results downloaded *etc.* The institution also uploads the internal scores of different courses achieved by the candidates well in the stipulated time. Timely conduct of examination as per the schedule of the University is another area which the institution looks into.

For effective operationalisation of the curriculum the institution networks and interacts with banks for 'On the Job Training' extended to the B.Com.Computer Application students. Students also network with industries for the preparation of software.

### ***Contribution to curriculum development***

Eleven of our faculty members representing **nine departments** were actively involved in the restructuring of curriculum introduced by the University of Calicut in 2009. These members gathered suggestions and ideas from fellow faculty members and contributed substantially to the curriculum development. The feedback collected from teachers and students were discussed in the departments and represented in the Board of Studies through these members.

### ***List of faculty members who had contributed to the curriculum restructuring of University of Calicut in 2009***

Sl.No.	Name of Faculty	Department	Curriculum revised
1	Dr. P.K. Babu	English	B.A. English (Core Course)
2	Dr. C. Abdul Majeed	Commerce	B.Com. Co-operation (Core Course)
3	Dr. I.P. Abdul Razak	Zoology	B.Sc. Zoology (Complementary Course)
4	Dr. Muhammed Basheer	Chemistry	B.Sc. Chemistry (Core Course)
5	Dr. P. Jyothi	Chemistry	B.Sc. Chemistry (Core Course)
6	Mrs. A.S. Anitha Begum	Home Science	B.Sc. Family & Community Science (Core Course)
7	Dr. K. Azeez	Botany	B.Sc. Botany (Core Course)
8	Mr. Rahib B	Computer Science	B.Sc. Computer Science (Core Course)
9	Mr. T.T. Abdul Razak	Commerce	B.Com. Computer Application (Core Course)
10	Dr. P.I.Radha	Malayalam	B.A./B.Sc./B.Com. (Common Course)
11	Dr. A.C. Meera Devi	Hindi	B.A./B.Sc./B.Com. ( Common Course)

*Note :Except Mr. T.T Abdul Razak and Dr. P. I Radha, all are either member of Board of Studies of University and / or Faculty of Language and Literature.*

Feedback on curriculum from student-teacher interactions and inputs from academic peers are analyzed in the department council of the subjects concerned. Accordingly necessary recommendations are communicated to the affiliated University through the members of Board of studies for improvement of the curriculum by appropriate inclusions or deletions.

In the last four years, **ten** of our faculty members rendered service as members of the **Board of Studies** in various subjects of University of Calicut and/or Kannur.

#### ***Curriculum developed by the institution***

The curriculum for the B.Com. Computer Application and Add-on Courses (Career oriented programme) in Botany, Home Science, and Computer Science were developed by departments concerned.

Sl. No.	Name of the Programme	Departments involved
1	B.Com. Computer Application	Commerce & Computer Science
2	Certificate course in 'Micro- propagation and Horticultural practices'	Botany
3	Certificate, Diploma & Advanced Diploma in 'Nutrition and Dietetics'	Home Science
4	Certificate Course in 'Database Management and Programming'	Computer Science

*Sl. Nos. 2, 3, and 4 were conducted in the year 2006, 2007 and 2008.*

#### ***Analysis of attainment of stated objectives of curriculum***

Feedback from students and staff, performance of students in the internal examinations and class, reflect the attainment of stated curricular objectives. Departmental council analyses the progress of students and adopt necessary teaching approach. The staff council also reviews the students' performance as a whole. For poor performers, remedial classes are engaged and special attention is paid to identify the barriers.

#### **1.2 Academic Flexibility**

##### ***Certificate/diploma/skill development courses etc., offered by the institution***

The institution offers Skill Enhancement and IT Training Programme from the year 2012 onwards. Women Resource Centre under the Kerala State IT mission functioning in the college aims to enhance the employability of women community. This programme helps to develop the communication, IT, and soft skill of students, a step towards gaining employment.

At present there is no diploma course as it was discontinued as per the directions from the University.

The Entrepreneurship Development Club functioning in the college equips the learners with the ability to function dynamically and acquire the requisite knowledge and skills to plan and launch their own dream ventures.

No twinning/dual degree programme is offered by the institution as the University doesn't permit such programmes.

❖ **Range of Core/Elective options opted by the College & range of subject options in the Choice based credit system**

The institution has the following provisions in its programme

Programme	Core / Elective Options	Complementary Course
B.Sc.	1. Chemistry	Physics & Mathematics
	2. Computer Science	Physics & Mathematics
	3. Botany	Chemistry & Zoology
	4. Family and Community Science	Chemistry & Zoology
B. A	1. English	British History & World History
	2. History	Political Science & West Asian Studies
B. Com.	1. Commerce (Cooperation)	E-commerce Management Quantitative Techniques for Business
	2. Commerce	Computer Application
M.A	1. English	British Literature

❖ **Choice Based Credit System and range of subject options**

All the UG & PG programmes offered are in the Choice Based Credit System

Sl.No.	Department	Open course offered
1	Computer Science	Computer Fundamentals and Office Automation
2	Chemistry	Environmental Chemistry
3	Botany	Horticulture and Nursery Management
4	Family and Community Science	Food Science and Basic Cookery
5	English	Applied Language Skills
6	History	Historical Tourism
7	Commerce	Basic Accounting
8	Physical education	Physical Activity, Health and Wellness

- ❖ *Courses offered in modular form* : No.
- ❖ *Credit transfer and accumulation facility* : Accumulation facility is available in the present system.
- ❖ *Lateral and vertical mobility within and across programmes and courses*

There is limited lateral mobility across the programmes. First Semester students of UG programmes are permitted to shift from one discipline to other before the closure of the admission procedure by the University. No shifting is entertained after closure of admission.

The duration of the six semester UG programme is 3 years with regular University end-semester examinations and college level internal examinations. A student unable to clear or attend the end semester examination is permitted to move to the next semester till the sixth semester. So the student enjoys vertical mobility within the programme and can take up the end semester examination as scheduled by the University.

#### ❖ *Enrichment courses*

Enrichment is provided through the Skill Enhancement IT Programme, Career and Course Awareness Programmes handled by experts and Personality Development programmes.

Reference books are made available in the Library for equipping the students to undergo competitive examinations.

Skill enhancement programmes conducted by the Women Resource Centre functioning in the College under Kerala IT Mission offer different modules on communication skills, behavior skills, interpersonal skills and computer fundamentals. The certificate for the programme is issued by Kerala State IT Mission.

Entry into Service coaching classes were also offered by the institution for equipping the students to confront the competitive examinations.

#### *Self-financed programmes*

The institution offers a single self-financed programme, viz. B. Com. Computer Application. Admission to this programme is strictly as per the Government and University norms followed for self-financing programme. 50 % of the total seats is in the general category and the remaining 50% is reserved for management. In the general category 20% of the seats are reserved for SC/ST students. (In aided programmes 40% seats are in General merit, 20% for SC/ST,

20% for Community merit, and 20% for Management). Admission is from the rank list prepared based on merit. Curriculum for the programme was designed by the institution and approved by the University. Programme is run on a no profit no loss basis and the fee structure is decided by the Management. Tuition fee for the programme during 2012-13 was Rs. 6000/- (Rs.3000/- for the aided B.Sc. Computer Science & Rs.1000/- for the aided B.Com.(Co-operation programmes).Teacher qualification and salary for the guest lecturers of self financed programme is as per the Government / University regulations.

#### ***Additional skill oriented programmes***

The recently introduced Skill Enhancement and IT programme is relevant to regional and global employment markets. The college has also signed an MoU with the State Government offering its service as a Training Partner Institute (TPI) in the Additional Skill Acquisition Programme (ASAP). 2 batches of potential Skill Development Executives (SDE) will be trained in the college under the agreement in May and June, 2013. 4 teachers from the college has undergone master training to run the programme.

There is no flexibility of combining the conventional face-to-face and Distance Mode of education for students to choose the courses/combination of their choice.

### **1.3 Curriculum Enrichment**

The following are the efforts made by the institution to supplement the University's curriculum and academic excellence.

- ❖ Courses and workshops are conducted by the different departments to empower the students to be self-reliant and for acquiring organizational skills. Personality development is nurtured through NCC and NSS .
- ❖ Using online (internet) and offline (CDs and DVDs) resources of learning to enhance quality learning.
- ❖ Network resource Centre of the institution provides internet facility to the students to update themselves with recent knowledge.
- ❖ In addition to conventional lecture methods, interactive sessions are being conducted. Laboratory and project work is an integral part of some of the course works. Besides this, lectures and seminars are organized by inviting eminent personalities and resourceful teachers. IQAC channelizes the efforts and measures of the institution towards academic excellence.

### ***Efforts made by the institution to modify, enrich and organize the curriculum***

Feedbacks obtained from students, teachers and alumni members are analyzed. The College always gives due importance to the feedback provided by the Alumni while applying for the new programmes. Relevant revisions are identified and communicated to the authorities of the University in the form of suggestions by the various faculty members, who are the members of the Board of Studies at the University to modify the curriculum. An instance of modification of the curriculum: the new curriculum introduced in 2009 has a course titled Research Methodology in the initial semesters. So the students who have opted for a subject of their interest are denied the opportunity to learn the subject in the initial semesters. This created lack of interest among the students. Considering this matter, the curriculum is now in the process of modification by shifting this course of research methodology to the sixth semester.

To enrich the curriculum, practical sessions in different subjects, study tours, industrial visits, 'on the job training' and workshops are conducted by various departments. A Women Resource Centre is functioning in the college to enhance employability.

### ***Efforts to integrate the cross cutting issues into the curriculum***

Curriculum for B. A. History has a course on 'Gender sensitization'. 'Climate change' & 'Environment education' forms part of B. Sc. Botany programme. ICT is dealt in B.Sc. Computer science, B. Com. Computer application, B. A. English, B. Sc. Chemistry and as bioinformatics in the curriculum of B.Sc. Family & Community Science and B. Sc. Botany. All the departments excepting the department of history has involved in the curriculum restructuring of the university in 2009.

Besides inclusion in the curriculum, the following efforts are made by the institution to address these cross cutting issues. The institution organizes awareness programmes, seminars and lectures by various organizations and eminent personalities to integrate cross cutting issues.

Gender Sensitization was done through display of posters on women safety tips and organizing programmes like Women's Day celebration, discussions and debates. Often sensitization programmes were made by involving eminent personalities like Dr. Mallika Sarabhai.

Education on Environment and awareness on climate change was provided in class and through awareness campaigns. Environment awareness campaign funded by the Ministry of Environment and Forest was conducted in two consecutive years. The campus has been declared 'plastic free' by the joint and continuous efforts of these campaigns, NSS and NCC. The institution promotes use of cloth and jute carry bags. It has also banned the use of flex banners.

To address the issue of Human Rights, a seminar was conducted in February 2013 with the support of UGC to make the students and staff know their rights as a human being and particularly as women. Booklets on Human Rights were distributed under the auspicious of Kerala State Legal Service Authority as a part of legal literacy programme. Anti ragging and cyber crime classes were also conducted to create awareness.

Training in operating LCD projectors and preparation of PowerPoint presentations were arranged for the teachers to handle and utilize the potentials of ICT. Training in 'Office Automation' was provided to the administrative staff of the institution.

#### ***Value-added courses/enrichment programmes***

Various value-added and enrichment programmes are offered to ensure holistic development of students.

- ❖ ***Moral and ethical value*** classes are given to students in class by faculty members. Lectures are also given by religious authorities especially during the period of fasting and Ramzan. Lectures were conducted to inculcate human values utilizing the expertise from Bharat Sevak Samaj.
- ❖ ***Employable and life skills*** are offered by the Women Resource Centre through its Skill Enhancement and IT programme.
- ❖ ***Better career options:*** A Career Guidance Cell functioning in the college gives orientation on various career options and inform students about the call for opportunities. Awareness programmes are conducted by experts to selected group of students and reference books are made available in the library to equip the students to undergo competitive examinations.
- ❖ ***Community orientation:*** All students undergo a minimum of 42 days of Compulsory Social Service during the 3 year UG programme as per the university orders. The aim is to arouse the social conscience of student community, inculcate service mentality among students and to prepare them to be useful to the society. National Service Scheme (NSS) of the institution creates a spirit of service among students to the fellow being and to the society. It also aims at the personality development of student by interaction and participation in various social and cultural activities. National Cadet Corps (NCC) of the college engage in many activities helping to strengthen the social commitment among students.

Greening programmes, road construction, cleanliness drive, health camps, AIDS awareness programmes, Anti-drug campaigns, Cancer awareness programmes, Blood donation, fund raising drive for Pain and Palliative Care Centers and Kidney Foundation, etc., are few of the activities to be cited. Visit and distribution of food and clothes to Old Age

Homes and School for the Mentally Retarded are also a part of the social activity.

***Use of the feedback from stakeholders in enriching the curriculum***

Considering the stakeholder feedback, the college has decided to start classes on communication skill through the ASAP in the month of April 2013.

The following measures are taken by the institution to monitor and evaluate its enrichment programmes:

- ❖ The coordinator of the programme keeps track of student attendance and feedback.
- ❖ Feedback obtained is reviewed and the programme is subjected to modification with respect to timing, approach *etc.*
- ❖ Test papers are conducted periodically to evaluate the programme.

**1.4 Feedback System**

***Contributions of the institution in the design and development of the curriculum prepared by the University***

Feedback on curriculum from student-teacher interactions, parent meets, alumni requests and advices from academic peers are recorded, studied and analyzed through discussions by the faculty in the departments of the subjects concerned. Accordingly necessary recommendations are communicated to the affiliated University either through the Head of the institution or through members of Board of studies for improvement. **Two of our teachers are members of Faculty in 'English Language and literature' of University of Calicut. Ten faculty members represented the college in different Board of Studies of University of Calicut and/or Kannur in the last four years. Eleven teachers were actively involved in the curriculum restructuring of the University. Our former Principal was a member of Academic council and Senate of University of Calicut.**

The curriculum of Zoology complementary course was revised taking into account the common topics included in the curriculum of Chemistry complementary course. When the study of biomolecules, enzymes and enzyme kinetics, metabolic pathways etc. were introduced in the revised Chemistry curriculum, a student of B.Sc. Botany and B.Sc. Family and Community Science who studies both these complementary courses finds repetition of these topics. So the new Zoology curriculum was revised by omission of these common topics and inclusion of study of Physiology, emerging and socially relevant areas like Toxicology, Immunology, Pest management, Parasitology, Wild life biology *etc.*

### ***Feedback from students and stakeholders on curriculum***

Informal feedback taken from students of final semester on course are discussed in department councils and necessary modifications in curriculum are brought out specifically through members of Board of Studies and Principal in a general manner during Principal's meet.

Feedback forms are distributed to students and alumni yearly and opinions and suggestions are obtained. Parent-Teacher meetings are also conducted to discuss various matters. The view points are recorded, studied, analysed and presented to the University through the Head of the institution and members of Board of Studies.

### ***New programmes introduced by the institution during the last four years***

Though applications for new programmes were placed before the University, no new programme was introduced during the last four years due to the Government policy of non-sanctioning new programmes to colleges and unwillingness in taking additional financial commitments. However, in 2011 the Government has regularized two of our programmes viz. M.A. English and B.A. History which were running in the unaided stream.

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

### **2.1 Student Enrolment and Profile**

#### ***Admission process***

The institution follows the policy of Government of Kerala and regulations of University of Calicut in the admission of students to various programmes. The affiliating university invites applications for admission to the various programmes offered by the colleges through newspaper calls and University website. The institution ensures wide publicity to its programmes through the College Prospectus and Institutional Website. A single window system is in operation for admission to the postgraduate programmes offered by the institutions under the affiliating University where the applicants make a single application specifying the choice of preference of colleges and allotments are made accordingly.

All the applications received till the last date notified are scrutinized and a Provisional Rank List is prepared for each programme using standard software. The same is verified manually by the faculty members of departments concerned before publishing. The programme-wise provisional rank list is displayed on the college general notice board on the date specified by the University. This is

accessible to all the stakeholders. The provisional rank list shows all details regarding the applicant such as application number, order of merit, index mark, community and marks obtained in the qualifying examination. A separate programme-wise provisional rank list for SC/ST, Physically challenged and Sports category are also published. A copy each of all the provisional rank lists is communicated to the University on the date of publication of the same.

Interview schedule for candidates in the rank list is displayed on the college general notice board and the individual concerned is also informed personally by post. As a fresh initiative, from 2012 admission onwards, the Provisional Rank List and interview schedule are also uploaded in the institutional website and retained till the admission to the programme concerned is closed. At the time of interview the provisionally selected candidates and their parents are assembled in a hall where their names as per the provisional rank list are called aloud and interviewed by a body consisting of the Principal, Head of the department concerned, Class tutor and the Admission coordinator.

Admission is based on academic merit in the previous qualifying examination and personal interview. The formal interview conducted for all the selected candidates in the Rank list at the time of admission will enable verification of marks in the qualifying examination, certificates, identification of the differently abled, economically and socially weaker ones. For all programmes, 40% seats are in open merit, 20% in SC/ST, 20% in community merit and 20% in management quota.

#### **Entry level marks**

Maximum and minimum percentage of marks at the qualifying examination considered for admission during the previous academic year (2011-12) and comparison with other colleges in the district:

Programmes (UG and PG)	Open category		SC/ST category		Any other (Management)	
	Max. (%)	Min. (%)	Max. (%)	Min. (%)	Max. (%)	Min. (%)
B.Sc. Chemistry	90.6	85.42	49.66	44.16	77.92	74.08
B.Sc. Botany	89.66	82.66	61.83	52.83	57.91	47.75
B.Sc. FCS	70.83	70.62	38.41	35.16	80.5	39.16
B.Sc. Computer Science	89.91 (89)	82.66 (80)	53.83 (64)	41.08 (55)	75.08	68.92
B.A. English	88.83 (89)	81.41 (80)	72.41 (62)	58.08 (53)	83.16	80

B.A. History	84.08	78.08	72.08	59.83	76	74.33
B.Com.(Co-op)	91.83	85.83	88.83	69	80.83	80.41
B.Com. (CA)	90.83 (81)	73.5 (76)	70.83 (61)	70.83* (58)	78.16	77
M.A. English	94.16 (65)	67 (61)	53.37 (56)	50 (54)	51.44	44.06

*\*only one candidate took admission*

*Note :The percentage of marks given in paranthesis is that of a college in Malappuram district offering the same programme.*

Every year, before the admission process, the institution convenes a Staff Council meeting to analyze the trend in admission during the previous year and suggest relevant modifications. The number of candidates to be intimated in the first lot is finalized considering the merit of the last candidate admitted for each programme in the previous year. Committees are constituted to ensure smooth conduct of the interview. On completion of the interview the Staff Council reviews the procedure and student profile and suggests necessary changes to be adopted in the coming year.

All possible efforts are made to improve access to SC/ST, OBC, differently-abled and the economically weaker sections. Reservation as per Government norms are followed in admitting students from disadvantaged communities like SC, ST and OBC. In both UG and PG admissions, 20% of seats are reserved for SC/ST and 20% for community. Of the total seats, 3% is reserved for differently abled ; 1% for blind, 1% for deaf/ dumb and 1% for physically challenged. Two seats in every programme are reserved for sports quota. When sufficient number of applications are not received in SC/ST category, notifications are issued thrice in the dailies, after which the seats are filled from the community merit list. Being a college for women run by a minority community, due importance is given to them in all respects.

### Student profile

The percentage of students belonging to the above categories admitted to various programmes during 2010 and 2011 is provided below.

Programme	Year	% admitted						
		SC/ST	OBC	Women	Differently abled	Economically weaker sections	Minority community	Sports
B.Sc. CS	2010-'11	5.55	88.89	100	0	44.44	88.89	0
	2011-'12	11.11	86.11	100	2.7	77.77	80.55	0
B.Sc. Chem.	2010-'11	0	97.61	100	0	40.47	97.61	0
	2011-'12	9.52	90.47	100	0	52.38	85.71	0
B.Sc. Bot.	2010-'11	11.11	88.89	100	0	52.77	83.33	5.55
	2011-'12	22.22	77.77	100	0	72.22	77.77	2.77
B.Sc. FCS	2010-'11	0	100	100	0	52.77	100	0
	2011-'12	19.44	80.55	100	0	75	80.55	0
B.A. Eng.	2010-'11	12.5	82.5	100	2.5	60	80	2.5
	2011-'12	20	77.5	100	0	57.5	72.5	2.5
B.A. Hist.	2010-'11	20	77.5	100	2.5	15	80	2.5
	2011-'12	22	78	100	6	86	78	2
B.Com. Coop	2010-'11	20	75	100	2.5	62.5	70	2.5
	2011-'12	18	78	100	4	78	74	2
B.Com. CA	2010-'11	0	93.33	100	0	0	86.66	0
	2011-'12	12.5	81.25	100	0	0	75	0
M. A. Eng.	2010-'11	8.33	75	100	0	8.33	66.67	0
	2011-'12	16.67	83.33	100	0	66.66	66.67	0

% of Allotment: SC/ST - 20%; Minority community (Muslim) - 20%; Women - 100%

### Trend & Analysis of Demand Ratio

The details of demand ratio for various programmes offered by the institution during the last four years and their trend:

Programmes		Number of applications	Number of students admitted	Demand ratio
UG 1. B.Sc. Computer	2008-'09	214	36	1: 5.94
	2009-'10	150	36	1: 4.16
	2010-'11	93	36	1: 2.58

Science	2011-'12	139	36	1: 3.86
2. B.Sc. Chemistry	2008-'09	204	42	1: 4.85
	2009-'10	156	42	1: 3.71
	2010-'11	260	42	1: 6.19
	2011-'12	272	42	1: 6.47
3. B.Sc. Botany	2008-'09	114	36	1: 3.17
	2009-'10	186	36	1: 5.16
	2010-'11	267	36	1: 7.41
	2011-'12	329	36	1: 9.13
4. B.Sc. Family & Community Science	2008-'09	57	36	1: 1.58
	2009-'10	60	36	1: 1.66
	2010-'11	40	36	1: 1.11
	2011-'12	49	36	1: 1.36
5. B.A. English	2008-'09	301	40	1: 7.52
	2009-'10	334	40	1: 8.35
	2010-'11	292	40	1: 7.30
	2011-'12	320	40	1: 8.00
6. B.A. History	2008-'09	136	40	1: 3.40
	2009-'10	203	40	1: 5.07
	2010-'11	169	40	1: 4.22
	2011-'12	292	40	1: 7.30
7. B.Com. Co-operation	2008-'09	247	40	1: 6.17
	2009-'10	314	40	1: 7.85
	2010-'11	303	40	1: 7.57
	2011-'12	516	40	1: 12.90
8. B.Com. Computer Application	2008-'09	192	30	1: 6.40
	2009-'10	174	30	1: 5.80
	2010-'11	183	30	1: 6.10
	2011-'12	52	30	1: 1.73
PG 1.M.A. English	2008-'09	31	12	1: 2.58
	2009-'10	44	12	1: 3.66
	2010-'11	66	12	1: 7.80
	2011-'12	Online application was invited by university as part of the single window system of admission		
M.Phil.	Nil	Nil	Nil	Nil
Ph.D.	Nil	Nil	Nil	Nil
Integrated PG/Ph.D.	Nil	Nil	Nil	Nil

Value added	Nil	Nil	Nil	Nil
Certificate	Nil	Nil	Nil	Nil
Diploma	Nil	Nil	Nil	Nil
PG Diploma	Nil	Nil	Nil	Nil
Any other	Nil	Nil	Nil	Nil

- ❖ There is a decrease in the demand ratio of B. Sc. Computer science from 2009 – 2011. This may be due to an increase in the number of Engineering colleges in the self -financing sector offering undergraduate programme in Computer Science. But, 2011-12 showed a slight increase in the demand ratio in the wake of a decrease in pass % in self financing institutions.
- ❖ Except for 2009-10 there is an increasing trend in demand ratio contributed to the good performance of chemistry students in university examinations of previous batches. The reason for a dip in the demand ratio in 2009-10 is due to large scale enrolment in B. Pharm. and B. Sc. Nursing courses followed by the lifting of entrance examination.
- ❖ A steadily increasing graph in the case of Botany is due to the influence of the consistency in getting Ranks and good results in university examinations. Besides this, the agricultural backgrounds of the candidates hailing from agriculture based families also contributed to the demand.
- ❖ Being a comparatively non- traditional programme to the region, lack of awareness on the future prospects and scope of the programme has affected the demand for B.Sc. Family and Community Science Programme. However, Alumni and final year students of this programme have conducted awareness classes in the feeder institutions to familiarize the programme and its prospects.
- ❖ Earlier, B.A. History was a self-supporting programme, but later on in 2011, the programme was regularized by the Government. This has prompted in a big way the financially weaker students to choose this programme, thereby leading to an increasing demand ratio. The availability of the service of the permanent faculty in the department has also helped this trend.
- ❖ The demand ratio for B. Com. Co-operation during the year 2011-12 showed a marked increase because the University did not sanction the intake of students in the self-financing B. Com. Computer Application stream. Also there is an influence of the changed trend for the demand of commerce based programmes.

- ❖ Since the financial aid from the UGC has ceased after the three batches, the financial liability which was shifted to the students acted as a deterrent in opting for admission in B. Com. Computer Application. The University policy on admission process to the B.Com. CA also had its toll.
- ❖ The requirement of English professionals in the field of IT, teaching and other related fields throughout the country has been reflected in the increased number of applicants for M. A. English.

## **2.2 Catering to Diverse Needs of Students**

### ***Differently-abled students***

Reservation as per the policy of the State Government is followed in the admission of differently – abled. The number of such applicants is relatively less. Though very few are admitted, the institution pays special attention to their needs. In this effort, the new library block is constructed with ramp to facilitate movement of the physically challenged and western toilets are constructed for pregnant as well as disabled cases. Audio CDs are available in the library for the visually challenged. Besides reallocation of classrooms and seats, wheel chair facility is also provided to the physically challenged. Government stipends are also made available to the differently-abled. Further, the institution offers the provision for scribes in written examinations. Above all, peer group support is motivated and appreciated. The institution provides conveyance facility to all its students since the college is located in an interior area.

### ***Remedial programmes***

Before the beginning of the programme the students are given the opportunity to familiarize the subjects by giving bridge course on various topics in the syllabi. At present there is no provision for assessing the students' knowledge and skills before the commencement of the programme. However students are tested for their previous knowledge by asking probing questions before a teacher engages a particular topic and if found lacking, is taught the basics to bridge the gap. Remedial classes engaged during tutorial hours (beyond the regular hours) bridge the knowledge gap and pay attention to the slow as well as advanced learners. Remedial classes conducted after every internal evaluation also helps the slow learners.

### ***Orientation programme for freshers***

The college conducts a bridge course for the new entrants to give an orientation on the Programme details, Evaluation system, Campus rules and regulations, Library and other infrastructural facilities, co-curricular and

extracurricular activities like Sports, NCC, NSS and student support services like Anti ragging cell, Grievance Redressal Cell, Career Guidance Cell, Transportation etc. Besides this, awareness classes on Cyber crime and legal literacy are also offered to keep them abreast of potential threats and solutions.

### ***Enrichment programmes***

In-class seminars help the weak as well as the advanced learners to improve their performance. Weekly Association programmes and association activities organized by all the departments contribute to the overall development of the students. Expert lectures, Workshops and Seminars organized at regional, state and national level help the students update their knowledge in different discipline. Students are also encouraged to participate in seminars, conferences and workshops organized by other institutions and universities.

As majority of our students are from the rural background, special attention is paid in organizing programmes on personality development and computer skill enhancement. Legal literacy classes and cyber-crime awareness are also conducted to sensitise them on related issues. Distribution of hand books on legal support and law among students and staff also helps in this regard.

The institution takes interest to expose the advanced learners to the educational and career advancements possible beyond the institution. This is achieved through programmes like grooming for civil services, educational tours and visits to industries, manufacturing units etc.

### ***Gender sensitisation***

The very objective behind the establishment of the college is the uplift of womenfolk especially Muslim women of the socially and educationally backward district, Malappuram. Hence all possible measures are taken to educate staff and students on issues of gender, inclusion and environment. This has been achieved through a series of planned gender sensitization programmes. This includes poster displays in classes and activities in association with Kerala State Women's Development Corporation. Interaction with eminent personalities like Dr. Mallika Sarabai, seminar on women rights with involvement of activists like Dr. Amina Wadood, Dr. Sheila D'souza, Dr. Moly Kuruvila and faculty in Law of Aligarh Muslim University off campus centre, Malappuram are but some of them.

### ***Creating Environment Consciousness***

To impart environment education, besides classroom teaching, poster displays and awareness campaigns under support from MoEF and Centre for

Environment and Development were conducted with the involvement of students of B.Sc. FCS, B. Sc. Botany and Staff. Through the continuous efforts of students of National Service Scheme and staff, the college has been made plastic free. Non-degradable and biodegradable wastes are segregated at source by placing bins of different colour codes. All measures are adopted to maintain the campus clean and eco-friendly. The institution also maintains a separate page with links on its website to stress the need of conserving natural resources for sustainable development. The NSS and NCC units actively participate in afforestation and greening programmes in the campus and community which also promotes their social responsibility.

Being an area that faces water shortage during summer, importance of water conservation is stressed through rainwater harvesting and minimal use of available water. Terraced plantation method is adopted as a measure to prevent soil erosion in the uneven terrain of the campus. As an effort to conserve the biodiversity of the locality, all the trees of the campus bear their scientific names. Student participation in Compulsory Social Service makes them responsible citizens conscious and sensitive to environmental changes.

#### ***Slow and advanced learners***

Adoption of interactive teaching methods help for the better understanding of students by the faculty. ICT enabled teaching helps both the slow and advanced learners. Advanced learners are identified by class tutors and individual teachers from their in-class responses and periodic evaluation tests. Performance in practical classes are also a means to identify them. They are given tasks requiring high order thinking like assigning brainstorming inquisitive topics for seminar presentation. They are also encouraged in creative writing, addressing peers on relevant topics in each subject and given role of student coordinator and leaders. Such students are encouraged to participate in competitions like quiz, debates, elocution, versification etc. at various levels and facilitated through resources like IT, coaching classes for competitive examinations etc. Motivation through scholarship is also practiced.

#### ***Addressing the risk of dropout***

Each class has a Class Tutor to maintain a record of personal data, attendance and academic performance of every student. The attendance, behaviour and overall performance are monitored by the tutor as well as the subject teachers engaging them. Personal counselling and discussion with the parent/guardian of the ones at risk of dropout is carried out. Alternate arrangement is made wherever possible, especially the married and conceived students. Economically weak ones are supported with scholarships from various



*Exhibits in Workshop*



*Gender Sensitisation*



*Interaction with Dr. Amina Wadood*



*Legal literacy class*



*Memorial lecture*



*Personality development*



agencies like the State Higher Education Council, Muslim Merit Scholarship, Nadar Girls' Scholarship, SC/ST etc. Financial support from department faculty members, anonymous benefactors and well-wishers are extended to deserving students. PTA also provides financial aid for the economically weak students.

### **2.3 Teaching-Learning Process**

#### ***Planning & organization of teaching-learning and evaluation schedule***

Students are provided with the Academic Calendar at the beginning of each year showing the working days of the college, internal evaluation schedule, semester examination schedule, details of fee remittance etc. At the beginning of each semester, a semester plan of teaching is prepared by individual teachers and a copy of the same is forwarded to the IQAC by the Head of Department concerned. Periodic review in department council helps to know the progress and identify the difficulties and take appropriate measures to ensure the committed coverage of the syllabi.

Each faculty member has a Teacher's Diary to record the daily progress of the plan and also the hurdles, if any. Corrective measures are adopted by the respective teachers. Alternative measures include engaging extra hours by internal swaps and extra classes on holidays. Special time tables are issued towards the end of the semester to facilitate effective time and resource management.

Evaluation blue print is communicated at the beginning of the semester by respective subject teachers and assessments are carried out as per the scheme of evaluation followed by the affiliating university. Student seminar presentations and assignments which are also part of assessment scheme, are timely assessed, suggestions and feedback, provided for improvement and recorded with grades. After written tests, the answer scripts are returned to students and their overall performance is displayed and finalized before communicating the parents

#### ***Role of IQAC***

IQAC has been instrumental in promoting quality enhancement and sustenance through self-appraisal, evaluation and feed backs. Feed backs from various sources play a crucial role in assessing the teaching and learning process. These are obtained through Student feedback forms; Suggestion boxes placed at the most accessible spots, Personal feedbacks/communication from students and to some extent from peer assessment.

Improvement of the infrastructure for effective teaching - learning is also a prime concern of IQAC. There has been a remarkable progress in this area during the last few years. A Smart board, 11 LCDs, 8 Laptops, 3 OHPs, 1 Slide projector, 1 VCP, Audio/video CDs, Teaching models and charts add to the list of equipment. As part of improving the facilities a Language Lab cum IT lab, Seminar hall, Conference hall and IT supported spacious library has been constructed. In addition to the Network Resource Centre in the library and IT lab, Broad band connectivity is extended to all the departments, office and computer lab. INFLIBNET access is available to all staff and students.

IQAC promotes quality enhancement, to keep abreast with the latest innovations and concepts in teaching and learning. Seminars and workshops are organized periodically to get exposed to the recent trends. Faculty members have the provision for availing FDP under UGC for undertaking research degree. A total of twelve faculty members have availed this facility in the last three plan periods. Teachers are given opportunity to attend seminars, workshops and conferences organized by universities, organizations and other institutions. Participation of faculty in orientation and refresher courses conducted by academic staff colleges of different universities is also promoted. As a reflection of the social as well as academic commitment, faculty members are encouraged to undertake Research projects and publish their findings as research papers and articles. Above all, teachers are motivated to be resource persons within and outside the institution. Opportunity for interaction with external experts is also utilized whenever possible. Inter-departmental faculty exchange programme is promoted for better teaching - learning. Some of the topics of VI semester B.Sc. Chemistry are engaged by faculty of Zoology and Computer science. Besides workshops, training and motivation sessions are arranged for the Non -Teaching Staff for improving their quality and efficiency. It also develops ownership and accountability in all stakeholders.

#### ***Student –centric learning***

Student-centric learning is achieved through seminars and assignments where each student presents a topic in the class in each semester. Many subjects are taught through interactive method rather than lecture method. 'On the job training' programme is offered in nearby banks for the B.Com. Computer Application students. Life-skill acquisition takes place in the Home Management Practical sessions and also in the party arranged to all the staff and their parents by the Final year B.Sc. Family and Community Science students. Often outside trainers are invited for imparting training in soft toy making, book binding, glass painting, block printing on fabric etc. Garment stitching is practiced by Family and Community Science students. Visit to industries and manufacturing units are

conducted for Chemistry and Family and Community Science students. Study tour arranged for the final year students of all programmes also help in making learning student centric. The practical sessions offered to students of the science stream gives opportunity for better learning through doing. Effective questioning, Group Discussions, Debates, Research based student projects and Field trips make learning collaborative and independent.

### *Nurturing Critical thinking & Scientific temper*

College magazine, Wall magazine, Manuscripts, News bulletin, Exhibitions, On the spot competitions, Handicrafts etc. are some of the outlets for expressing the creativity of the students and staff. The institution publishes its college magazine annually with the Head of the institution as Chief editor, a Staff editor nominated by the staff council and a Student editor elected by the students. The student editor constitutes an editorial board which will assist her in editing and compiling of the articles. Our college magazine for 2009 -10, "**Paccha**" was listed **one among the ten magazines** considered for the **best magazine award** constituted by the **Malayala Manorama daily**. It also won the third place for the Best College Magazine Award organized by the Muslim Educational Society (Regd.), Calicut Youth Wing State Committee, Kerala. Our 2011-12 college magazine "**Sixes beyond the boundaries**" received the second prize for the Best College Magazine Award for the year 2011 constituted by the M. E. S (Regd.) Calicut. A Wall magazine maintained by the department of English provides a platform for the display of creative writing by students and staff.

Practical classes, Student projects, Field trips, Industrial visits and Environment awareness programmes nurture critical thinking and scientific temper among the learners. With the exception of mathematics, all science subjects offer practical classes which promote learning through experiments, dissections and activities. All the students of VI semester undertake a project in the core course as part of their course work. This in turn helps in analytical and reasoning abilities. Field trips conducted for the botany students are a means for creating scientific temper.

### *Technology & Facility for effective teaching*

All the departments and library has broad band connectivity. All the departments offering core subject are provided with a laptop and LCD projector. The faculty members make use of this facility to update their knowledge, improve teaching using power point presentations and visuals. Above all, to keep track of the recent development in various disciplines our library provides INFLIBNET facility to all its teaching staff and students. Access to e-resources is available through the N-list. Recently the institution has applied for **broadband**

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connectivity under the NME-ICT scheme. Smart board available in the IT laboratory is put to optimum use for effective teaching.

### ***Blended learning***

To promote e-learning, the departments of History and English host blogs. **HISTOBLOG**([www.history.blogspot.com](http://www.history.blogspot.com)) administered by the Head of Department of history, Mr. Shabeer mon offers free online study materials. The department of English has recently started the multiauthored blog, **PALIMPZEST** to provide an outlet for the creative imagination of the faculty members. It serves as an interactive, informal platform to post and comment. Besides forming an informal feedback for improvement, it becomes an instructional resource for students.

Language lab settings are made in the IT Lab itself and is utilized for learning language during class hours and for IT during off hours and after class. About 30% of classes are engaged with the help of technology integration. Students of some of the Science departments visit nearby industries to familiarize the practical and industrial applications involved in the syllabi.

### ***Expert lectures, seminars, workshops***

The institute encourages participation of both the students and faculty in seminars, workshops and conferences organised by various institutions and organisations. Except for three newly recruited teachers, all have attended one or the other seminar/workshop/conference in the last four years.

### ***Participation list of various seminar / workshop/ conference***

<b><i>Sl. No</i></b>	<b><i>Name of the Faculty</i></b>	<b><i>Seminars/ Conferences/ Workshops/ Symposia</i></b>	<b><i>Theme/Title</i></b>	<b><i>Resource person/ Participant</i></b>	<b><i>Organising institution</i></b>	<b><i>Period</i></b>
1	Dr. C. Saidalavi	Workshop	For principals of Kerala	Participant	ASC, University of Kerala	Feb. 2013
2		Conference	19 <sup>th</sup> Annual conference of Indian Colleges Forum	Participant	KVM College, Valancheri	Jan., Feb. 2013

3		Seminar	Innovation in co-operative sector	Participant	KAHM Unity Women's College	Sep. 2012
4		Seminar	Higher Education 2.0 illumine the future	Participant	Higher Edn.Council ,Trivandrum	June 2012
5		Workshop	Improvement and innovation in the governance of affiliated colleges	Participant	University of Calicut	Dec. 2011
6		Seminar	The Arabic experience of new trends in comparative literature	Resource Person	PTM Govt. College, Perintalmanna	Oct. 2011
7		Seminar	Contemporary Arabic literature pervasive trends and challenges	Resource Person	DACollege ,Karuvarakundu	Sep. 2011
8		Conference	Cultural, literary and linguistic Mutuality between Yemen and India.	Resource Person	EFLU Hyderabad	Feb.2010
9		Seminar	Arabic Language and Literature – A Universal threshold to job, education and trade.	Resource Person	Farook College, Faroke	Nov. 2009
10	Dr. K. Fousi	Seminar	Environmental management and its future perspectives	Participant	MES College, Mampad	12 <sup>th</sup> & 13 <sup>th</sup> February 2013

11		Conference	Principals of women's college in Kerala	Participant	Sacred Hearts College, Chalakudy	9 <sup>th</sup> February 2012
12		Seminar	Maintenance of quality in Higher Education Institutions : Prospects & Problems	Participant	Farook College, Calicut	7 <sup>th</sup> & 8 <sup>th</sup> February 2012
13		Seminar	E- waste – A question of future	Participant	St. Joseph's College, Devagiri	15 <sup>th</sup> Oct. 2011
14		Seminar	Harmful/ beneficial insects of agricultural importance with special reference to the nuisance pest <i>Luprops tristis</i> in rubber plantations	Presented a paper	St. Joseph's College, Devagiri	17 <sup>th</sup> & 18 <sup>th</sup> Feb. 2011
15		Workshop	Innovative pedagogy for laboratory exercises in zoology curriculum	Participant	Farook college, Calicut & Mahatma Gandhi Doerencamp Centre, Trichy	7 <sup>th</sup> oct.2010
16		Seminar	Role of women in combating climate change	Participant	Kerala State Council for Science Technology & Environment, Trivandrum & DST	8 <sup>th</sup> Jan.2010

17		Conference	Indian Science Congress	Participant	VSSC & University of Kerala, Kariavattom	3 <sup>rd</sup> to 7 <sup>th</sup> Jan.2010
18		Workshop	Capacity building of Women Managers in Higher Education	Participant	UGC & Centre for Women Studies, University of Calicut	4 <sup>th</sup> to 8 <sup>th</sup> May 2009
19		Workshop	Bioinformatics	Participant	NIT, Calicut	1 <sup>st</sup> April 2009
20		Seminar	Exploring new Frontiers of Nanotechnology & Biotechnology	Participant	SAFI institute of advanced study, Vazhayoor	2 <sup>nd</sup> Mar. 2009
21		Workshop	Restructuring Under graduate education	Participant	Kerala State Higher Education Council & ASC, University of Calicut	4 <sup>th</sup> & 5 <sup>th</sup> Dec.2008
22		Seminar	Medicinal properties of Botanicals	Participant	Marthoma College, Chungathara	28 <sup>th</sup> & 29 <sup>th</sup> Nov. 2008
23		Workshop	Climate change	Participant	Centre for Environment & Development	22 <sup>nd</sup> Nov. 2008
24		Seminar	Women in Science: A Career in Science	Participant	I.I.S.C., Bangalore & CUSAT	6 <sup>th</sup> April 2008

25	Dr. P.K Babu	Kerala State Cluster of Colleges Programme	Soft skills	Resource Person	R.S.M.S.N. D.P, Yogam College, Quilandy	10 March 2013.
26		UGC National Seminar	Human Rights Education	Paper Presenter	DGM MES College, Mampad	8 March 2013
27		National Interdisciplinary Conference	Minor Subjectivities: Paradigms of representation & discourse	Paper Presenter	Dept of Studies in English, Kannur University	27 & 28 Feb 2013.
28		UGC National Seminar	Human Rights for Women	Paper Presenter	KAHM Unity Women's College, Manjeri	6, 7, 8 Feb 2013.
29		National Seminar	The Politics of Translation	Participant	National Book Trust of India & Dept of English, University of Calicut.	6 & 7 Dec 2012.
30		Principals & Heads Conference	Additional Skills acquisition programme	Participant	Kerala State Higher Education dept.	28 Nov 2012.
31		76 <sup>th</sup> Orientation Programme	Communication skills	Resource person	UGC-Academic Staff College, University of Calicut	5 Nov 2012

32		2 day induction programme for Non-academic staff of CUIET	English Writing & Speaking	Resource person	UGC- ASC University of Calicut	20 Oct 2013
33		STC for Professional development of non-academic staff.	English Writing & Speaking	Resource person	UGC- ASC University of Calicut	28 Oct 2013
34		Teacher Empowerment Programme	Classroom Management	Resource person	MIC Arts & Science College, Kasargode.	6 Oct 2012
35		2 Day Induction programme for Non-academic staff of CUIET	Reading & Writing skills in English	Resource person	Academic Staff College , University of Calicut.	20 Oct 2012
36		STC for Professional development of Non-academic staff of Colleges	Writing skills in English	Resource person	Academic Staff College , University of Calicut	28 Oct 2012
37		Orientation course	Content Transaction in the Classroom	Resource person	Academic Staff College , University of Calicut	5 Nov 2012
38		Orientation course	Classroom communication	Resource person	Academic Staff College , University of Calicut	9 Mar 2012
39		Workshop	Project Management	Resource Person	PG Dept of English, Kahm Unity Women's College.	16 Jul 2012

40		Short term course for the professional development of Non-academic staff	Writing skills	Resource Person	Academic Staff College , University of Calicut	3 July 2012
41		International Conference	School of Tomorrow – The Xseed Conference on the future of School Education	Participant	iDiscoveri Education, Delhi	11 Nov 2011
42		Workshop	Communication for Individual Enrichment	Resource person	Farook College , Feroke, Calicut	31 Dec 2011
43		Seminar	English Today	Resource person	Co-opArts & Science College, Tirur.	25 Oct 2011
44		Short term course for the professional development of Non-Academic staff.	Writing Skills in English	Resource person	Academic Staff College, University of Calicut	20 Jan 2012
45		Invited Lecture	Soft Skills for Teachers	External Subject Expert	SCERT	25 Jan 2012
46		Lecture Series	Linguistics	Participant	Dept of English & research Centre , Sree kerala Varma College, Trichur	1-2 June 2011
47		Short term course for the professional development of Academic staff	English Today	Resource Person	Academic Staff College, University of Calicut	16 Dec 2011

48		Orientation Programme	Classroom Communication	Resource Person	Academic Staff College, University of Calicut	12 Dec 2011
49		Seminar	How skilled are the English Majors?	Resource person	PG Dept of English, Unity Women's College, Manjeri	21 Dec 2012
50		Workshop	Career Guidance & Counseling	Participant	UGC Career & Counseling Centre University of Calicut	12-13 Jan 2012
51		National Seminar	Marginalisation & Women's Writing	Chair, session 1	PG Dept of English, PSMO College, Thirurangadi	31 Jan 2012
52		Orientation programme	Communication skills for college teachers	Resource Person	Academic Staff College, University of Calicut	7 Feb 2012
53		Seminar	Soft skills for teachers	Resource Person	(scert) Providence Girls Higher Secondary School, Calicut	11 Jan 2012
54		Seminar	Career Skills	Resource Person	Dept Of English NSS College Manjeri	02 Feb 2012

55		One day session	Career opportunities in Humanities	Resource Person	UGC career & Counseling Centre University of Calicut	7, 8 & 9 Feb 2012
56		Seminar	NAAC Reaccreditation: Problems & Prospects.	Participant	IQAC, KAHM Unity Women's College.	30 Nov 2011
57		One day session	Post-war Fiction	Resource Person	MEASS College NET Coaching Programme , Areacode	11 June 2011
58		One day Session	Reading Skills	Resource Person	Kannur University Employment Guidance Bureau	4 June 2011
59		Workshop	Teacher's English	Resource Person	San Jose English Medium Higher Secondary School, Pala	28 <sup>th</sup> & 29 <sup>th</sup> May 2011
60		International Conference	School of Tomorrow – The Xseed Conference on the future of School Education	Participant	iDiscoveri Education, Delhi	7 Dec 2010
61		Workshop	General English	Resource Person	Kannur University Employment Guidance Bureau	12 January 2010

62		Seminar	General English	Resource Person	Kannur University Employment Guidance Bureau	27 October 2010
63		Seminar	Writing Skills	Resource Person	Kannur University Employment Guidance Bureau	30 September 2010
64		Workshop	Reading Skills	Resource Person	Kannur University Employment Guidance Bureau	15 June 2009
65		Seminar	General English	Resource Person	Kannur University Employment Guidance Bureau	18 June 2009
66		Seminar	Interrogating Folklore in Cultural Representation: Canada and Goa	Participant	Department of English, Goa University	15 & 16 Nov 2005
67		Seminar	Possibilities for 21st Century Education	Resource Person	MES Higher Secondary School, Olavakkode.	13 Dec 2009
68		Workshop	Campus communication	Resource person	St. Kuriakkose English Medium School	4 July 2009
69		Seminar	6-day national workshop on Building Competence for Leadership	Resource Person	MES College, Mampad	25 February 2009

62		Seminar	General English	Resource Person	Kannur University Employment Guidance Bureau	27 October 2010
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69		Seminar	6-day national workshop on Building Competence for Leadership	Resource Person	MES College, Mampad	25 February 2009

70		Seminar	Time Management	Resource Person	KMCT Engineering College, Calicut	18 Dec 2012
71		Seminar	7-day southern regional workshop on Strengthening Capacity for Empowerment	Resource Person	M E S College, Mampad	16 october 2008
72	Dr. Abdul Salam. C. M	National Seminar	Environment Management & it's future perspective	Participant	M.E.S Mampad College, Mampad	12 <sup>th</sup> & 13 <sup>th</sup> February 2013
73		National Seminar	Medicinal & Insecticidal Properties of some botanicals	Participant	Marthoma College, Chungathara.	28 <sup>th</sup> & 29 <sup>th</sup> November 2008
74	Dr. C. Abdul Majeed	National Seminar	Human Rights for Women	Co-hosted	KAHM Unity Women's College, Manjeri	6,7&8 Feb. 2013
75		National Seminar	Research Methods in Social Sciences	Chaired	Government College Malappuram	28 & 29 Nov. 2012
76		Regional Seminar	Innovations in co-operative sector	Participant	Unity Women's college, Manjeri	12-sep-2012
77		Regional Seminar	Interest free finance in India	Chaired Technical Session	EMEA College of Arts & Science, Kondotty	24&25 – jan-2012

78		Regional	NAAC Re- accreditation: Processes & Prospects	Participant	KAHM Unity Women's College, Manjeri	30, November ,2011
79		National Seminar	Growth & Prospects of Indian financial markets & the innovative changes in the current scenario	Chaired technical session	N.S.S College, M anjeri	22,23 & 24-sep- 2011
80		College level	Recent Trends in Higher Education	Presented a paper	HM College of Science and Technology, Manjeri	1 <sup>st</sup> Feb- 2011
81		College level	Outsourcing- a Management Tool.	Presented a paper	Sree Narayana College, Natika	30 <sup>th</sup> June 2010
82		National Seminar	Micro Finance- an Indian Advantage	Participant	MES Keveeyam College, Valanchery	17 <sup>th</sup> & 18 <sup>th</sup> Nov-2009
83		University Level	Workshop on Evaluation and Grading, CCSS(UG)	Participant	Govt. College, Malappuram	23 <sup>rd</sup> Nov- 2009
84		National Seminar	Micro Enterprises- challenges and prospects	Chaired technical session	PSMO College, Thiruragadi	21 & 22- oct-2009
85		College level Seminar	Globalization and its impact on India	Presented a paper	Marthoma College, Chungathara	21st October 2009

86		State Level Orientation Programme	Methodology Courses	Participant	The Kerala State Higher Education Council, Thiruvananthapuram	24th & 25th July 2009
87		National Seminar	Supply Chain and Logistics Management	Chaired Technical session	DGMMES Mampad College	1st & 2nd Dec- 2008
88	Dr. Annie Ninan	International Conference	Bioactive Natural Compounds from plant food on Nutrition & Health	Participant & Paper Presentation	CMS College, Kottayam	20,21,& 22 <sup>nd</sup> Sept 2012
89		National Workshop	Breast Cancer	Joint Co-ordinator	Higher Education Council, Govt. of Kerala, & Dept. of Home Science UWC, Manjeri	5 <sup>th</sup> Mar 2012
90		International Conference	Sports and Nutrition	Participant	Avinashilingam University For Women, Coimbatore, UGC and DST, Coimbatore.	8 <sup>th</sup> & 9 <sup>th</sup> Mar 2012
91		Seminar	Early Pregnancy and it's consequences, sex education	Resource person	Women's Cell, Regional College of Science and Humanities, Kizhissery Malappuram	10 <sup>th</sup> Feb 2012

92		Seminar	Relevance of sex education	Resource person	Malabar Hindi Prachar Kendra, Konkotty Malappuram (A Govt, recognized teacher education centre)	2 <sup>nd</sup> Dec 2011
93		Regional Seminar	NAAC Reaccreditation Processes and Prospects	Participant	IQAC, UWC Manjeri	30 <sup>th</sup> Nov 2011
94		Seminar	Adolescent Counseling	Co-ordinator	Solace Family Counselling Centre. Manjeri	30 <sup>th</sup> Nov 2011
95		Interview	Family Counsellors	Subject Expert	Kerala State Social Welfare Board & Mahila Samajam, Manjeri.	19 <sup>th</sup> Nov 2011
96		Seminar	Nutrition For Adolescent Girls	Resource Person	Bharat Nirman Public Information Campaign, Press Information Bureau.	14 <sup>th</sup> Oct 2011
97		Seminar	Gender Awareness Campaign	Participant	Kerala State Women's Development Corporation, Trivandrum.	6 <sup>th</sup> Jul 2011
98		Seminar	Nutrition For Adolescent Girls	Resource Person	Directorate Of Field Publicity, Ministry of Broad Casting	9 <sup>th</sup> March 2011

99		Seminar	Women In Hospitality Industry	Participant	Dept . Of Food Service Management And Dietetics, ADU, Coimbatore.	10 <sup>th</sup> Feb2011
100		Conference	Healthy Heart-a lifeline to healthy life	Participant	Pepsico India Holdings and UGC,Department Of FSN,Avinashilingam Deemed University, Coimbatore.	18&19Jan 2011
101		Seminar	Adolescent Nutrition	Resource Person	Bhart Nirman Public Information Campaign, Press Information Bureau	21 <sup>st</sup> January 2011
102		Seminar	Nutritional Aspects of Women & children	Resource person	Directorate of Field Publicity office, Ministry of Information and Broadcasting	13 <sup>th</sup> March 2010
103		Regional Seminar	Gearing Home Science curriculum towards better career prospects	Participant	Home Science Association of India, South Region and Avinashlingam advanced centre for education and research in basic sciences	21 <sup>st</sup> & 22 <sup>nd</sup> August 2009
104		Seminar	Nutrition for pregnant women & children	Resource person	Bharath Nirman public	11 Nov 2009

					Information campaign, Press information Bureau, Govt. of India	
105		Seminar	Nutrition	Resource person	Bharath Nirman public Information campaign, Press information Bureau, Govt. of India	17 Feb 2009
106		Seminar	Capacity Development Programme for Anganwadi Workers & Helpers	Resource Person	Social Welfare Department, ICDS Malappuram.	24 <sup>th</sup> Aug 200[8
107		State level Seminar	The Myriads of Chemistry – from Molecules of Life	Participant	Dept. of Chemistry & Food Science, Govt. College, Malappuram	5 <sup>th</sup> & 6 <sup>th</sup> December 2012
108	Dr. Muhammed Basheer Ummathur	National Seminar	Molecular Spectroscopy	Participant	Dept. of Chemistry, Govt. Arts & Science College, Kozhikode	21 <sup>st</sup> & 22 <sup>nd</sup> November 2012
109		National Seminar	Maintenance of Quality in Higher education: Prospects and Problems	Participant	IQAC, Farook College	7 <sup>th</sup> & 8 <sup>th</sup> March 2012
110		Regional seminar	NAAC Re-accreditation : Prospects & Processes	Participant	IQAC, KAHM Unity Women's College, Manjeri	30 <sup>th</sup> November 2011

111		State Level Seminar	Modern Trends in Chemistry	Participant	Dept. of Chemistry, MES College, Mampad	6 <sup>th</sup> & 7 <sup>th</sup> October 2009
112		Workshop	Restructuring Undergraduate Education	Participant	Dept. of Chemistry, University of Calicut	10 <sup>th</sup> to 12 <sup>th</sup> , 26 <sup>th</sup> & 27 <sup>th</sup> February 2009
113		State Level Seminar	National Environment awareness campaign	Participant	Centre for Environment and Development & Unity Women's College, Manjeri	28 <sup>th</sup> January 2009
114		Seminar	National environment awareness campaign	Participant	Centre for Environment and Development & Department of Zoology, Unity Women's College	28 <sup>th</sup> December 2008
115		State Level Seminar	Phytochemistry and its ethnobotanical significance	Participant	Dept. of Chemistry, NSS College, Manjeri	24 <sup>th</sup> & 25 <sup>th</sup> November 2008
116	Mr. Faizal T.K	National Seminar	Human Rights for Women	Participant	KAHM Unity Womens College	07-02-13 to 09-02-13
117		National Seminar	Reawakening of mapila Litrature	Participant	NAM College, Kallikkandy	17-12-10 to 18-12-10

118		Workshop	College level Training programme in General Informatics	Participant	Kerala State Higher Education Council	13-12-10 to 15-12-12
119	Mrs. Haseena Jasmine C.K	National seminar	Human Rights for Women	Participant	KAHM Unity Women's College	6,7,8 -02-2013
120		Regional Seminar	Innovations in Co-operative Sector	Co-ordinator	KAHM Unity Women's College, Manjeri	12-09-2012
121		National Seminar	Recent Trends in Security Analysis and Portfolio Management	Presented on "Exchange Traded Fund"	MES Kallady College, Mannarkad	14 & 15 - 02- 2012
122		Regional Seminar	NAAC Re-accreditation: Prospects and Processes	Participant	IQAC of KAHM Unity Women's College, Manjeri	30-11-2011
123		National Workshop	Research Methodology	Participant	University of Calicut	23,24-02-2010
124		National Seminar	Innovations in Finance	Participant	D C M S University of Calicut	09,10-02-2010.
125	Mrs. Jaseena. C	Seminar	Impact of Gulf Migration on Malabar	Participant	Dept of History KAHm Unity Women's College Manjeri	January 30 <sup>th</sup> 2013

126		National Seminar	Human Rights for Women	Participant	UGC and KAHM Unity Women's College Manjeri	February 6 <sup>th</sup> to 8 <sup>th</sup> 2013
127		Regional Seminar	Political Issues in West Asia	Participant	Dept of History KAHM Unity Women's College, Manjeri	January 7 <sup>th</sup> 2013
128		National Seminar	Women Empowerment in Kerala: Problems and Prospects	Participant	Govt College, Malappuram and Directorate of College Education	January 3 <sup>rd</sup> to 5 <sup>th</sup> 2013
129		State Level Workshop	Identifying History Projects	Participant	Dept of History, Govt Arts and Science College. Kozhikode and Kerala state Higher Education Council	Oct 11 <sup>th</sup> 2012
130		Seminar	South Indian History Congress, 32 <sup>nd</sup> Annual Session	Participant	Dept of Indian History, University of Madras, Chepauk, Chennai	3, 4, 5 Feb 2012
131		Regional Seminar	NAAC Re-Accreditation: Prospects and Processes	Participant	KAHM Unity Women's College, Manjeri	30 Nov 2011

132		National Seminar	The Significance of Manjeri Political Conference of 1920	Participant	UGC and PG Dept of History, NSS College, Manjeri	15, 16, 17 Sep2011
133		International Conference	Locating the Indigenous: Local National and Global forms of Indian Medical Practices	Participant	Dept of History University of Calicut	21, 22, 23 Oct2010
134		Workshop	Local History	Participant	Dept of History University of Calicut	27, 28, 29 Jul 2010
135		National Workshop	Research Methodology	Participant	Dept of History University of Calicut	23, 24 Feb2010
136		Seminar	South Indian History Congress,30 <sup>th</sup> Annual Session	Participant	PG Dept of History Co-Operative Arts and Science College, Ma dayi, Kannur	6,7,8 Feb2010
137		National Seminar-Cum-Workshop	Restructuring Under Graduate Curriculum	Participant	UGC,Kerala State Higher Education Council, University of Calicut,and EMEA College of Arts and Science	25,26 Aug2008

138	Dr. P. Jyothi	National Seminar	Myriads of chemistry-from molecules to life	Participant	Govt.college, Malappuram	06 Dec 2012
139		Regional seminar	"NAAC Re - accreditation: prospects and Processes	Participant	KAHM Unity Womens College Manjeri	30 Nov 2011
140		Workshop	Restructuring undergraduate curriculum	Participant	University of Calicut	10-12, 26,27 Feb2009
141	Mrs. A. Krishna Sunder	Seminar	Human Rights Seminar for Women	Paper Presenter	K.A.H.M. Unity Women's College	2012
142		Seminar	Interdisciplinary Crossroads	Participant	Govt. Victoria College, Palakkad	2012
143		Seminar	The Politics of Representation	Participant	Providence Women's College	2008
144	Mrs. N.V. Fatimathu Zuhara	National seminar	Human rights for women	Participant	KAHM Unity Women's College, Manjeri	6,7,&8 <sup>th</sup> of Feb. 2013
145		National Seminar	Food Security - a millennium challenge	Participant	St. Joseph's College, Devagiri Calicut	10 Nov 12
146		International conference	Sports nutrition	Participant	Avinashilin gam Deemed	8 Mar 2012

					University for Women Tamil Nadu	
147		Seminar	NAAC Re – accreditation Prospects & Process	Participant	KAHM Unity Women's College, Manjeri	30 Nov 2011
148		National Conference	Food sustenance securing a healthier future for wealthy life	Participant	Maharaja-co-education Arts & Science college Erode Tamil Nadu	30 Sep 2011
149		National Conference	Healthy Heart – a life line to healthy life	Participant	Avinashilingam Deemed University for Women Tamil Nadu	19 Jan 2011
150		Workshop	Trainers training to CD Project officers & supervisors	Resource Person	Dept. of School welfare, Kozhikode	20 Feb 2010
151		Workshop	Cooking fun	Resource Person	Bench mark International School, Tirur	May 2009
152	Dr. P.I. Radha	National Seminar	Post Modern Malayalam	Participant	Dept of Collegiate Education,	2,3,4 Jan2013

			Fiction		Govt of Kerala & TMG College, Tirur	
153		Workshop	Students Empowerment for SC/ST Students	Participant	ITSR, University of Calicut	27,28 Sep 2012
154		National Seminar	Return of the Narrative	Participant	Sahitya Academy New Delhi & Tunchan Memorial Trust Tirur	2,3 Feb 2012
155		National Seminar	Adhunikananthar a Malayala Kavitha	Resource Person	T M G College, Tirur	2,3,4 Nov 2011
156		Regional Seminar	NAAC Re-accreditation: Prospects & Processes	Participant	Internal Quality Assurance Cell of KAHM Unity Women's College Manjeri	30 Nov 2011
157		Seminar	Restructuring of Malayalam U G Syllabus	Participant	NSS College Ottappalam	1st March
158		National Workshop	Drama	Participant	T M G College, Tirur	30 Oct 3 Nov

159		Malayala Bhasha Day Celebration	Malayalam Literary Tradition of Malappuram Dist	Resource person	Bharathiya Vichara Kendram Malappuram	17 <sup>th</sup> Aug 2010
160		Workshop	G-Punarvayana	Resource person	Maharajas College & Ernakulam Cluster of Colleges	3 & 4 Aug 2010
161		Seminar	Kavitha Vijnanam	Resource person	Sree Sankaracharya Sanskrit University, Kalady	25 <sup>th</sup> Apr 2009
162	Mrs. K.T Ramlath	National Seminar	Molecular spectroscopy	Participant	Govt. Arts and Science College, Kozhikode	22, 23 Nov 2012
163		Conference	97 <sup>th</sup> Indian Science congress	Participant	University of Kerala	03-07 Jan 2010
164		National Seminar	IR-NMR spectroscopy, theory and applications	Participant	Govt. Arts and Science College, Kozhikode	18 Nov 2009
165		National Seminar	Phytochemistry & its ethno botanical significance	Participant	NSS College, Manjeri	24, 25 Nov 2008
166	Mr. Abdul Rof V	National Seminar	Foundations of Mathematical Analysis	Participant	PSMO College Tirurangadi	23, 24 Nov 2011

167		Workshop	Orientation for Programme officers of Red Ribbon Clubs	Participant	Kerala State AIDS Control Society	11 Jan 2010
168		International Symposium	Probability theory & stochastic processes	Participant	CUSAT	6-9 Feb 2009
169		National Seminar	Recent trends in Operations Research	Participant	PSMO College Tirurangadi	22,23 Oct 2008
170	Mr. M Shabeermon	National seminar	Human Rights for Women	Assistant Coordinator	KAHM Unity Women's College	6,7,8 Feb 2013
171		Regional Seminar	Political Crisis In West Asia	Participant	KAHM Unity Women's College	14 Dec 2012
172		National seminar	Human right violation	Participant	PSMO College Tirurangadi	2008
173	Mrs. P.T Shameema	National Seminar	Human Rights for Women	Participant	KAHM Unity Women's College-Manjeri	6-9 Feb 2013
174		National Seminar	Quality Enhancement in Higher Education Through Best Practices	Participant	SNGC-Chavadi	09,10 Jan 2013
175		Regional Seminar	Innovations in Co-operative Sector	Participant	KAHM Unity Women's College-Manjeri	12 Sep 2012
176		Regional Seminar	NAAC Re-accreditation: Prospects and Processes	Participant	KAHM Unity Women's College-Manjeri	30 Nov 2011

177	Mr. Abdul Razak T T	Entrepreneurial Meet	Empresario Reunase	Participant	Farook College	9,10 Mar 2011
178		National seminar	Human Rights for Women	Chaired	KAHM Unity Women's College	6,7,8 Feb 2013
179		Regional Seminar	NAAC Re-accreditation: Prospects and Processes	Participant	IQAC of KAHM Unity Women's College, Manjeri	30 Nov 2011
180		National Seminar	Risk Return Trade off	Participant	Govt. College Madappally	January 2009
181		National Seminar	Customer Relationship Management	Participant	Govt. College Madappally	9,10 Jan 2011
182		Workshop	Prospects of commerce	Resource person	Noble Public School, Manjeri	Jul 2010
183		Development Seminar	Vision Vadakara	Participant	Vadakara	Nov 2009
184		International Seminar	Islamic Banking	Participant	Rauzathul Uloom Arabic College, Farook	Oct 2009
185		Regional Seminar	Innovations in Co-operative Sector	Chaired	KAHM Unity Women's College, Manjeri	12 Sep 2012
186		National Seminar	Identity Crisis in the Co-operative Sector	Coordinator	KAHM Unity Women's College, Manjeri	26,27 Nov 2008

187	Mr. Muhammed Abdul Hakkeem. C	National seminar	Recent Observations in Radiation Therapy and Imaging	Participant	University of Calicut	15,16 Oct 2011
188	Mrs. K Sangeeta	National Seminar	Human Rights for Women	Participant	K A H M Unity Women's College	6, 7,8Feb 2013.
189		Seminar	University Level Orientation Programme for Young College Teachers	Participant	PSMO College Tirurangadi	12,13 Feb 2011
190	Mrs. M.P Aswathi.	National Seminar	Human Rights for Women Autobiography as a Space for Resistance	Participant	K A H M Unity Women's College	6, 7,8Feb2013
191		National Seminar	on Inter-disciplinary Crossroads: perspectives in Cultural Studies	Participant	Govt. Victoria College, Palakkad	3,4 Jan 2013
192		regional Seminar	NAAC	Participant	Unity Women's College, Manjeri	2012
193		Seminar	Career Paths for English Majors	Participant	Do	22 Dec 2011
194		regional Seminar	Orientation programme for young college teachers	Participant	PSMO College Tirurangadi	Jan2011
195	Dr. P. Zakir Ahamed	National Seminar	Dimensions on Health and Wellness	Participant	Krishna Menon Memorial Government Women's College, Kannur	26Feb 2013

196		National Seminar	Effect of Exercise with and without weight training on Leg explosive strength and agility of Basket ball players	Paper Presenter	Sree Sevugan Annamalai College, Devakottai, Tamil Nadu	5,6 Oct 2012
197		National Seminar	Physical Activity and New Age Diseases – Current Perspective	Paper Presenter	MES Mampad College, Mampad, Malappuram Dt.,	12,13 Mar2012
198		National Seminar	Maintenance of Quality in Higher education: Prospects and Problems	Participant	Farook College & CREST Calicut	7,8Mar2012
199		National Workshop	Breast Cancer	Resource Person	KAHM Unity Women's College, Manjeri, Malappuram Dt.	5 Mar2012
200		Workshop	Open Course in Physical Education	Participant	University of Calicut	26,27 Nov2010
201		International Conference	Talent Identification and Development in Physical Education	Paper Presenter	Saint Mary's Syrian College, Brahmavar, Karnataka	29,30Jan 2010
202		International Conference	Emerging Trends in Fitness For Longevity and Education for Empowerment	Paper Presenter	Alagappa University, Karaikudi, Tamilnadu	5,6Mar2009
203		National Conference	Modern Trends in Physical Education and Sports	Paper Presenter	SAI Lakshmibai National College of Physical Education, Trivandrum	4,5 Jan 2008

204		Workshop	Physical Education Curriculum	Participant	St. Mary's College, Sultans Battery, Wayanad	27 Mar 2007
205	Dr. IP Abdul Razak	Workshop	The Second State Level Training Programme on Administrative Staff	Resource Person	Kerala State Higher Education Council	11 & 12 Jan2013
206		Workshop	-“Quality improved Teaching – learning in Tertiary Education”	Resource Person	Govt.College, Manantavady	2Nov2012
207		Seminar	A Profile on Academic Committees”	Resource Person	Payyannur College, Payyannur	7,8&19,20 Sep2012
208		Seminar	“Technology-Enabled learning for Enhancing Knowledge and Skills”	Participant	Kerala State Higher Education Council	23Aug 2012
209		Seminar	“Higher Education 2.0-Illuminate the Future”	Co ordinator	Kerala State Higher Education Council	4,5 Jun 2012
210		Seminar	“Choice based semester system –a boon or bane”	Resource Person	Kozhikode	Apr2012
211		Seminar	“Presidential Election in the United States” Prof. David G Baker, Fulbright senior specialist, United States delivered the keynote address	Participant	The Kerala State Higher Education Council	2Apr 2012

212	Seminar	"Trends in the Internationalization of Higher Education in the 21 <sup>st</sup> Century"	Participant	The Kerala State Higher Education Council	1Mar2012
213	Seminar	2 day National Seminar which was sponsored by UGC and DST.	Resource person	St. Joseph's College Devagiri Calicut	17,18 Feb2011
214	Seminar	UGC sponsored National Seminar	Resource person	PSMO College, Tirurangadi	3,4 Nov2010
215	Workshop	"Innovative pedagogy for laboratory exercises in Zoology curriculum"	Participant	Farook College, Kozhikode	7 Oct2010
216	Workshop	Curriculum Restructuring	Participant	University of Calicut	19-23Jan2009
217	Seminar	Mangroves-Biodiversity and Conservation Strategy' Medicinal properties of Botanicals	Participant	Govt. Arts and Science College, Calicut	28 Nov 2008
218	Workshop	'Cluster formation and grading'	Participant	Unity Women's College Manjeri,	11 March 2008
219	Workshop	'National Environment Awareness Campaign2007-2008'	Participant	Calicut	14 Jan 2008

220	Dr. Meera Devi A.C	National Seminar	Assyothar Hindi Sahithya – Bahuyayami Paridrisyya	Resource Person	Sanskrit University, Thirunnavaya	30,31 Jan 2013
221		National Seminar	Vishnu Prabakar Ka Rajana Lok	Resource Person	Govt. Victoria College Palakkad	3,4 Jan2013
222		Workshop for 1 <sup>st</sup> Year Students	Hindi Computing	Organized	Dept. of HindiUnity Women's College Manjeri	4Dec2012
223		Regional Seminar	NAAC Reaccreditation: Prospects & Processes"	Participant	IQAC of KAHM Unity Women's College Manjeri	30Nov 2011
224		National Seminar	Comparative Study of Modern Hindi & Malayalam Literature	Resource Person	Dept.Hindi University of Calicut	30Sep 2010
225		Workshop	Restructuring the UG Syllabus of Calicut University	Participant	University of Calicut	24-28 Feb2009
226	Mrs. AS Anitha Begum	National Seminar	Human rights	Participant	Unity Women's College	2013
227		Workshop	Handicraft	Coordinator	Unity Women's College	2013
228		National workshop	Breast cancer	Coordinator	Unity Women's college	2012
229		National seminar	Food sustenance	Participant	Maharaja College,Peru mdurai	2011

230		Workshop	Curriculum Restructuring	Participant	Vimala College, Trissur	2008
231	Mr. Lirar Pulikkalkath	National Seminar	Impact of Gulf Migration on Malabar	Convener	KAHM UWC, Manjeri	Jan 2013
232		Annual Students Seminar	Role of Media and Society in the Arab Spring	Resource Person	Centre for West Asian Studies, SIS, JNU, New Delhi	Dec 2012
233		National Seminar	Contemporary Yemen: Social and Political analysis	Resource Person	Gulf Studies Program, JNU, New Delhi	Sep2012
234		Regional Seminar	Arab Spring: Issues and Implications	Convener	KAHM UWC, Manjeri	Sep2012
235		International Seminar	Political Crises in the Arab World	Participant	JMI, New Delhi	Mar2012
236		International Seminar	Arab Spring and the Political Order in the West Asia	Participant	JNU, New Delhi	Mar2012
237	Mrs. K Deepa	State level seminar	Modern trends in chemistry	Participant	PG Department of chemistry, DGM MES Mampad College	06,7 Oct2009
238		National seminar	Phytochemistry and its ethno botanical significance	Participant	Dept. of Chemistry NSS College Manjeri	24,25 Nov2008

239		Lecture workshop	Current topics in chemistry	Participant	Dept. of Chemistry St. Thomas College Pala	10,11 Apr2008
240	Dr. Azeez	Science Day Celebration 2013	"Genetically Modified Crops and Food Security"	Paper presenter	MES Kallady College, Mannarkad	27 Feb2013
241		National Seminar	Innovative Approaches in Plant Science	Participant	Govt. Arts and Science College, Calicut	19 - 20 Nov 2012
242		National Seminar	Conservation of Biodiversity- Unsolved Problems, Their Policy and Individual Responsibility"	Participant	Malabar Christian College, Calicut	22 – 23 Sept. 2011
243		National Seminar	Medicinal Plants – Recent Trends	Resource Person	PSMO College Tirurangadi	21Dec2010
244		Lecture Series	Lecture series in Genetics	Resource Person	University of Calicut	18 Feb & 21 Oct2010
245			Biodiversity and Conservation with special reference to the Western Ghats of Kerala	Resource Person	PPM Higher School, Kottukara	20 Nov 2008
246	Shahina Mol	National Seminar	Return of the Narrative	Participant	Thunjan memorial trust, Tirur	3 <sup>rd</sup> February 2012

247		National	The Politics of Representation of the self and the other in literature and film: Pedagogy Beyond the text	Participant	Farook college, Calicut	12 <sup>th</sup> and 13 <sup>th</sup> October 2011
248		Regional	One day workshop on Research Methodology	Participant	Amal college of advanced studies	27 <sup>th</sup> march 2010
249		National	Literature of the marginalized: theory, Issues and Relevance	Participant	Farook College, Calicut	24 <sup>th</sup> and 25 <sup>th</sup> March 2010
250		National	Communicative approaches to the teaching of literatures at UG level	Participant	UWC, Manjeri	13 <sup>th</sup> and 14 <sup>th</sup> of January 2009
251		Regional	Workshop on common Courses in connection with restructuring under graduate courses	Participant	UGC Academic staff college, University of Calicut	1 <sup>st</sup> July 2009 and 2 <sup>nd</sup> July 2009
252		National	English language teaching: Issues and innovations.	Participant	PSMO College, Thiruranga di	6 <sup>th</sup> December 2008
253		Regional Seminar	Post Modern	Participant	SS College, Areacode	15 <sup>th</sup> October 2008

254	Dr. Hussain	Seminar	Medicinal Plants – Recent trends in Hydroponics cultivation	Participant	Department of Botany, P.S.M.O College, Tirurangadi.	Dec. 2010
255		Seminar	NAAC Re-accreditation: Prospects & Processes	Participant	KAHM Unity Women's College, Manjeri	Nov.2011.
256		Seminar	Innovations in Co-operative Sector	Participant	KAHM Unity Women's College, Manjeri	Sept.2012
257		Lecture	Kerala Academy of Sciences	Participant	Malabar Botanical Garden, Calicut	June2012
258	Poornima	International seminar	Literary Studies : Current Trends and Concurrent Challenges	Paper Presenter	TBAK college, Kilakarai and ELTAI	September 26 ,2012
259		International seminar	Literary Studies : Current Trends and Concurrent Challenges	Chaired	TBAK college, Kilakarai and ELTAI	September 26 ,2012
260		Regional seminar	Careers in Business and Insurance	Paper Presenter	Unity Women's College Manjeri	22 <sup>nd</sup> December 2012
261		National Seminar	Human Rights for Women	Participant	K A H M Unity Women's College, Manjeri	7and 8 th February. 2013
262		National Seminar	Representation of the Self and the Other in Literature and Film	Participant	Farook College	October 2011
263		National Seminar	Possibilities of Arabic Language in the Digital Era	Paper Presenter	Department of Arabic Govt. College Kasaragode	1 <sup>st</sup> December 2009

264	Mr. Noushad ali.PK	National Seminar	Hadhees and Science Inter National Seminar	Participant	PG and Research Department of Arabic Jamal Mohammed College , Thiruchirapalli. Tamilnadu	19 <sup>th</sup> & 20 <sup>th</sup> Feb.2013
265		National Seminar	Quran and Science National Seminar	Paper Presenter	PG and Research Department of Arabic Jamal Mohammed College , Thiruchirapalli. Tamilnadu	20 <sup>th</sup> December 2011
266		Workshop	Restructuring syllabi for PG Programming in Arabic	Participant	Govt. College Kasaragode	14 <sup>th</sup> Dec. 2011
267		National seminar	Modern Trends In Arabic Language And Literature	Paper presenter	Sullamussalam Arts And Arabic College Areacode	2 <sup>nd</sup> October 2011
268		National seminar	Features of revolutions in Arabic literature	Presenter	Govt. College Kasaragode	12 <sup>th</sup> & 13 <sup>th</sup> Dec. 2011

Organizing seminars and workshops are also given sufficient thrust as means of exposing to advanced knowledge and skills. **Department of English and Commerce has conducted one UGC sponsored National seminar each. Another National seminar sponsored by UGC on "Human rights for Women" was jointly organized by the departments of English, History, Home science and Commerce on 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> of February 2013.**

A **workshop** on "Breast cancer" was organised by the department of **Home Science, with support from Kerala State Higher Education Council (KSHEC).**

Besides class room lectures, Regional seminars on recent thrust areas in

various subjects are conducted as a move towards blended learning. The department of Chemistry organized such seminars on **“Modern Trends in Chemistry”** and **“Introductory Quantum Chemistry”**. The department of English organized a workshop on **“UG Project Management”** and a seminar on **“Career paths for English Majors”**.

*List of Seminars organized after NAAC accreditation in 2005*

SL No	Programme	Date	Organising Dept.	Sponsoring Agency
<b>2005-2006</b>				
1	Seminar		Commerce	Kudumbasree project
<b>2006-2007</b>				
2	Seminar on “Life skill Education for Women Empowerment”	21.11.2006	Home Science	College management
3	Regional Workshop on “Enhancing classroom effectiveness of teacher”	24.02.2007	IQAC	College management
<b>2007-2008</b>				
4	Seminar on “Learning Disabilities”	26.09.2007	NSS Unit	College management
5	Seminar on “Modern short stories”	31.08.2007	Languages	College management
6	Popular lecture series on “Biotechnology”	19.09.2007	Botany	DBT, Govt. of India
7	Seminar on “General outlook on MBA”	19.09.2007	Commerce	ICFAI Business school
8	Seminar on “Interior Designing and multimedia”	7.11.2007	Commerce	CAD Centre, Manjeri
9	Seminar on “New streams of Historical Enquiry”	7.11.2007	History	College management
10	“Environment awareness campaign”	3.03.2008 – 10.03.2008	Zoology	MoEF, Govt of India
11	Workshop on “Formation of college clusters & restructuring under graduate education in Kerala”	11.03.2008	IQAC	KSHEC
<b>2008-2009</b>				
12	Lecture on “Minority Politics in Secular India”	7.08.2008	College management	College management

13	National Seminar on "Identity crisis in co-operative sector"	26.11.2008 & 27.11.2008	Commerce	UGC
14	National Seminar on "Communicative approaches to teaching of literature at UG level"	13.01.2009 & 14.01.2009	English	UGC
15	"Environmental Awareness Campaign"	28.01.2009 – 6.02.2009	Zoology & Botany	MoEF, Govt. of India
<b>2009-2010</b>				
16	Seminar on "VB.Net"	19.08.2009	Computer Science	College management
17	Workshop on "Recent Advances in Bio technology for Higher Secondary School teachers of Malappuram district"	20.08.2009	Botany	SCERT, Govt. of India
18	"Personality development programme"	7.10.2009 – 9.10.2009	IQAC	Kerala State Women's Development Corporation
19	Seminar on "Effective parenting"	15.02.2010	NSS	University of Calicut
20	Workshop on "Diabetes and its treatment"	18.02.2010	Home Science	College management
21	"Personality Development programme"	8.03.2010 – 10.03.2010	IQAC	Kerala State Women's Development Corporation
<b>2010-2011</b>				
22	Seminar on "Role of Women in Local bodies"	6.8.2010	IQAC	District Library Council
23	Lecture on "Women reservation : scope & challenges"	7.8.2010	IQAC	College management
24	Seminar on "Women Empowerment"	10.11.2010	IQAC	Kerala State Women's Development Corporation
25	Seminar on "Archaeology History"	22.12.2010	History	College management
26	Class on "Legal literacy"	8.3.2011	NSS	Malappuram Legal Service Authority
27	Seminar on "Introductory quantum chemistry"	9.03.2011	Chemistry	College management

2011-2012				
28	Workshop on "Personality development"	13.10.2011	IQAC	Kerala State Women's Development Corporation
29	Seminar on "NAAC Reaccreditation prospects & processes"	30.11.2011	IQAC	College Management
30	Seminar on "Career Paths for English Majors"	21.12.2011	English	College Management
31	"Scope of entrepreneurs"	2011	Commerce	College Management
32	"Health Awareness"	2011	Physical Education	College Management
33	History & Language	2011	History	College Management
34	Basics of Capital Market	15.02.2011	Commerce	College Management
35	Regional Seminar on "Modern Trends in Chemistry"	21.12.2011	Chemistry	College Management

Expert lectures were arranged by all the departments to motivate and orient the students and staff with current trends in the field. The students and faculty refer to journals in respective subjects and periodicals to know the recent developments. Internet and INFLIBNET facilities are used by faculty and students.

Attending refresher and orientation courses in different subjects conducted by the academic staff colleges of various universities and institutions are other methods adopted by faculty members for updating their knowledge. 40% of teachers have attended refresher / orientation course in the last four years.(List provided under the key aspect, teacher quality).

Teachers are exposed to Training programmes on various subjects like IT, tissue culture etc.

#### ***Guidance services extended to students***

Sl. No.	Service	Date	Resource person	No.of student beneficiary
1	Psycho-social support	2011	Dr. Ashraf	78
2	Psycho-social support	2012	Prince, Altius camp	62

3	Psycho-social support	2009	Dr. Raghu Ram	59
4	Psycho-social support	2010	Dr. K. M. Ramesan, Clinical psychologist	64
5	Guidance	15.02.10	Dr. Anil Ramachandran, Educational Psychologist 'Young scientist' award & 'Bhatnagar prize' winner	80
6	Legal literacy	08.03.11	Adv. Beena Joseph	86
7	Psycho-social support	21.7.11	Dr.Meena,psychologist	93
8	Personal	20.8.11	CIGI, Calicut	73
9	Career Guidance	26.9.11	Dr.Vinod kumar, MES College, Mampad	80
10	Guidance	29.9.11	M.P.Nadeera Kurikkal	52
11	Personality development	15.10.11	Prof.AbdulKareem(Rtd.) PSMO College, Thirurangadi	80
12	Career Guidance	18.10.11	Col. Purushothaman M, Group commander, NCC, Calicut	106
13	Career Guidance	31.10.11	Faculty, PG Dept. of English, KAHM UWC,Manjeri	66
14	Career Guidance	4.11.11	Dr. Sajith, MEASS college, Areacode	76
15	Academic	23.11.11	Beena	78
16	Guidance	2.12.11	Z.A. Ashraf, Govt. Arts & Science College, Calicut	62
17	Academic	15.12.11	C-Dit	65
18	Professional	24.1.11	Ismail,Civil service Trainer	56
19	Guidance	2011	Adv. Sujatha Varma, Social activist	72

Psycho-social classes are offered to students during NSS special camps. Student Welfare Dean and class tutor also provide personal and psycho-social support to students.

#### ***Innovative teaching approaches***

Last few years have seen an improvement in teaching using more of visuals, power points and student - centered approaches like seminar

presentations, project works, debates, discussions, role taking, quizzes, dramatization, group discussions, and peer assessment. Peer observation is also encouraged among faculty members. Blogging offers a platform to share innovative ideas and to bring up teaching/learning related challenges and good practices employed by teachers in their classrooms.

Training sessions in ICT are arranged to encourage blended learning. To support the same, laptops and LCD projectors are provided to all the departments offering Core course. The faculty members are given full freedom in adopting their own effective approach in transacting the curriculum.

#### ***Library resource for teaching – learning***

The College has a spacious library with a good number of books, journals, periodicals and compact discs in various disciplines. Recent and authentic books are available in the Reference section of the library. Faculty members and students can borrow them as and when required. There is also provision for free Internet surfing once in a week. Recently, the institution has introduced INFLIBNET facility. A reading lounge with subscriptions of leading dailies is meant to keep the staff and students abreast of the latest social, political, academic and universal changes. Use of the library and the digital resources and books are highly encouraged by all to promote enquiry based and project based learning.

#### ***Challenges in the completion of curriculum***

The institution hardly faces any challenge from within, except during times of teacher participation in orientation and refresher programmes. Often challenges appear in the form of *hartals*, bus strikes, *bandh* etc. In the former, the participating teachers make adjustments in her teaching hours with fellow teachers within and outside department and in the latter, extra hours and working days are engaged to complete the curriculum before the commencement of university examinations.

#### ***Monitoring teaching – learning***

Teaching - learning is monitored mainly by the Heads of departments. The IQAC monitors the committed coverage of portions through the semester plan submitted by individual teachers at the beginning of each semester. It also collects feedback on all teachers, analyses and discusses with the teacher in person his strengths, weaknesses and suggests measures for improvement. The Chairman of IQAC also collects informal and personal feedback from students as part of monitoring. Internal and university level results also reflect the quality of

teaching - learning. Personal and informal feedback or suggestions from students are also taken into account towards improvement in teaching-learning.

## 2.4 Teacher Quality

*Teacher Qualification (as on 15.03.2013)*

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							<b>41</b>
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	8+1*	3	1	3	16
M.Phil.	-	-	-	-	3	2	5
PG	-	-	1	1	8	10	20
<b>Temporary teachers (Total)</b> Leave vacancy-1,FDP substitute-2 & guest faculty- 4) <b>7</b>							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	1 <sup>#</sup>	2	3
PG	-	-	-	-	1	3 <sup>#</sup>	4
Part-time teachers							<b>1</b>
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	1	-	1

\*Principal

<sup>#</sup> Guest faculty

*42% of the permanent faculty members also hold a Bachelor degree in education.*

### **Recruitment process**

Selection of the permanent faculty is done mainly on individual merit and overall score in the interview. As per the norms and conditions of university and state Government, vacancies are notified in National and regional / local

dailies keeping a time frame of a month for receipt of filled in applications. A formal interview is carried out by a board comprising of a State Government nominee, a University nominee, the Head of the institution and two representatives of the Governing body. Ranking of the candidates is done by the board and selection is done from the rank list which has a validity of one year.

B.Com. (C.A) Programme is handled by guest faculty due to the non-regularization of the programme by the State Government and hence lack of post creation. Selection of such guest faculty is done for a period of 10 months or an academic year after prior notification in local dailies. Formal interview is done by a board comprising of the Head of the institution and Head of the Department concerned. Due to non-availability of sufficient number of NET qualified or Ph.D./ M. Phil. holders, from among the applicants, postgraduates with or without professional training is recruited.

#### ***Handling emerging areas of study***

As an initial step, the institute invites experts in the field to engage classes in modern areas of study. Faculty members are deputed to attend workshops and training programmes in emerging areas like bioinformatics, IT, biotechnology etc. Seminars and workshops are also organized at regional and state level for gaining expertise in the new areas.

Five of our faculty members, viz. two from the department of Computer science, one each from the departments of English, Home science and Zoology participated in the Workshop for IT and soft skill development.

#### ***List of expert lectures arranged to handle modern areas of study***

Sl. No.	Resource person	Topic handled	Date
1	Mrs. Praseetha, MIMS Hospital, Calicut	Bioinformatics	4-11-2010
2	Dr. Raveendran, Associate Professor, University of Calicut	Nano chemistry	21.12.2011
3	Dr. Reshmi, Associate Professor, Govt. College, Pattambi	Green chemistry	21.12.2011

#### ***List of faculty deputed for seminar/workshop on emerging areas during the last three years (2009-2012)***

Sl. No.	Faculty deputed	Emerging area	Organising institution	Date
1	Mrs. Shameema	IT and soft skill enhancement	Kerala state IT mission	21.5.2012 to 26.5.2012
2	Mr. Haris U	Do	Do	Do
3	Mr. Muhammedali	Do	Do	Do

4	Mrs.N.V. Fathimatu Zuhra	Do	Do	Do
5	Dr. K. Fousi	Do	Do	Do
6	Dr. K. Azeez	Tissue culture	DBT, Govt. of India	24.11.2010 to 7.12.2010
7	Dr. P.K Babu	Additional Skill Acquisition Programme	Govt. of Kerala	17-04-2013 to 20-4-2013
8	M.K Vineetha	Do	Do	Do
9	Krishna Sundar	Do	Do	Do
10	Rahib.B	Do	Do	Do

- ❖ Besides conducting workshops and classes for the staff within, the department of Computer science extends all support and guidance in IT related subjects to staff as well as students. Such sessions help students and teachers improve their competency.

***Staff development programmes during the last four years***

a) Nomination to staff development programmes

Academic Staff Development Programmes	Number of faculty Nominated
Refresher courses	10
HRD programmes	38
Orientation programmes	11
Staff training conducted by the university	7
Staff training conducted by other institutions	6
Summer / winter schools, workshops, etc.	19

***List of faculty participated in refresher and orientation programmes during the last four years (2008-2012)***

Sl. No.	Name of the faculty	Programme attended	Period	
			From	To
1.	Mrs. Fatimathu Zuhara.N.V.	Refresher	30-11-2012	20-12-2012
2.	Mr. Sabeermon. M.	Orientation	16-5-2012	12-06-2012
3.	Mrs. Poornima. R.	"	16-5-2012	12-06-2012

4.	Mr. Abdul Rof.V.	Refresher	16-5-2012	12-06-2012
5.	Mrs. Shahinamol. A.K.	Orientation	02-3-2012	29-03-2012
6.	Mr. Rahib. B.	"	27-01-2012	23-02-2012
7.	Dr. P.Jyothi	Refresher	14-09-2011	04-10-2011
8.	Dr. Annie Ninan	"	04-08-2011	24-08-2011
9.	Mrs. Fatimathu Zuhara.N.V.	"	27-01-2011	16-02-2011
10.	Dr. P.Jyothi	Refresher	05-01-2011	25-01-2011
11.	Dr. Hussain. K.	"	14-09-2010	23-09-2010
12.	Dr. C.M. Abdul Salam	Orientation	14-09-2010	23-09-2010
13.	Dr. Hussain. K.	"	03-06-2010	30-06-2010
14.	Sri. Abdul Rof. V.	"	13-07-2010	22-07-2010
15.	Ramlath. K.T.	"	03-06-2010	30-06-2010
16.	Smt. Anitha Begum.A.S.	"	05-11-2009	25-11-2009
17.	Smt. Anitha Begum.A.S.	Refresher	02-01-2009	22-01-2009
18.	Dr. C.M. Abdul Salam	"	02-01-2009	22-01-2009
19.	Dr. K. Fousi	"	02-01-2009	22-01-2009
20.	Sri. Mammed. N.	"	07-11-2008	27-11-2008
21.	Mrs. Deepa K.	Orientation	12.08.2008	08-09-2008
22.	Dr. I. P. Abdul Razak	Refresher	01.07.2008	21-07-2008

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

- ❖ A workshop on "Enhancing classroom effectiveness of Teachers" and "Formation of College clusters and restructuring of undergraduate education in Kerala" sponsored by Kerala State Higher Education Council was organized to improve teaching learning methods/approaches on 11<sup>th</sup> March 2008.
- ❖ Handling new curriculum: When the new choice based credit and semester system was introduced in 2009, an interactive session with Dr Usman of Farook College, an expert in this field was conducted.
- ❖ Content/knowledge management : Nil
- ❖ Selection, development and use of enrichment materials :
- ❖ Assessment: A workshop on 'grading' was conducted with an expert from Kerala State Higher Education Council, Mr. Achuth Sankar at the time of introducing grading system of assessment in 2009.
- ❖ Cross cutting issues: A seminar on "Human Rights for Women" was organized in February 2013. Environment Awareness Campaigns and poster displays are conducted to create environment consciousness. As a small beginning it is practiced on issues like waste segregation at source, ban on use of flex banners and plastic carry bags, reducing use of paper, promoting

use of cloth and jute bags, conservation and afforestation programmes, rain water harvesting, waste recycling etc. Gender sensitization is carried out with the involvement of eminent personalities and through classes and poster displays in classrooms.

- ❖ Audio Visual Aids/multimedia: Training in preparation of slides in MS Power point was offered by Mrs. Divya P, temporary faculty in Computer Science, Mr. Muneer Ahmed, a software consultant and Mr. Sanooj, temporary faculty in Botany. Training in operation of LCD projector was given by Mr. Jishad, Technical Assistant in Computer Science and Mr. Haris U, Assistant professor of Computer Science.
- ❖ OER's : Nil
- ❖ Teaching learning material development, selection and use :

c) Percentage of faculty

- \* invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies : 38%
- \* participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies : 90%
- \* presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies : 14%

***Policies to recharge teachers***

Institution encourages and promotes research and publications. Nine faculty members have taken up Minor Research Projects in various subjects during the last four years. Twenty one teachers of various departments have research and academic publications. (Details furnished in criteria III).

Faculty members also keep pace with the recent trends in Research by attending conferences like Science Congress and History Congress conducted at State and National levels. Provided below is the list of faculty participation in the conferences.

Sl. No	Name & Designation of the faculty	Conference attended	Paper presenter/ Participant	Venue & Date
1	Mrs. Jaseena C, Assistant Professor of History	1. South Indian History Congress, 32 <sup>nd</sup> Annual Session	Participant	University of Madras, Chepauk, Chennai 3 <sup>rd</sup> - 5 <sup>th</sup> February 2012
		2. Research Methodology	Participant	University of Calicut 23 <sup>rd</sup> -24 <sup>th</sup> February 2010

		3. South Indian History Congress, 30 <sup>th</sup> Annual Session	Participant	Co-operative Arts and Science College, Madayi, Kannur, 6 <sup>th</sup> - 8 <sup>th</sup> February 2010
2	Dr. K. Fousi, Associate Professor of Zoology	Indian Science Congress	Participant	VSSC & University of Kerala, Kariavattom, 3 <sup>rd</sup> - 7 <sup>th</sup> January 2010
3	Mrs. Ramlath KT, Assistant Professor of Chemistry	Indian Science Congress	Participant	VSSC & University of Kerala, Kariavattom, 3 <sup>rd</sup> - 7 <sup>th</sup> January 2010
4	Mr. Ashraf KK, Assistant Professor of History (Relieved to join Govt. College)	International Conference of History	Paper Presenter	JNU, Delhi, 14 <sup>th</sup> - 17 <sup>th</sup> November 2008

#### ***Awards / recognition received by faculty***

Our NCC officer Lt. A.C. Meeradevi (A.N.O.) received the Chief Minister's award for the best NCC officer for the year 2009. Head of the department of Malayalam, Dr. P.I. Radha received "Malayalakavitha award" for the Best critical study of NN Kakkad. Dr. P. K. Babu, Head of the department of English and Dr.A.C Meeradevi Head of the department of Hindi are members of Faculty in Language & Literature, University of Calicut. Mrs. Vincetha M. K. Assistant professor of English received the 'Best Professional Coordinator' of the year award in 2011 from GEMS International Schools group, and 'Teacher of the year' award from AlKhaleej National School, Dubai in 2009 .

#### ***Evaluation of Teachers***

The IQAC regularly takes feedback on teachers from students and discusses with the concerned teacher and see that corrective measures are adopted for improvement. The Head of the institution collects the feedback on teachers from external peers visiting the institution as examiners of practical examinations. Their suggestions are passed to the faculty members for improvement of teaching.

#### **2.5 Evaluation Process and Reforms**

The evaluation processes followed by the institution is mainly based on the pattern implemented by the affiliating University. Whenever a new pattern is

introduced, the institution deputed one or two faculty members to attend workshops and similar programmes organised by the university. Training programmes on new methods of evaluation are also organised in the institution by inviting experts in the field. Faculty members are also encouraged to attend centralized valuation camps and all examiners' Board meeting for practical exams arranged by the University in the end of the semester examinations. The detailed process of evaluation is communicated to the students at the beginning of the programme and course by the concerned subject teacher and class tutor. The same is also displayed on the department notice board.

### ***Evaluation Reforms***

The University of Calicut to which the institution is affiliated has introduced the grading pattern as the method of evaluation at the degree level w.e.f 2009 academic year. It is a continuous evaluation process which includes both external and internal assessments. In the internal assessments, weighed grade points are awarded for attendance, class test, assignment, seminar, performance in the laboratory, record work, project work, etc. Cumulative grade point average (CGPA) is calculated by dividing total weighed grade points (TWGP) by the sum of weightages. The final letter grades A,B,C,D or E is then found out – viz. CGPA between 3.5 – 4.00 is A ; CGPA between 2.5 – 3.49 is B ; CGPA between 1.5 – 2.49 is C ; CGPA between 0.5 – 1.49 is D ; CGPA less than 0.5 is E. The final score and grade for each course and the programme is awarded by the University considering the internal and external CGPA for each course and respective weightages.

### ***Evaluation Process***

At the start of the academic year, the institution announces tentative dates for the internal class tests and conduct examinations in a centralised mode for each semester. It also ensures the publication of grade points and grades in the stipulated time. It is mandatory that every department has to prepare a question bank on the concerned course and duly submit to the university so as to ensure the effectiveness of the evaluation system.

At the beginning of the semester, each student is allotted a topic as assignment under each course and a tentative date for submission and presentation of seminar is given. Group and individual projects are also assigned in a similar manner specifying the time for submission of report. Proper guidance is also ensured during the project work for the effective and timely completion.

External examinations for all semesters are conducted as per the schedule of the University. Question papers and answer sheets for the same are issued by

the University for which the college shall be accountable in terms of confidentiality and the numbers issued. The college has an examination section with Principal as the Chief superintendent of examinations, a senior teacher in charge of the papers concerned as Additional superintendent, a clerk and supporting staff for the smooth running of the schedule. This wing discharges its function efficiently with the cooperation of all the faculty members.

#### ***Formative and Summative Evaluations***

As a part of the formative evaluation, internal assessment grade points and grade are given to the students based on presentation of seminar, attendance, project, assignment and written tests (objective and descriptive) as prescribed by the University. Provision for Retest is allowed for the students under genuine grounds. Conduct of two internal examinations in the centralized manner ensures the uniformity and transparency of the examination system. Attendance in class, test papers and Practical sessions are closely monitored and graded. This step has minimized the number of a large majority of married students remaining home on working days.

Summative evaluation is through examinations conducted at the end of each semester by the University in both theory and practical courses.

The announcement of dates for the seminars and assignments at the beginning of each semester helps the students to plan and prepare effectively and there by regularity and punctuality of the students are monitored. Since the topics are given in advance, the students get enough time for preparation, doubt clearance and interaction with faculty and peers, thereby promoting enquiry – based learning. Weekly Association programmes and activities are conducted by all departments where recent political, environmental and social issues are discussed. This in turn has contributed to enhancing the discussion and debating skills along with knowledge updation. Project based learning by grouping the students ensure group learning and research skill development. Presentation skills of the students are enhanced by seminar topics in each course where the teacher-in- charge monitors the communication skill, content, presentation of the topic, use of teaching aids etc. and makes necessary corrections at the end. In such a way communication and teaching ability of the students are improved in successive semesters. Peer group formation improves the interpersonal skills, IT competency, Team work and learning process as a whole.

#### ***Monitoring the Progress and Performance of Students***

Grade point and grade obtained in each course is displayed on the concerned Department notice board at the end of every semester. The result is

analysed by the individual teachers and students are hence encouraged and helped to improve. Semester-wise result analysis is done by concerned class tutor and communicated to parents.

**Programme wise Student results for last four years**

Sl. No.	Programme	Pass percentage			
		2008-'09	2009-'10	2010-'11	2011-'12
1	B.Sc.Computer science	100	74	100	96
2	B.Sc. Chemistry	97	91	92	87.5
3	B.Sc. Botany	96 <i>with I rank</i>	95 <i>with I rank</i>	92 <i>with III rank</i>	96
4	B.Sc. FCS	100	89 <i>with III rank</i>	92 <i>with I &amp; III ranks</i>	82
5	B.A. English	96	91	94	85
6	B.A. History	96	94	100	87
7	B.Com. Cooperation	76	83	76	92
8	B.Com. Computer Application	92 <i>with I,II&amp; III ranks</i>	60 <i>with I,II&amp;III ranks</i>	97 <i>with I,II,&amp;III ranks</i>	95
9	M.A. English	100	100	91	100

After every test paper, the valued answer scripts and separate score/grade cards are issued to the student for verification, corrections if any are made and the final grade and grade point is displayed on the concerned department notice board. The grade points awarded for all the parameters like assignment, seminar, test paper, performance in Laboratory, record and attendance are displayed one week prior to the finalizing of the internal grades, well before uploading the same to the University. Course-wise grade point scored by each student in the internal assessment is uploaded to the University website on time with the supervision of the concerned faculty member handling the course.

Evaluators also give due weightage to the communication skills, behavioural aspects, independent learning, research aptitude, presentation skills, observation and keenness while awarding grade points, especially to seminars, assignments and performance in Laboratory.

***Assessment as an Indicator for Performance Evaluation***

The institution and individual teachers use assessment/evaluation as an

indicator for evaluating student performance, achievement of learning objectives and planning. If a significant number of students do not achieve good performance in the respective topic, the Head of the Department monitors the faculty and give necessary suggestions for improvement.

#### ***Grievance Redressal in Evaluation***

To address the grievances with reference to evaluation at the college level, there is a Grievance redressal cell with a convener and five teachers as members. The student herself can approach the concerned teacher for anomalies in the evaluation and if not rectified can intimate the matter to the concerned Head of the Department and at a higher level to the Grievance redressal cell functioning in the college. Most cases are solved at the level of the concerned evaluator itself. At the University level, student can go for rechecking or revaluation of the answer script. The student also has an opportunity to take a retest in the same course.

### **2.6 Student performance and Learning Outcomes**

#### ***Learning Outcomes***

The college has clearly stated learning outcomes. Every syllabi has a set of objectives which is kept as the academic learning outcome. The vision and mission envisages women empowerment inculcating leadership qualities and human values which are given its due importance in the class room and extracurricular activities.

Interactive session with academicians, syllabi setters and subject experts are made for understanding the depth and importance of the syllabi to the students. Participation of teachers and students in seminars and workshops on new topics introduced into the syllabi make them aware of the new social, scientific and technological advancements.

#### ***Structure of Teaching Learning and Assessment***

The achievement of the intended learning outcomes are made through focused teaching plans, methodologies, assignments, seminars, power point presentations and group discussions. The performance of the teachers is subjected to periodic monitoring by IQAC. Publication of exam calendar at the commencement of each semester helps the students to plan and study the syllabi within the stipulated time. Centralized internal examinations make them attend the examinations with due seriousness. After publishing the first internal examination results, weaker students are identified and provisions for remedial classes during the tutorial hours are made. Peer group support is also used to motivate and improve them. Exposure for students to interact with students of other colleges are also arranged to familiarize the innovative practices existing



*Awarding the Rank holder*



*Chief ministers Best ANO award*



*C - Zone Runner's up*



*Felicitation to Rank holders*



*Best cadet at*



*V C Felicitates the Rank holders*

outside the institution and also attending seminars in nearby colleges on topics related to the newly introduced syllabi.

#### ***Enhancing Social and Economic Relevance***

Under the Career Guidance Cell, the importance and relevance of career opportunities of each subject is arranged to make the students aware of the current trends of their subject on a global basis. Alumni members in reputed posts are also invited to interact with the students for sharing their experience, motivate and make them aspirant of demanding positions. Opportunity to interact with experts from industries help the students know the scope and importance of various subjects. Classroom interactions by the concerned teachers on the practical application of the course also help in the understanding of the thrust areas. Industrial visit, study trip, practicals in various subjects oriented towards social and economic relevance and enhances their aptitude in the subject. Campus interview (Computer Science) and Additional Skill Acquisition Programme (ASAP) strengthen the self-confidence and passion about the subject.

#### ***Analysis of Student Learning Outcomes***

Result of internal exam and university results are used as indicators of the student performance and teaching methods are improved accordingly. Feedback on teachers also point to barriers in learning. Peer group formation and discussion make the slow learners to improve their study. Power point presentations, animations, software and hands on experience are used by the teachers considering the different types of learners. Interdisciplinary topics are handled by teachers of respective departments to make students understand the topics effectively and to break the monotony. For instance, the topic 'Nucleic acids' for B.Sc. Chemistry (core) students is handled by faculty of Zoology and a topic related to 'Computers' is handled by faculty of Computer Science. Interdisciplinary projects are also carried out in VI semester to widen the knowledge and to make them understand about the relevance of the subject in other fields as well. Use of internet, virtual class room and student oriented teaching methods are also carried out to make them more involved. The Class tutors monitor the slow learners to find out the exact reason of their low performance and give necessary suggestions and motivations. Occasionally, the faculties' visit the homes of such learners to find out any socio-economic reasons that exist for their poor turn up and make necessary corrections. If needed, counselors are made available to them. The Class tutors keep track of the performance of each student and communicate to the Head of the dept. and give necessary help and motivation to ensure the achievement of desired learning outcome.

### ***Graduate attributes specified by the college***

The college attempts to build 21<sup>st</sup> century career skills among the graduate in a number of ways. The mode of delivery of curriculum is managed in such a way that the would be graduate are made to develop these skills.

Self reliance in academic and personal matters is the graduate attribute specified by the college. Decision making, leadership skill, social and personal initiation through participation in National Service Scheme, National Cadet Corps, Personality development programmes, Office bearership in college union etc. Democratic value is promoted in the Election of office bearers to College union, selection of secretary to National Service Scheme etc.

A full-fledged NCC unit offers opportunity for personality development as well as creating flag bearers of civilian responsibility. NSS unit renders chances to serve the society, developing a sense of community and commitment which are valued as quality attributes by the institution. Soft skill development is attained through the IT Skill development programmes, NCC and NSS camps.

### ***Other Relevant information regarding Teaching-Learning and Evaluation***

Being a college of the backward area dealing with various minorities, the college plays a pivotal role in imparting the desired knowledge and skills by making the best use of the available resources and man power. The institution takes great responsibility to ensure that the students get through the course, assessments and other formalities on time by communicating all the relevant information. Free access to the departments and office given to the students is also a learning experience preparing them for an independent life in a huge democracy like India.

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

### **3.1 Promotion of research**

Though our institution is not a recognized Research Centre, a number of teachers possess research degrees and are actively involved in research, managing research Projects, guiding students etc. The University of Calicut grants Research centre privilege to only those colleges offering postgraduate programme in the subject. Currently the institution runs only one postgraduate programme, regularized in the year 2009.

### ***Research committee***

The college has a research committee with Principal as chairman and all Heads of Departments as members. The committee monitors all the research related programmes of the college and is constantly encouraging and giving proper motivation to the faculty members for their active involvement in Research. Currently there are four ongoing Minor Research Projects. As per the recommendation of this committee a "Research wall" is maintained in the college where the newly published Papers and other articles by faculty members and students are maintained for creating research awareness and the importance of valid publication among teachers and students. By the effort of this committee four of our teachers are recognized guides at various approved Research Centres.

### ***Implementation of Research Projects***

The college always takes appropriate steps to improve the research activities of the faculty members by providing necessary facilities in the college. The institution is also keen in deputing teachers to participate in research related seminars and other programmes which is very well evident from the fact that more than 50% of the teachers are having Ph.D./M.Phil/both.

The following are the measures taken by the institution to facilitate smooth progress and implementation of research projects.

- The Principal Investigators get full autonomy in undertaking their Projects.
- The institution releases adequate resources on time.
- The college is equipped with necessary infrastructure facilities for research including free high speed internet facility in all Departments, Network Resource Centre of library, INFLIBNET facility in library with around 50,000 books and nearly 3000 e-journals and well equipped science laboratories.
- The college is providing time-off facility to teachers involved in research without affecting their teaching work load.
- Enough support from the technology like high speed internet facility in all departments, Network Resource Centre in library, INFLIBNET facility in library etc.
- The college is highly supportive in sending the audit report and utilization certificate to the funding agency on time.

### ***Research culture and aptitude among students***

The college is taking proper steps to develop scientific temper and research culture among students also. By giving and properly monitoring the project work of students the college is trying to equip our students with the modern research methodology. Moreover in recently introduced CCSS curriculum inclusion of research methodology in some of the subjects helps in the development of research culture among students. The students are also properly utilizing the Network Resource Centre and INFLIBNET facility in library.

**Faculty involvement in active research**

Most of the teachers are actively engaged in research including guiding students, managing research projects etc.

**A. Faculty members with Guideship**

Sl. No.	Name & Designation of Faculty	Affiliated Research Centre	No. of Students registered for Ph.D/ M.Phil
1.	Dr. C. Saidalavi, <i>Principal</i>	PG Department of Arabic, Farook College, Calicut	Nil
2.	Dr. P.I. Radha, <i>Associate Professor &amp; Head of Malayalam</i>	Bharathiar University, Coimbatore- Tamil Nadu	3
3.	Dr. Muhammed Basheer Ummathur, <i>Associate Professor &amp; Head of Chemistry</i>	PG Department of Chemistry, Farook College, Calicut	1(as co-guide)
4.	Dr. Azeez. K, <i>Associate Professor &amp; Head of Botany</i>	Bharathiar University, Coimbatore- Tamil Nadu	1

**B. Faculty members with ongoing Research Projects**

Sl. No	Name & Designation of Teacher	Title of the work	Funding Agency
1.	Dr. P.K. Babu <i>Associate Professor &amp; Head of English</i>	Remapping idioms: Exploring the use of English in selected Malayalam fiction of V.K.N	UGC

2.	Dr. V.P. Abdul Nazar <i>Associate Professor of Commerce</i>	Critical Evaluation of Social Security Schemes in Kerala	UGC
3.	Dr.Muhammed Basheer U <i>Associate Professor &amp; Head of Chemistry</i>	Schiff Bases of Synthetic Curcuminoids and their Metal Complexes	UGC
4.	Dr. C.M. Abdul Salam, <i>Associate Professor of Botany</i>	Induction of Genetic Variability through Chemical Mutagenesis and invitro techniques in <i>Capsicum annuum</i>	UGC

C. Faculty members with completed Research Projects

Sl. No	Name & Designation of Teacher	Title of the work	Funding Agency
1	Dr. C. Abdul Majeed <i>Associate Professor &amp; Head of Commerce</i>	Value Added Tax- a retrospective Study	UGC
2	Dr. K. Fousi <i>Associate Professor of Zoology</i>	Systematic studies and Biodiversity Assessment of the superfamily Chalcidoidea (Hymenoptera: Apocrita: Parasitica) of Malappuram Dt	UGC
3	Dr. Muhammed Basheer.U <i>Associate Professor &amp; Head of Chemistry</i>	Metal Complexes of Azo Dyes of Synthetic Curcuminoids	UGC
4	Dr. I. P. Abdul Razak <i>Associate Professor &amp; Head of Zoology</i>	Distribution study of fig pollinating wasps (Agaonidae: Hymenoptera) of Malappuram and Kozhikode districts.	UGC
5	Dr. A. C. Meeradevi <i>Associate Professor &amp; Head of Hindi</i>	A comparative study of Hindi-Malayalam drama After 1960	UGC
6	Dr. Abdul Salam <i>Associate Professor of Botany</i>	Studies on chemical mutagenesis in <i>Capsicum annuum</i> .L	UGC

7	Dr. V. P. Abdul Nazar <i>Associate Professor of Commerce</i>	Impact of Kerala Building and Other construction Workers' Welfare fund Board on the Construction Workers in Kerala	UGC
8	Dr. P. K. Babu <i>Associate Professor &amp; Head of English</i>	CoPs: Towards A PD Paradigm for College Teachers	UGC
9	Mr. N. Mammed <i>Assistant Professor of English</i>	GAZE: A short film on the male gaze in the practice of gentleman calling	UGC
10	Dr. K. Azeez, <i>Associate Professor &amp; Head of Botany</i>	Taxonomy, morphology... <i>Asplenium</i> L. of S.India	UGC

***Training programmes organized by the college for the development of Research culture***

Teachers are often deputed to attend training programmes in research conducted by institutes of national importance. Dr. K. Azeez, Head of the Department of Botany was deputed to attend training in tissue culture from Coimbatore under the Department of Biotechnology, Govt. of India. As and when a faculty member is awarded a research degree, the staff club of the college arranges a felicitation cum experience sharing to motivate and sensitize the fellow members. A similar programme is also arranged by the concerned subject department where the students are familiarized with the techniques adopted and hurdles faced during research. The students also get a chance to get trained in their projects. Project guidance given to students help them develop research aptitude. The department of English organized workshop on 'Managing UG Research Projects'. Students visit the renowned Research institutions of national importance during their study trips. They get the opportunity to acquaint themselves with the processes, programmes and experts in the field.

To list a few, the students of final and IV semester B.Sc. FCS visited Central Food Technological Research Institute Mysore (CFTRI), National Institute of Nutrition Hyderabad(NIM), Textile mill – Pochampally Hyderabad, and Silk factory Mysore. B.A. History students visited the Jawaharlal Nehru University (JNU) New Delhi, students of B.Com. visited IIM Calicut, Osmaniya University Hyderabad and B.Sc. Chemistry students visited the Steel Complex Calicut.

***Prioritized research areas and the expertise available with the institution***

The details of prioritized research areas of the faculty members are given below:

Sl. No.	Name & Designation of Faculty	Area of Research	Expertise Available
1.	Dr.Muhammed Basheer Ummathur, Associate Professor & Head of Chemistry	Inorganic Chemistry	Coordination Chemistry
2.	Dr. Azeez. K, Associate Professor & Head of Botany	Pteridology, Angiosperm Taxonomy and Tissue Culture	Angiosperm Taxonomy and tissue culture
3.	Dr. I.P. Abdul Razak, Associate Professor & Head of Zoology	Entomology	Insect Ecology
4.	Dr. C.M. Abdul Salam, Associate Professor of Botany	Mutation Breeding	Mutation Breeding
5.	Dr. K. Fousi, Associate Professor of Zoology	Applied Entomology	Insect Systematics
6.	Dr. Hussain Koorimannil, Assistant Professor of Botany	Eco Physiology	Eco physiology
7.	Dr. C. Abdul Majeed, Associate Professor & Head of Commerce	Taxation	Taxation
8.	Dr. V.P. Abdul Nasar, Associate Professor of Commerce	Labour Welfare	Labour Welfare
9.	Dr. P.K. Babu Associate Professor & Head of English	ELT, Linguistics & American Fiction	English Communication, American fiction
10.	Dr. P.I. Radha, Associate Professor & Head of Malayalam	Modern Malayalam Poetry	Imagery in Modern Malayalam Poetry

11.	Dr. Annie Ninan Assistant Professor of Home Science	Food science & Nutrition	Food science & Nutrition
12.	Dr. A.C. Meeradevi Associate Professor & Head of Hindi	Hindi Drama	Hindi Drama
13.	Dr. P. Jyothi Assistant Professor of Chemistry	Organic chemistry	Chemistry of Natural products
14.	Dr. P.Zakir Ahamed Associate Professor & Head of Physical Education	Sports Psychology Training methods	Sports Psychology
15.	Dr. C. Saidalavi Principal	Fiction in Modern Arabic Literature	Modern Arabic Fiction
16.	Dr. Rajani Assistant Professor of English	Library Science	Library science

***Efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students***

List of eminent Researchers who visited the campus in the last four years.

Sl. No.	Name and Designation of the Researcher	Purpose of visit	Department involved
1.	Dr. Ahammed Bavappa, Former Director, Central Plantation Crops Research Centre (CPCRI) and FAO Consultant.	For the inauguration of "Popular Lectures in Biotechnology by Experts" sponsored by DBT, Govt. of India	Botany
2.	Prof.(Dr.)P.V.Madhusoodanan Emeritus Scientist, Malabar Botanical Garden, Calicut	Delivering a talk on Biodiversity and Conservation of Lower Groups with special reference to Western Ghats of Kerala.	Botany
3.	Dr. H.S.A. Yahya Special officer, Aligarh Muslim University, Malappuram Campus	Delivering a talk on Bio - diversity	Botany
4.	Dr. P.S. Easa Division of Wild Life Biology, Kerala Forest Research Institute (KFRI)	Delivering a talk on Wild Life Biology	Botany

5.	Dr. Nirmal Babu Principal Scientist, National Research Centre for Spices (NRCS), Calicut	Presentation of a paper on “ <i>Transgenic Crops</i> ” – in Popular Lectures in Biotechnology by Experts”	Botany
6.	Dr. P.R. Manish Kumar Head, Department of Biotechnology, University of Calicut	Presentation of a paper on “ <i>Genetic Engineering-Basic Principles and Applications</i> ” – in Popular Lectures in Biotechnology by Experts”	Botany
7.	T.D. Ramakrishnan Well known Novelist	Association Inauguration Seminar on Post Modernism and Malayalam Novel	English
8.	Dr. M.V. Narayanan Head, Department of English, University of Calicut	To deliver Key note address of the seminar on ‘Communicative Approaches to the Teaching of Literature at U.G level’	English
9.	Mr. Veerankutty Wellknown Malayalam Poet	Association Inauguration Seminar on ‘Post Modernism and Malayalam Poetry’	English
10.	Mr. V.R. Sudheesh, a reputed Novelist and Short story Writer	To deliver a talk on Nostalgic elements in Malayalam writings	English
11.	Alankode Leela Krishnan, a famous Malayalam Poet	Association Inauguration Seminar on ‘Contemporary Malayalam Poetry’	English
12.	Dr. P. Geetha A women activist	Association Inauguration Seminar on ‘Feministic Elements in Malayalam Cinema’	English
13.	Dr. R. Viswanathan (Late) Former Head, Dept. of English University of Calicut	To deliver a talk on ‘Introduction to Literary Theory’	English
14.	Dr. K.K. Kunhammad Dept. of English University of Sharjah	To deliver a talk on ‘Soft Skills’	English
15.	Dr. V.C. Venkideswaran A film critic and National award winner	Association Inauguration ‘Panel Discussion on New Malayalam Cinema’	English

16.	Mr. G.P. Ramachandran Author, National&State award winner	Association Inauguration Seminar 'Panel Discussion on New Malayalam Cinema'	English
17.	Mr. P. Surendran A Writer activist	Interaction with the writer	English
18.	Dr. Nagesh Associate Professor of English St. Joseph's College, Calicut	Association Inauguration Seminar on Postcolonial Literature'	English
19.	Dr. Saleel Varma Associate Professor of English St. Joseph's College, Calicut	Association Inauguration Seminar Panel discussion on 'Postmodernism'	English
20.	Dr. P. Raveendran Associate Professor in Chemistry, University of Calicut	To deliver a talk on Green Chemistry	Chemistry
21.	Dr. A.I. Yahya Professor, University of Nizwa, Oman	Association inauguration seminar on Application of conducting polymers in the designing of artificial muscles	Chemistry
22.	Dr. Sivadasan M Associate Professor of History University of Calicut	For presenting a paper on "Monuments of Politics"	History
23.	Prof. K.K. Muhammed Visiting Professor of Centre for Islamic Chair and Research, University of Calicut	For presenting a paper on "The relationship between people and State"	History
24.	Mr. Rajeevan Kunnath PhD Scholar JNU New Delhi.	For presenting a paper on "Impact of Gulf in Malabar"	History
25.	Dr. K.K. Muhammed Dy. Supdt. of Archaeological Survey of India (ASI) Delhi	For presenting a paper on "Archaeology and History"	History
26.	Dr. M.R. Raghava Varrior HoD(former) History, University of Calicut	For presenting a paper	History
27.	Dr. K.P. Muralreedharan Professor, Dept. of Commerce and Management Studies, University of Calicut	For the valedictory address of National Seminar on "Identity Crisis in Cooperatives"	Commerce
28.	Dr. P. Mohanan Professor, Dept. of Commerce and Management Studies, University of Calicut	For inauguration of Commerce Association Seminar	Commerce

29.	Mr. S. Dharmarajan Faculty Member Institute of Management Studies, Kannur	For presenting a paper in the National Seminar on "Identity Crisis in Cooperatives"	Commerce
30.	Dr. Ravichandran Reader in Co-Operation, Gandhigram Rural University, Tamil Nadu	For presenting a paper in the National Seminar on "Identity Crisis in Cooperatives"	Commerce
31.	Dr. P.K. Velayudhan Additional Director of Collegiate Education, Thiruvananthapuram	To chair a technical Session in the National Seminar on "Identity Crisis in Cooperatives"	Commerce
32.	Dr. E. Vinaykumar Associate Professor and HOD Dept. of Co-Operative Management, Kerala Agricultural University	For presenting a paper in the National Seminar on "Identity Crisis in Cooperatives"	Commerce
33.	Dr. K.M. George Associate Professor Dept. of Rural Banking and Finance, Kerala Agricultural University	For presenting a paper in the National Seminar on "Identity Crisis in Cooperatives"	Commerce
34.	Prof. Lakshmi Former Vice Chancellor, Mother Theresa University, Kodaikanal	Lifeskill Education for Women Empowerment	Home Science
35.	Dr. Paul Augustin Regional Cancer Centre, Thiruvananthapuram	For the inauguration of National Seminar on Breast Cancer	Home Science
36.	Dr. Leena Varghese Chief Dietitian, KIMS Hospital Ernakulam	For presenting a paper in the National Seminar on Breast Cancer	Home Science
37.	Dr. Lajish V. L Head, Department of Computer Science, University of Calicut	For the inauguration of Computer Science Association	Computer Science
38.	Dr. Muhammed Jafer Palot Scientist, Zoological Survey of India (ZSI), Western Ghats Regional Centre, Calicut	Environmental Awareness Campaign	Zoology
39.	Dr. T.V. Sajeev Scientist, Kerala Forest Research Institute (KFRI), Nilambur	Environmental Awareness Campaign	Zoology
40.	Dr. M. Nasser Associate Professor, University of Calicut	Environmental Awareness Campaign	Zoology

41.	Mr. James Mathew Assistant Commissioner of Forests, Malappuram	Environment Awareness Campaign	Zoology
42.	Dr. Indira DMO Malappuram	H <sub>1</sub> N <sub>1</sub> Awareness Campaign	Zoology

About 29% of the faculty members of the institution have utilized FDP for the completion of their research activities. Four teachers completed their Ph.D. as part time scholars.

***Creating awareness/advocating/transfer of relative findings of research to students and community (lab to land)***

The college is always keen in providing the results of related research works conducted by the faculty members to the benefit of the society. The research topic of Dr. Annie Ninan, Assistant Professor of Home Science is directly linked with the society. Dr. Annie conducted an extensive survey on the nutritional status and the impact of nutritional intervention on pregnant adolescents in three blocks of Malappuram District, Kerala. It helped improve the community awareness regarding the adverse consequences of early teenage conception. The study also provided an in-depth awareness to the community on the need of providing adequate nutrition and health care to the pregnant adolescents. The college is extending the service of Dr. Annie Ninan for engaging awareness classes to the students and parents of other institutions and many other programmes conducted by various agencies.

### **3.2 Resource mobilization for research**

***Percentage of the total budget earmarked for research and details of major heads of expenditure, financial allocation and actual utilization.***

The Institution spends a good amount for the development of research in the form of purchase of books, standard research journals, free internet facility and free INFLIBNET facilities in library and upgradation of Laboratories.

There is no provision in the institution to provide seed money to the faculty for research.

***Financial support for student research projects***

Individual departments provide financial support to economically weaker students for the completion of their research projects.

### ***Inter-disciplinary research***

The departments maintain an interdisciplinary approach in all research related activities for easy completion of the work. The Department of Botany regularly utilizes the facilities of Department of Zoology especially for the identification of Plant pests and other diseases on plants caused by insect pests.

### ***Optimal use of research facilities***

All staff members and students are permitted to use all equipments maintained in the laboratories as and when required with the prior permission of the staff in charge of the same.

No special grants or finances are received so far from the industry or other beneficiary agency for developing research facility except from UGC in the form of individual Minor Research Projects.

### ***Research Cell***

The Research Cell of the college takes keen interest in intimating the teachers about the call of Projects by various funding agencies, giving necessary guidance in preparing project proposals and forwarding them on time. The college is also very much supportive in providing the timely help for auditing and submission of utilization certificate.

### ***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	Funding agency	Total Grant		Total grant received till date
				Sanctioned (Rs.)	Received (Rs.)	
Minor Project	2012-2014 (Ongoing)	Remapping idioms: Exploring the use of English in selected Malayalam fiction of V.K.N	UGC	1,20,000	1,00,000	1,00,000

Minor Project	2012-2014 (Ongoing)	Critical Evaluation of Social Security Schemes in Kerala	UGC	87,000	68,500	68,500
Minor Project	2012-2014 (Ongoing)	Induction of Genetic Variability through Chemical Mutagenesis and invitro techniques in <i>Capsicum annum</i>	UGC	2,00,000	1,73,000	1,73,000
Minor Project	2011-2013	Schiff Bases of Synthetic Curcuminoids and their Metal Complexes	UGC	1,50,000	1,41,000	1,41,000
Minor Project	2009-2011	Value Added Tax-a retrospective Study	UGC	55,000	38,000	38,000
Minor Project	2009-2011	Systematic studies and Biodiversity Assessment of the superfamily Chalcidoidea (Hymenoptera: Apocrita: Parasitica) of Malappuram Dt.	UGC	1,55,000	1,51,000	1,51,000
Minor Project	2007-2009	Metal Complexes of Azo Dyes of Synthetic Curcuminoids	UGC	90,000	90,000	90,000
Minor Project	2007-2009	Distribution study of fig pollinating wasps (Agaonidae: Hymenoptera) of Malappuram and Kozhikode districts.	UGC	59,000	59,000	59,000

Minor Project	2007-2009	A comparative study of Hindi-Malayalam drama After 1960	UGC	54,000	54,000	54,000
Minor Project	2007-2009	Studies on chemical mutagenesis in <i>Capsicum annuum</i> .L	UGC	52,000	52,000	52,000
Minor Project	2007-2009	Impact of Kerala Building and Other construction Workers' Welfare fund Board on the Construction Workers in Kerala	UGC	62,000	62,000	62,000
Minor Project	2006-2008	CoPs: Towards a PD Paradigm for College Teachers	UGC	32,000	32,000	32,000
Minor Project	2006-2008	GAZE: A short film on the male gaze in the practice of gentleman calling	UGC	35,000	35,000	35,000
Major Projects	-	-	-	-	-	-
Inter disciplinary Projects	-	-	-	-	-	-
Industry Sponsored	-	-	-	-	-	-
Student Research Projects	-	-	-	-	-	-

### 3.3 Infrastructure for research

#### *Research facilities available to the students and research scholars*

The campus library has a collection of 16,143 books, 68 journals and periodicals, INFLIBNET with nearly 50,000 books and about 2,000 e-journals, Network Resource Centre and laboratories with the following research facilities.

Sl. No.	Department	Research facility available	
		Facility Created from Research Projects	Facility Provided by the College
1	Zoology	Binocular Stereo Zoom Microscope with camera Lucida Binocular Stereo Zoom Microscope Insect cabinet Laptop computer Digital camera Binocular etc.	Monocular Research Microscopes, Binocular Research Microscopes Refrigerator
2	Botany	Binocular Stereo Microscopes Binocular Research Microscopes Laptop Computer Digital MIPS, etc.	Monocular Research Microscopes, Binocular Research Microscopes, Net house, Tissue Culture lab, Laminar Air Flow, pH meter, Microtome, Electronic balance, Refrigerator
3	Chemistry	Magnetic stirrer Conductometer pH meter Potentiometer Chromatographic column Electrical Bunsen Burner Chemical Balance	Magnetic stirrer, Heating mantle, Hot air oven, Suction Pump, Muffle furnace, Conductometer, pH meter, Electronic balance, Potentiometer, Flame photometer, Spectrophotometer, Double distillation unit, Refrigerator, Glass ware etc.

***Institutional strategies for planning, upgrading and creating infrastructural facilities to meet the need of researchers***

The institution has budgetary allocation for each year to upgrade and develop laboratory facilities. The institution has not received any special grants or finances from the industry or other beneficiary agency. However, the institution generates funds from agencies like UGC in the form of individual Research Projects

***The research facilities available to the students and research scholars outside the campus/ other research laboratories***

The teachers, research scholars and students mainly utilize the facilities available at the University Departments for carrying out research. Currently there are only five research scholars. They also make use of the library and laboratories of the nearest research stations like National Research Centre for Spices (NRCS) Calicut; Centre for Water Resources Development and Management (CWRDM) Calicut; Zoological Survey of India, Calicut; Kerala Agricultural University Regional Centre, Anakkayam, Malappuram etc.

***Library/ information resource centre for research***

The library has separate space meant for research with standard research journals and books. It is registered with the INFLIBNET with nearly 50,000 books and around 2,000 e-journals and The Network Resource Centre are very much useful to the researchers. This facility is enjoyed by all students and teachers of the Institution.

At present there is no recognized research Institute in the College and no collaborative research facility. However, all staff members and students are permitted to use all equipments maintained in the laboratories as and when required with the prior permission of the staff in charge of the same.

**3.4 Research Publications and Award**

***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 benefitting the community or improving the services:*

The research topic of Dr. Annie Ninan, Assistant Professor of Home Science is directly linked with the society. She conducted an extensive survey on the nutritional status and the impact of nutritional intervention on pregnant

adolescents in three blocks of Malappuram District, Kerala. It helped to improve the community awareness regarding the adverse consequences of early teenage conception. The need of providing adequate nutrition and health care to this high risk group has been stressed through her studies.

• **Research inputs contributing to new initiatives and social development:**

The study made by Dr. Annie may in the long run reduce the number of adolescent pregnancy. Better nutrition for pregnant woman will also be taken care of.

**Publication of research journal**

The college has a plan to bring out a research journal in the coming year to publish the papers and articles of its faculty members and students.

**Publication per faculty**

Publications of faculty members are given below separately as Research papers, Published books, Abstracts/proceedings and articles in magazines and Newspapers. The list includes only publications made after the NAAC Accreditation in 2005.

**A. Research Papers**

Sl. No.	Name of Faculty	Title of Research Paper	Name of Journal	Volume No. & Year
(i)	(ii)	(iii)	(iv)	(v)
1	Dr. Muhammed Basheer Ummathur	Synthesis and Characterization of Two Conjugated $\beta$ -Diketones and Their Metal Complexes	Archives of Applied Science Research	5(1), 2013, 247-250
2		1,5-Bis(N-phenylamino)-9-(2-pyridyl)-4,8-nonadiene-1,3,7-trione and its Metal Complexes	Chemical Science Transactions	2(2), 2013, 628-634
3		Dioxouranium(VI) complexes of some unsaturated $\beta$ -diketones	International Journal of ChemTech Research IF:0.40	5(1), 2013, 1-5
4		Clustering Based Feature Selection and Outlier Analysis	International Journal of Computer Science & Communication Networks	2(6), 2012, 647-652
		Synthesis and spectral characterization of nickel(II),	Journal of the Iranian	5(1), 2012,

5	copper(II) and zinc(II) complexes derived from naphthylidihydrazones of some 1,3-dicarbonyl compounds	Chemical Research	23-29
6	Synthesis and characterization of two unsaturated tetraketones and their metal complexes	Inorganic Chemistry - An Indian Journal	7 (5), 2012, 199-203
7	Schiff Bases of Terephthalaldehyde with 2-aminophenol and 2-aminothiophenol and Their Metal Complexes	Archives of Applied Science Research	4 (5), 2012, 2223-2227
8	Synthesis and characterization of 3-(2-hydroxy-1-naphthylhydrazinylidene)pentane-2,4-dione and its metal chelates	Inorganic Chemistry - An Indian Journal	6(2), 2011, 104-107
9	La(III) complexes of some 1,7-diaryl-1,6-heptadiene-3,5-diones	Inorganic Chemistry - An Indian Journal	6(2), 2011, 99-103
10	Metal Complexes of Unsaturated Polycarbonyl compounds Derived from Benzoyl acetone and Aromatic Aldehydes	Journal of Iranian Chemical Research	3, 2010, 71-81
11	2-(2-Hydroxy)phenylazo derivatives of some 1,3-dicarbonyl compounds and their metal complexes	Journal of the Indian Chemical Society IF: 0.382	87(6), 2010, 667-672.
12	Benzothiazolylazo derivatives of some $\beta$ -dicarbonyl compounds and their metal complexes	Journal of the Serbian Chemical Society IF:0.879	75 (5), 2010, 639-648.
13	Schiff Bases of 3-[2-(1,3-benzothiazol-2-yl)hydrazinylidene]pentane-2,4-dione with Aliphatic Diamines and Their Metal Complexes	Journal of the Argentine Chemical Society IF:0.171	97(2), 2009, 31-39.
14	Arylazo derivatives of some fluorinated $\beta$ -diketones and their metal complexes	Journal of Iranian Chemical Research	2, 2009, 111-119
15	1-Naphthylazo derivatives of some 1,3-dicarbonyl compounds and their metal complexes	Journal of the Serbian Chemical Society IF: 0.879	74(11), 2009, 1273-1282

16	Naphthylazo and Benzothiazolylazo Derivatives of some Unsaturated $\beta$ -Diketones and their Metal Complexes	Polish Journal of Chemistry IF: 0.393	83, 2009, 1717- 1728
17	Metal complexes of conjugated diketoanilides derived from acetoacetanilide and aromatic aldehydes	Egyptian Journal of Chemistry	52(1), 2009, 47- 59
18	3-(2-Pyridylazo)-2,4-pentanedione and its Metal Chelates	Inorganic Chemistry - An Indian Journal	4(2), 2009, 83- 87
19	Some unsaturated 1,3-diketones and their metal chelates	Inorganic Chemistry - An Indian Journal	4(2), 2009, 78-82
20	Schiff bases of 3-(2-thiazolylazo)-2,4-pentanedione with phenylenediamines and their metal complexes	Journal of the Indian Chemical Society IF: 0.382	86(4), 2009, 325-330
21	Metal complexes of unsaturated $\beta$ -ketoesters	Journal of the Serbian Chemical Society IF:0.879	74(3), 2009, 259-267
22	Metal complexes of Schiff bases derived from dicinnamoylmethane and aromatic amines	Journal of the Argentine Chemical Society IF:0.171	96(1-2), 2008, 13-21
23	Synthesis and characterization of some conjugated ketoanilides and their metal complexes	Russian Journal of Coordination chemistry IF:0.547	34(7), 2008, 502-510
24	9-Aryl-1,5-bis(N-phenylamino)-4,8-nonadiene-1,3,7-triones and their metal complexes	Polish Journal of Chemistry IF: 0.393	82(5), 2008, 963-971
25	Metal Complexes of Schiff bases derived from dicinnamoylmethane and aliphatic diamines	Journal of the Serbian Chemical Society IF:0.879	73(4) 2008, 423-429
26	Cinnamoylacetanilides and their Metal Chelates	Chinese Journal of Chemistry IF:0.755	26(3), 2008, 453-458
	Schiff bases of 3-(2-thiazolylazo)-	Journal of the Indian	85(1), 2008,

27		2,4-pentanedione with aliphatic diamines and their metal complexes	Chemical Society IF: 0.382	48-52
28		Metal complexes of Schiff's bases derived from 3-aryazo-2,4-pentanediones with 2-aminophenol and 2-aminothiophenol	Journal of the Serbian Chemical Society IF:0.879	72(11), 2007, 1075-1084
29		Unsaturated polycarbonyl compounds and their metal complexes	Journal of the Iranian Chemical Society IF:1.689	4(2), 2007, 244-255
30		Phenylazo derivatives of some unsaturated $\beta$ -diketones and their metal complexes	Journal of the Indian Chemical Society IF: 0.382	84(6), 2007, 518-523
31		Thiazolylazo derivatives of some unsaturated $\beta$ -diketones and their metal complexes	Journal of the Indian Chemical Society IF: 0.382	84(4), 2007, 337-340
32		Metal complexes of unsaturated $\beta$ -ketoanilides	Journal of the Indian Chemical Society IF: 0.382	83(9), 2006, 883-887
33		Metal complexes of 1-phenylamino-7-phenyl-4,6-heptadiene-1,3-dione and its Schiff's base	Journal of the Indian Chemical Society IF: 0.382	83(7), 2006, 663-667
34		Metal complexes of unsaturated diketoanilides	Journal of the Indian Chemical Society IF: 0.382	83(7), 2006, 639-644
35	Dr. I.P. Abdul Razak	Influence of light on pollination behavior of agaonid wasps	Proceedings of National seminar sponsored by UGC & DST	36(2011)
36		Fig- A Keystone resource in Western Ghats	Proceedings of National Seminar sponsored by UGC	47-50(2010)
37		Olfactory attraction of fig pollinating wasps to their respective figs	Scientia	36(1): 50-52 (2010)
38		Parasitic interaction between non-pollinating and pollinating fig wasps of Ficus	Geobios	36(2-3)197-199(2009)

39		Influence of fig size on pollination behaviour of fig wasps (Agaonidae : Hymenoptera)	Uttar Pradesh Journal of Zoology.	27(2) : 219-222, (2007)
40		Analytical study on female flower traits of fig syconia (Moraceae).	Geobios	34 (1):3-4, (2007)
41		Re-emergence of pollinating wasps (Agaonidae : Hymenoptera) after natural pollination of figs.	Zoos' print	22(1):2543-2544,(2007)
42		Sex ratio strategy in pollinating fig wasps (Hymenoptera : Agaonidae).	Geobios	33(4):307-09,(2006)
43	Dr. Hussain K	Bacopa monnieri(L.) Pennell – A plant tool for detecting heavy metal contamination in some nutraceutical products	Global Journal of Traditional Medicinal Systems.	2012, Sept. 1(1): 1-6
44		Heavy metal accumulation potential and medicinal property of Bacopa monnieri- a paradox.	Journal of Stress Physiology and Biochemistry, Russia,	2011, 7; 39-50, ISSN 1997-0838
45		Bacopa monnieri-A Good biomarker of waterpollution/contamination	Journal of Stress Physiology and Biochemistry, Russia	2010,6; 91-101. ISSN 1997-0838
46		Bioaccumulation Pattern of Mercury in Bacopa monnieri (L.) Pennell	Journal of Stress Physiology and Biochemistry, Russia,	2012, 8; 10-21, ISSN 1997-0838
47		Bacopa monnieri- A pollutant detector of mineral water and soft drinks	International Journal of Ecology and Development	2011, 19; 86 94. ISSN 1997-0838
48		Bioaccumulation and Release of Mercury in Vigna mungo (L.) Hepper Seedlings”	Journal of Stress Physiology and Biochemistry, Russia	2010, 6; 56-64. ISSN 1997-0838
49		'Bio-Accumulation of Heavy Metals in Bacopa monnieri (L.) Pennell Growing Under Different Habitat'	International Journal of Ecology and Development	2010, 15; 67-73.ISSN 0972-9984
		Bioaccumulation and Effect of Lead, Chromium and Cadmium	International Journal of	2009

50		onPeroxidase Activity in Bittergourd (Momordica charantia L. Walp) cv. Priya	Plant Sciences,	4; 239-244. ISSN: 0973-1547
51		Scope of Eulophid parasitoids in biocontrol	Proceedings of National seminar sponsored by UGC & DST	36(2011)
52	Dr. K. Fousi	Olfactory attraction of fig pollinating wasps to their respective figs	Scientia	36(1): 50-52 (2010)
53		Parasitic interaction between non-pollinating and pollinating fig wasps of Ficus	Geobios IF:0.3	36(2-3)197-199(2009)
54		A taxonomic study of Anaprostocetus Graham (Hymenoptera :Eulophidae)	Oriental Insects	39:273-280(2005)
55	Dr. C. M Abdul Salam	Mutagen induced cytological aberrations in Capsicum annuum. L	J. of phytology	2(2),2010
56		Isolation of induced morphological mutants in Capsicum annuum. L	International J. of Recent Scientific Research.	2, 2010
57	Dr.C.Saidalavi	Mustafa Lutfil al Manfaluti and his contribution to Arabic Fiction	Al Salah	8, 1429/2007
58		Prasad ki Rangadrishty Ek Alochanathmak Moolyankan	Kerala Bharathi	7 & 8 July – Aug – 2011
59		Aadhi Raath Ke Baad Mem Rangashilp ek Aaloochanathmak Adhyayan	Sangradhan	2007
60	Dr. Meeradevi A.C.	Dr. Kusumkumar Aur Sree Sathish K Sathish Ke Natakomei Naripathre ek Thulanathmak Adhyayan	Sangradhan	communicated
61		Aghyay Aur Ayyappapanikar Ki Kavithavom ka Thulanathmak Adhyayan	Sangradhan	communicated

62	Dr. Azeez K.	Effect of cold stress on physiological and biochemical activity of squash plant ( <i>Cucurbita maxima</i> L.) Of the family Cucurbitaceae	Millenium Zoology	Vol.13 (1) 50 – 58 (2012)
63		Ecological impact of changing cultivation on the Biodiversity of Wayanad, Kerala, India	Millenium Zoology	2011
64		Endemic Species of <i>Asplenium</i> L. in South India	Acta Botanica Hungarica	communicated 2012
65	Mrs. A. Krishna Sunder	Discovering a Truncated Psyche	Meridian	ISSN 2278-750xNumber 3 Vol IIJanuary 2013
66		A Gash heals : Patriarchy Recedes	An Anthology of Women Writing	2012
67		The Unsplintered Specimens	Research Journal	Vol.XIV No. 1 Jan-June 2010
68		A study on Roy's "The God of small things"	Rock Pebbles	Vol. 2 Issue 1 March 2010
69	Dr. P I Radha	Malappuram Jillyayude Malayala Paitrikam	Pragathi	2010
70	Mrs. Deepa K	Cadmium(II) Complexes of 1,2-di(imino-4'-antipyrinyl) ethane.	Synthesis and reactivity of inorganic metal-organic and nano metal Chemistry	1553-3183 Vol. 35 issue 10 page no. 883 - 888 (2005)
71	Dr. P. Jyothi	Synthesis and Anti-Cancer screening of some novel imidazole derivatives	Proceedings of 25 <sup>th</sup> Kerala Science Congress, TVM	2013
72	Mrs. Aswathi M.P	From Theology to Thealogy: Goddess Discourse in by the River Piedra I sat down and wept	Wizcraft International Journal of language and Literature	2012

73	Mrs. Sangeetha K	"Getting where", The tension of Dislocation in Manjula Padmanabhans 'Getting There'	Wizcraft International Journal of language and Literature	2012
74	Mrs. Poornima R.	From Eurocentric to Ecocentric: An ecospiritual Reading of Alice Walker's The Colour Purple	Wizcraft International Journal of language and Literature	2012
75	Muhammedali P	Autopsy of India Shining: A review of The White Tiger	Maulana Azad Journal of the English Language & Literature	2009
76	Dr. Rajani R	User instructions in Humanities Research	IASLIC	(Accepted)
77	Mr. Lirar Pulikkalakath	Facebook Generation and the great Arab Intifada"	International Journal of Advanced Research	2012
78		Specific drills of speed , agility and quickness on selected physical fitness variables of junior volleyball players	Voice of sports	Volume VII issue 1 spt. 2012
79	Dr. P. Zakir Ahamed	Study of vital capacity and metabolic risk factors f type II diabetic patients	National seminar proceedings	ISBN 978-81-923961-0-1 march 2012
80		Analysis of adjustment problems anxiety and frustration among professional and non-professional students	Voice of sports	Volume VII issue II march 2012
81	Mrs. Jaseena C	Mappila Educational Tradition in Malabar	South Indian History 32 <sup>nd</sup> Annual session	2013
82	Mrs. Shahina Mol AK	Envisionings: Fresh Domains in Higher Education	Academic Staff College University of Calicut	2012

**B. Publication of books (Books with ISBN/ISSN numbers is given separately )**

Sl. No.	Author	Title of Book	Publisher
1	Dr.C. Saidalavi <i>Principal</i>	1. Arrival of Fiction in to Arabic Literature	Right Click Manjeri (2012)
		2. Al Muntakhabalu Nathriya	Al Huda Books Calicut (2009)
2.	Dr. Azeez. K <i>Associate Professor and Head of Botany</i>	1. Spleenworts (Asplenium L. - Pteridophyta) of South India	Malabar Natural History Society (MNHS) Calicut (2008)
		2. Essentials of Biotechnology – Popular lectures by Experts	Department of Botany, Unity Women's College Manjeri (2007)
3.	Dr. Rajani R <i>Assistant Professor of English</i>	1. Intimate English Master	Computech Publishers, Trivandrum (2006)
		2. Pusthaka Vargeekaranam	Kerala Bhasha Institute (in press)

**C. Publication of Abstracts/ Proceedings:**

Sl. No	Name & Designation of the Faculty member	Title of the paper	Remarks
1.	Dr.C. Saidalavi <i>Principal</i>	The Social Depiction and analytical trends in the early Arab Fiction	Proceedings of National Seminar on Arab experience of new trends in comparative Literature organized by Govt. PTM College, Perinthalmanna (2011)

2.		Arabic Translations from Arabic Classics	Proceedings of National Seminar on Contemporary Arabic Literature: Pervasive Trends and Challenges organized by D.A.College, Karuvarakundu (2011)
3.		Contribution of Yemen Nationals to Arabic Literature	Proceedings of National Seminar on Contributions of Yemen Nationals to Arabic Literature organized by EFLU Hyderabad (2010)
4.		Contemporary Arabic Poets of Kerala	Proceedings of International Seminar on Growth and Development of Arabic Language and Literature in India organized by Jamal Mohamed College Tiruchirappally, Tamil Nadu (2005)
5.	Dr. Azeez K <i>Associate Professor and Head of Botany</i>	Secondary Metabolites in Medicinal Plants	Proceedings of UGC Sponsored seminar on Medicinal Plants- Recent Trends(2010)
6.	Dr. Annie Ninan <i>Assistant Professor of Home Science</i>	Impact of Nutritional Intervention on pregnant adolescents from Malappuram Dt., Kerala	Proceedings of International Seminar on Bioactive Natural Compounds from plant food in Nutrition and Health (2012)
7.	Dr. P.K. Babu <i>Associate Professor and Head of English</i>	Spoken Communication in the classroom	Proceedings of the seminar on the topic Introducing English as Functional Language
8.	Mrs. Poornima R <i>Assistant Professor of English</i>	Re-defining Nation: A study of filmed fictions	Proceedings of International Conference on Literary Studies: Current trends and Challenges (2012)
9.	Mrs. Shahina Mol A. K <i>Assistant Professor of English</i>	The song of herself: Post Colonial women voices – Mahasweta Devi and Ama Ata Aidoo	Proceedings of International Conference on Literary Studies: Current trends and Challenges (2011)

10.	Mrs. Aswathi M. P <i>Assistant Professor of English</i>	Reflections on Human Rights and violation: Autobiography as a space for Resistance	Proceedings of UGC Sponsored National Seminar on "Human Rights for Women" Organised by KAHM Unity Women's College, Manjeri (2013)
		Aesthetic Balance of the Narrator(s), Narrative and Narration in Mario Vargas Llosa's- The Story Teller	Proceedings of International Seminar on Literary Studies: Current trends and Challenges (2012)
11.	Mrs. Krishna Sunder A <i>Assistant Professor of English</i>	"Dance with the Stranger; The Reverberation of a Revenant"	Proceedings of UGC Sponsored National Seminar on "Human Rights for Women" Organised by KAHM Unity Women's College, Manjeri (2013)

**D. Publication of Articles in News Papers /Magazines etc.**

Sl. No	Name and Designation of Faculty Member	Title of Article	Name of Magazine
1	Dr. P.I. Radha <i>Associate Professor of Malayalam</i>	"Duswapnangalil Keeriya Puthappu"	Chintha.com THARJANIInternet Magazine ( 2010)
2		"Snehageethangal"	Chintha.com THARJANIInternet Magazine(2008)
3		"Avasanikkatha Yathrakalilude"	Chintha.com THARJANIInternet Magazine(2007)
4	Dr. Azeez K <i>Associate Professor and Head of Botany</i>	The impact of Climate Change with special reference to Kerala State	Skeleton of epochs- College Annual (2012)
5	Mr. Mammed N <i>Assistant Professor of English</i>	Chalachithrathinte Haritha Darshanam'	'Adaminte Makan Abu: Kalayum Kaalavum, Published by Mathrubhumi Books & Little Masika (2012)

6		'Pocahontas – Oru Bala Novel Europine Thiruthunnu	Little Masika(2011)
7		'Samakalathinte Thattumpora Kazhchakal'	Desabhimani Weekly (2011)
8		'Morgan's Field- Vilpanaku'- Book Review	Little Masika(2011)
9		"Greekukaranaya Vishwa Puran" Michael Cacoyannis	Festival Book – Thrissur International Film Festival (2011)
10		'Jeevitha Ganathinte Vivitha Ragangal' –	Little Masika(2010)
11		'A short film should not mean but be'	Festival Book-Signs international Film Festival (2010)
12	Mrs. Shahina Mol A.K. <i>Assistant Professor of English</i>	Global Environmental Education through Literature: Ecocritical Exploration of Selected literary Productions	Envisionings: Fresh Domains in Higher Education, Academic Staff College, University of Calicut (2012)
13		Chila Penjeevithangal	Sixes- Beyond the boundaries College Magazine (2011)
14	Dr. I.P Abdul Razak & Dr.K.Fousi <i>Associate Professors of Zoology</i>	A Glimpse on Regeneration	Yo- College Magazine (2010)
15	Dr. P. Jyothi <i>Assistant Professor of Chemistry</i>	Is alcohol a narcotic drink alone?	Sasthrakeralam- Vol 434 Dec.2006
16		Nobel Prizes 2005-Chemistry	Sasthrakeralam- Vol 425 Dec. 2005
17		Chemistry of water	Sasthrakeralam- Vol 425May 2005

18		Archeology and Chemistry	Sasthrakeralam- Vol 425 March 2005
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- **Number of papers published by faculty and students in peer reviewed journals (national/ international)**

Though the college is not a recognized research centre, four of our faculty members are recognized research guides at various research centers. Most of our teachers are actively involved in research activities and has published

- **Number of publications listed in International Database (for Eg. Web of Science, Scopus, Humanities International Complete, Dare Database – International Social Science Directory, EBSCO host etc.) :** Nil
- **Monographs:** Dr. Azeez. K, Associate Professor and Head of Botany has published a monograph entitled Spleenworts (*Asplenium* L. - Pteridophyta) of South India which reported a total of 30 taxa are reported (2008).
- **Chapter in Books**

Sl. No.	Name of the Author	Title of Chapter	Title of the Book	Publisher & Year
1	Dr. Azeez. K <i>Associate Professor &amp; Head of Botany</i>	Tissue Culture and its Applications	Essentials of Biotechnology- Popular Lectures by Experts	Dept.of Botany, Unity women's College, Manjeri (2007)
2	Dr. Rajani. R <i>Assistant Professor of English</i>	<i>compilation</i>	Citations in literary Research in Confetti of Thoughts in in Information Science	2010
3	Mr. Lirar Pulikkalakath <i>Guest faculty in West Asian Studies</i>	The politics of resistance versus the politics of accommodation: Hezbollah's experience with Democracy in Lebenon	Islamist Movements and Democracy in the Middle East, Challenges- Opportunities and Responsibilities	Global Vision Publishing House, New Delhi (2013)

- **Books edited:** Dr. Azeez. K, Associate Professor and Head of Botany has edited the book entitled "Essentials of Biotechnology- Popular Lectures by Experts" (2007).

- **Books with ISBN/ISSN numbers with details of Publishers**

Sl. No	Name of the Author	Name of the Book	Details of Publisher	ISBN/ISSN number
1.	Dr. Azeez K <i>Associate Professor and Head of Botany</i>	Primitive Ferns of South India (2008)	RainbowBook Publishers, ChengannurKottayam Dt., Kerala – 689 124	ISBN 81-89716-47-6
2.	Dr. Hussain Koorimannil <i>Assistant Professor of Botany</i>	<i>Bacapa monnieri</i> (L.) A medicinal Source and phytoremediant-A Paradox" –(2012)	Lap LambertAcademic PublishingGambtl & Co. KG Germany	ISBN-13: 978-3-8484-22654

- **Citation Index :**

- **SNIP :**

- **SJR:**

- **Impact factor:** Available Impact Factor of journals given against the title of the journal

- **h-index :**

- **Research awards received by the faculty:** Nil

- **Recognition received by the faculty from reputed professional bodies and agencies, nationally and Internationally**

Dr.P.I.Radha, Associate Professor of Malayalam received **Malayalakkavithaaward** for the best Critical Study of Vajrakundalam, famous poem of N.N. Kakkad.

- **Incentive given to faculty for receiving state, national and International recognitions for research contributions :** So far none received any such recognition for research contributions.

### 3.5 Consultancy

#### *Systems and strategies for establishing institute-industry interface*

The college is trying its level best to collaborate activities connected with industry especially IT Sector. During previous years, the college arranged campus recruitment programmes for IT related firms.

***Policy of the institution to promote consultancy. How is the available expertise advocated and publicized***

The college always encourages and motivates teachers involved in consultancy services. The available expertise is publicized through academic peers, alumni and students.

***Encouragement to the staff to utilize their expertise and available facilities for consultancy services***

The college always award duty leave as per provision in order to encourage consultancy services of its teaching faculty members. It is also very liberal in sharing its expertise with other institutions, stake holders and community.

***Major consultancy services provided by the institution and the revenue generated during the last four years***

Faculty members of the institution involved in consultancy services do it free of cost.

Sl. No.	Consultancy service	Faculty involved
1	Translation of Malayalam & English to Arabic utilized mainly for overseas job purpose	Dr. C.Saidalavi, <i>Principal</i>
2	Intellectual & administrative support in setting up institutions like international schools	Dr. P. K. Babu <i>Associate Professor &amp; Head of English</i>
3	Setting skill stations for institutions like the <b>BenchMark School of Finishing Skills, headquartered in Bangalore</b>	
4	Design of content for soft skill modules	
5	Training teachers and students in developing English language skills	
6	Development of spoken English modules	
7	Development of content of Brochure for institutions	
8	Academic input for education related e- products like CDs & VCDs	
9	Translation of Malayalam to English	
10	Coining names to institutions	
11	Academic Consultant of Wisdom Educations, an International Educational Institution spread over UAE, Oman, UK and India offering various types of	Dr. Azeez. K <i>Associate Professor &amp; Head</i>

	Educational programmes including University Courses	<i>of Botany</i>
12	President of National Educational Trust, a registered society running an Aided Higher Secondary School in Kozhikode District with more than 2000 students	
13	Chief Editor of 'Wizmag Science Plus', a quarterly Educational Magazine in Physics, Chemistry, Mathematics and Biology, a reference material for Higher Secondary Students following CBSE and Kerala state syllabus	
14	Dietetics	Mrs. A.S. Anitha Begum <i>Associate Professor &amp; Head of Home science</i>
15	Personality Development	
16	Pre-marital Counselling	
17	Subject expert of Public Service Commission (PSC) for junior Auditor in Co-operative Department	Dr. V. P. Abdul Nazer <i>Associate Professor of Commerce</i>
18	Selection of LGS to Mankada Service Co-operative Bank by conducting Written test	
19	Member of "Kizhattur Village Jagratha Samithi"	
20	subject expert for the selection of Family Counsellors by Kerala State Social Welfare Board & Mahila Samajam, Manjeri	Dr. Annie Ninan, <i>Assistant Professor of Homescience</i>
21	Diet counsellor	Mrs. Fatimathu Zuhra N.V <i>Assistant Professor of Home Science</i>
22	Diet counsellor	
23	Nutrition Educationist to ICDS Workers	
24	Question paper setter for different universities	Dr. Muhamed Basheer Ummathur, <i>Associate Professor of Chemistry</i>
25	Prepared students of PPM Higher Secondary School, Kottukara- Kondotty, Malappuram for a scientific research project entitled "Mercury Phagous Plant to get rid Environmental Pollution" for representing Kerala State in South Indian Science Fair held on 20 <sup>th</sup> January 2011 at Pondicherry.	Dr. Hussain Koorimannil <i>Assistant Professor in Botany</i>

***The policy of the institution in sharing the income generated through consultancy (staff: Institution) and its use for institutional development***

The question of sharing income doesn't arise, as all the staff providing consultancy service, do it without any remuneration and consider it part of duty.

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

***Promoting institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students***

The institution – neighborhood – community network is achieved by providing:

- ❖ Land for the cultivation of vegetables and fruits to people in the neighborhood through which organic farming and community building are promoted.
- ❖ Students from the neighbouring community make use of the morning down trips and evening up trips of the college bus for their conveyance to schools in the town. Being economically backward, these families find this free transportation very helpful in promoting education.
- ❖ Clean drinking water to the neighbouring house(s), help the locals to address the problem of water scarcity, especially during the summer.
- ❖ Facilities for students to involve in data collection, health and hygiene related surveys, socio-economic surveys awareness programmes, nature protection etc. through NSS, NCC and CSS (Compulsory Social Service) activities, helping in the holistic development of students.

***Institutional mechanism to track students' involvement in various Social movements/ activities which promote citizenship roles***

The institution conducts various programmes in general and as part of NCC and NSS in particular to develop social attitude, secularism and fellowbeing concept among students, trying to make each student a good citizen useful to society. NSS special camps conducted annually in the surrounding localities help foster good sense of citizenship and service orientation. In these one week camps, students are trained in interacting with and serving the community. The students are also involved in Pain and Palliative Care work and became the top fund raiser in Malappuram District during 2012- '13. As part of NSS activity the college also distributed five water beds during 2012 to the Pain and Palliative Care Clinic at Manjeri utilising the contributions received from the staff and students.

### ***Stakeholder perception on the overall performance and quality of the institution***

The institution regularly collects feedback from students to know their perception on quality of the institution. The college also holds meetings of PTA General body, PTA Executive committee, Class PTA and one to one meetings with the parents of under-performers to know the perception of the parents on the quality and performance of the institution. The perceptions of teachers are collected and evaluated through regular meetings of College Staff Council and other sub committees constituted for various purposes.

### ***Extension and outreach programmes***

Extension and outreach programmes of the institution are organized through NCC, NSS, departmental activities include road construction, greening programme, cleanliness drive, medical camps, awareness classes on health , dreaded diseases (like AIDS, Cancer), environment (conservation, pollution) surveys on nutritional status, distribution of food and clothes to destitute, fund raising for economically weak patients etc.

***The major extension and outreach programmes during the last four years and budgetary details is as follows:***

#### ***Departmental***

- ❖ Two environment awareness campaigns sponsored by MoEF, Government of India conducted for successive years(Zoology and Botany) : Rs: 40,000.
- ❖ Workshop on 'breast cancer' sponsored by Kerala State Higher Education Council (Home Science) : Rs 30,000.

#### ***NSS & NCC***

- ❖ Planting and preserving endangered Medicinal plants in Houses of Adangapuram , Parakkulam (ward no 47) of Manjeri Municipality in Dec. 2011: Rs. 30,000
- ❖ Construction of Kunnappilly Mundukad Road at Adangampuram area of Narukara village in Dec. 2010: Rs: 30,000
- ❖ Cleaning Adangampuram Kuttithodu, main water canal of Narukara village in Dec.2009:Rs.30,000
- ❖ Cleaning & Greening Programme Medical Camp, Antiplastic Classes to house wives of local area, pit making for collecting plastic wastes at Chakrian Moochikkal, near the college in 2008: Rs.30,000
- ❖ Fund raising for Pain And Palliative care unit of Manjeri is done year after year by the NSS Units of the college. Contributed an amount of Rs. 5250 (in 2009-10) : Rs.6160 (in 2010-11) and Rs. 5000 (in 2011-12) collected

from staff and students towards this cause. In fact our NSS Units have won the **Best Fund Raiser Award** in the district for 2011-12 constituted by the Pain and Palliative care society.

- ❖ The institution has also secured **the second position in the state** and first position in the district in another fund raising in the programme '**Karunyadeepam**' to help the Kidney patients, constituted by the Department of Social Welfare of Govt. of Kerala
- ❖ As part Environment Day celebration, every year the NSS units planted around 50 saplings in the campus and maintained them.
- ❖ Medical camp for the rural people, cleaning of municipal bus stand, anti-plastic classes for house wives of local area and construction of separate pits for putting plastic, rally on communal harmony, AIDS, health awareness camp etc. are to list a few activities organized by NSS & NCC units of the campus.
- ❖ In 2009, the data collection of Pulpatta Grama Panchayat for updating Grama Panchayath websites (LSGD) was done by the NSS units of the College.

#### ***Promotion of student and faculty participation in extension activities***

Students and faculty are sensitized on their role in society and encouraged by providing sufficient incentives. The student participants of NSS and NCC are awarded additional grade points which enhance their overall grade (score). They are also provided with nutritious food during special camps and other activities. Faculty members in charge of NSS & NCC are given monetary incentives. Besides, students and staff achievers are honored in functions held in the institution. NCC officer, ANO Lt. A.C. Meeradevi, received the **Chief Minister's Cash Award and DDG'S commendation** for outstanding performance in the Tal Sainik camp held at New Delhi during 2009-10.

#### ***Major incentives for NCC:***

*Academic incentives :-* By Govt. of Kerala - Scat for Professional courses - Engineering course - 31, MBBS - 2, BHMS/BDS/AMS/B. Sc. Nursing - 02 each B VSC - 01, B Pharm. - 01, Polytechnic - 30

*Weightage of Mark-Plus Two / TTC-10marks, Degree -15marks, P.G course -5 marks*

A/ B/ C certificates holders are eligible for Additional weightage marks 3,5,& 5 respectively

*Grace Marks*(Calicut University)-'B'Certificate 2%, Tal Sainik Camp cadets 6%, Certificate 4%, Republic Day cadets 7%

*Reservation of Post* for the postgraduate courses – 1 seat each for each subjects at Sanskrit University, 1 seat each to eligible cadets for each course of Arts, Commerce, MBA and LLB at Cochin University.

Govt. of Kerala PSC reference in uniformed services of State. Bonus Mark-'A' certificate -02, 'B' certificate -03, 'C' certificate 05.

*Scholarships* – Rs.6000/- per year to 760 cadets. Best cadets Rs.3500/- each, Second best cadet Rs.2500/- each.

*Sahara Scholarships* – SW Rs.12000 each. Professional courses Rs.30000/- (eligibility criteria-the candidate should have 80% attendance in NCC, 65 % mark in Science, 60% in Commerce, 55% in Arts stream in XII, should have completed at least 1 year of NCC in SW)

#### ***Achievements***

In 2007, Dr. Meera Devi A.C. was commissioned as lieutenant. Senior under officer Anitha Narayanan was glorified with the **Award of Chief Minister's best cadet in the RD Camp** at Delhi and was selected for **Youth Exchange Programme at Nepal**.

In 2008, Alni C Ali was awarded best cadet for different Annual Training Camp and National Integration Camp etc..

Lt. Dr. Meera Devi. A.C. held the post of contingent Commander of TSC 2009 and won the **Chief Minister's cash award for the best ANO and commendation card from DDG of NCC** for the best ANO in the year of 2009.

In 2010 four of our cadets, Hashifa.T., Sasna. M., Priyanka and Febina won gold medal for different competitions at TSC Delhi and was awarded with a **cash prize from the Chief Minister of Kerala**. Sasna. M also bagged scholarship of NCC.

Making the college proud, many awards are won by cadets every year for different NIC, ATC, RD and TSC camps. **Every year our NCC unit has 100% result for 'B' and 'C' Certificate exams.**

Corporal Hashifa won the I prize in the shooting competition. Hashifa and Sasna won prizes at the medical attachment camp held at Cochin. About 25% of the faculty members were involved in various extension programmes as NSS & NCC Programme Officers from time to time.

***Details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from underprivileged and vulnerable section of society***

The college is situated in a socially and educationally backward District of Kerala and within a short span of two decades, it has grown into one of the important centres of learning at undergraduate level providing quality education to the underprivileged and vulnerable section of the society. The students are involved in various social surveys around the college premise. In 2009, the data collection of Pulpatta Grama Panchayat for updating Grama Panchayath websites (LSGD) was done by the NSS units of the College. As part of her research, Dr. Annie Ninan conducted an extensive survey in three blocks of Malappuram District, Kerala on the nutritional status and studied the impact of nutritional intervention on pregnant adolescents. This improved the community awareness regarding the adverse consequences of early teenage conception. The study stressed the importance of giving adequate nutritional and healthcare to this high risk group.

***Complementing students academic learning experience and the values and skills inculcated***

By involving personally in various extension activities organized by the college or its departments or NSS and NCC activities, the students get a lot of personal experience that indirectly reflect on their learning programmes and develop social values like sympathy, empathy, respect, fellow being concept etc. The extensive activities of NSS has helped to improve the interpersonal, organizational and leadership skills of students.

***The initiatives of the institution that encourage community participation in its activities***

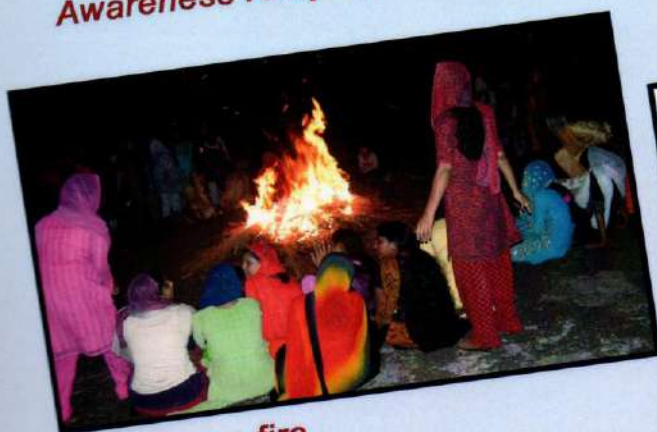
- ❖ The institution ensures involvement of the locals in awareness classes, discussions, film and documentary shows conducted at NSS campsites. Their support and guidance in construction of roads, greening programmes etc. are also ensured for community development.
- ❖ Maintenance of saplings and medicinal plants planted in houses of adopted village are also done through community participation.
- ❖ The active involvement of Parent Teacher Association of the college in all the activities of the institution is achieved through a good rapport with them. Due considerations is given to the PTA in all the activities of the College. In fact, 50% of the contribution for Rain Harvest Tank of 8.6 Lakh litres capacity set up in the campus was from the PTA fund.



Awareness Rally by NCC Cadets



Cleanliness Drive



NSS camp fire



Greening the campus



NSS units in action



Medical camp



- ❖ A KSHEC sponsored workshop on 'Breast Cancer' organized by the Department of Home Science on 5th March 2012 was attended by many local women.
- ❖ Another workshop on 'Diabetes' organized by Department of Home Science attracted many elderly locals.
- ❖ The Department of Home Science organized a workshop on 'Fruit preservation' for the local women.

*Constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.*

- ❖ The institution has a tie - up with the Pain and Palliative Care Unit of Manjeri.
- ❖ The Department of Botany organized a lecture cum demonstration session in Biotechnology by experts meant for school students. Students from ten Higher Secondary School benefitted from this Department of Biotechnology, Govt. of India sponsored programme.
- ❖ A one day work shop on 'Recent applications in Biotechnology' was conducted by The Department of Botany for the school teachers. Fifty teachers from various Higher secondary Schools of Malappuram District participated in the workshop.

*Awards received by the institution for extension activities and / contributions to the social / community development during the last four years*

- ❖ **Pain and Palliative Care Clinic Award** for the best fund raiser in Malappuram Dt. during 2012-'13.
- ❖ Secured the **Second position in the State and First place in the District** during 2011-12 for the fund raising programme "Karunyadeepam" organized by the Social Security Mission of Department of Social Welfare, Govt. of Kerala to help cancer patients.

### 3.7 Collaborations

*Collaboration and interaction with research laboratories, institutes and industry for research activities and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.*

The institution does not collaborate with research laboratories, institutes and industry for research activities. However, individual faculty members with guideship interact and collaborate with their research centres elsewhere in other in other institution. Faculty members with Research projects interact with

Research laboratories for sharing facilities. Dr .Muhammed Basheer Ummathur is Research Guide at research laboratory of Chemistry of Farook College, Calicut and for spectrum analysis of compounds he utilizes the facility at Central Drug Research Institute Lucknow, Indian Institute of Technology, Chennai and Mumbai, Indian Institute of Spices Research, Calicut, Department of Chemistry University in Calicut and Amala Cancer Research Institute, Trichur.

Dr. K. Fousi utilized the facility at the department of Zoology, Providence Women's College, Calicut for drawing of micro hymenopterans.

***Details on the MoUs/ collaborative arrangements (if any) with institutions of national importance/ other universities/ industries/ Corporate (Corporate entities) etc.***

- ❖ MoU with Kerala State IT Mission (KSITM) has contributed to the development of the institution, faculty and students.
- ❖ Provided the financial support for setting up IT Laboratory of the Women Resource Centre
- ❖ Trained selected faculty in engaging soft skills, communication skills and IT.
- ❖ Awarded a certificate to students on successful completion of the course.
- ❖ In collaboration with Kerala State Women Development Corporation (KSWDC) three programmes on personality development were conducted which largely benefitted the student of the campus who are basically from the rural background.
- ❖ Additional skill acquisition programme (ASAP) meant to improve the employability quotient of the students in Higher Secondary Schools and UG Students of Arts and Science Colleges has been initiated recently with support from Dept of Higher Education and General Education , Govt. of Kerala.
- ❖ Collaborative arrangements with public sector banks are made by the department of Commerce for offering the 'On the Job Training' to the students of B.Com Computer Application.

***Industry-institution-community interaction that have contributed to the establishment/creation / upgradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories/library/new technology/placement services etc.***

People's representatives contributed certain share of their allotted funds to the improvement infrastructure facilities of the institution. Korambayil Ahamed Haji Memorial Auditorium of the College , Compound wall of the institution, a portion of the Administrative block , College Water tank etc. were constructed using the fund from MP LAD Schemes. A good amount from the MLA Fund was

utilized for upgrading the academic facilities including purchase of books to the library. Shihab Thangal Memorial Library, the new library block was partly constructed by utilizing the financial support extended by a prominent entrepreneur, Dr.P. A.Ibrahim Haji.

***National and International Conferences Organized by the College during the last four years and Names of eminent scientists / participants.***

Sl. No	Academic conferences organized	Eminent Scientists/Participant	Sponsoring agency	Department s involved	Date
1	National Seminar on 'Human Rights for Women'	1.Dr. Amina Wadud, Professor Emeritus, Virginia Commonwealth University, USA  2.Dr. Sheila D'souza Head, Centre for Women Studies, Goa University	UGC	English, Commerce, History and Home Science	6 <sup>th</sup> , 7 <sup>th</sup> , 8 <sup>th</sup> Feb 2013
2	National Seminar on 'Communicative Approaches to Teaching of Literature at UG Level'	1. Dr. M.V Narayanan 2. Dr.K.M Shareef (Both Professors, Dept. of English, University of Calicut) 3. Prof. K Manohar. Bench Mark School Clt.	UGC	English	13 <sup>th</sup> & 14 <sup>th</sup> Jan.2009
3	National Seminar on 'Identity Crisis in The Cooperative Sector'.	Mr. M.M. Monai Ex MLA & renowned Social Scientist.  Dr. K.PMuraleedharan Professor, Dept. of Commerce and Management Studies, University of Calicut	UGC	Commerce	2008

4	National Workshop on 'Breast Cancer'	1.Dr. Paul Augustin Regional Cancer Centre (RCC), Thiruvananthapuram.  2.Dr. Leena Varghese Chief Dietician KIMS Hospital, Ernakulam	Kerala State Higher Education Council	Home Science	5 <sup>th</sup> March 2012
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***Linkages/ collaborations resulted in formal MoUs and agreements***

- a) Curriculum development/ enrichment :
- b) Internship / On-the-job training :OJT Training in Public Sector Banks for for B.Com CA Students.
- c) Summer placement :
- d) Faculty exchange and professional development: Academic Staff College of University of Calicut utilizes Dr.P. K Babu as Resource Person to its professional development programmes for teaching and non-teaching staffs.
- e) Research: Linkage with the Chemistry and Arabic research centres of Farook college, Calicut has resulted in sanctioning guideship to two of our faculty members .
- f) Consultancy: One of the faculty members serve as the Educational Officer of Bench Mark Schools
- g) Extension
- h) Publication
- i) Student placement
- j) Twinning programmes
- k) Introduction of new courses
- l) Student exchange
- m) Any other

**CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES**

**4.1 Physical Facilities**

The Management committee of the College is fully aware of the need of maintenance and enhancement of infrastructure facilities for effective teaching and learning. The infrastructure facilities are generated based on the recommendations of Department Council meetings. Their proposals are thoroughly discussed in the Staff Council meetings periodically and put before the Management committee. The implementation of the course content of different programmes offered by the various departments structured and timed in such a way that the facilities are put to optimum use.

*Facilities available for curricular and co-curricular activities*

Sl. No	Facilities	Number
<b>A. Curricular and co-curricular activities</b>		
1	Class rooms (including some ICT enabled ones)	27
2	Technology enabled learning spaces	13
3	Seminar Hall	1
4	Tutorial Spaces – NRSC, Auditorium, Seminar hall & Conference hall	One each
5	Laboratories (Including tissue culture lab)	8
6	Botanical Garden	1
<b>Specialised equipments and facilities for teaching, learning and research</b>		
7	OHP	3
8	LCD Projectors	11
9	Computer (Desktop)	80
10	Computer (Laptop)	9
11	Binocular Stereo zoom Microscopes	3
12	Binocular Stereo zoom Microscopes with camera lucida	1
13	Binocular microscope	2
14	Research microscopes	6
15	Electronic balance	3
16	Network Resource Centre	1
17	Magnetic Stirrer	3
18	Spectrophotometer	1

19	Flame photometer	1
20	Potentiometer	2
21	pH meter	2
22	Heating mantle	2
23	Hot air Oven	3
24	Suction pump	1
25	Muffle furnace	1
26	Conductometer	2
27	Double distillation unit	1
28	Chromatographic column	1
29	Laminar air flow	1
30	Tissue Culture Lab	1
31	Inoculation room	1
32	Binocular	1
33	Digital Camera	1
34	Digital MIPS	1
35	Microtome	1
36	Refrigerator	4
37	Microwave oven	1
38	Gas stoves	6
39	Cooking range	1
40	Centrifuge	3
41	FAX Machine	2

42	EPABX System with 24 ports ( Connects departments, office, principal, library, canteen)	1
43	Interactive board	1
44	Xerox Machine (including system support)	4
45	IT cum Language Lab	1
46	Sound System	4
47	Printer	11

***B – Extra Curricular Activities***

1	Sports:- Playground (90 m X 60 m) for football, Kabadi & Cricket Shuttle Courts - Table Tennis –	1 2 2
2	NCC room	1
3	NSS room	1
4	Auditorium with Sound system	1
5	Seminar hall with Sound system	1
6	Conference hall with Sound system	1
7	Physical Fitness Centre	1

***C – Common Facility***

1	IQAC	1
2	Grievance Redressal Cell	1
3	Career Guidance Cell	1
4	Canteen	1
5	Staff recreation centre	1

- ❖ In collaboration with Kerala State IT mission a well equipped IT learning lab was setup, with 24 computers and broadband connectivity.
- ❖ Computer lab facility attached to Computer Science department has 36 computers.
- ❖ Network Resource Centre attached to the library with 20 computers are also utilized for technology enabled learning purposes.
- ❖ A Seminar hall with 240 seating capacity, a Conference hall with 100 seating capacity, space available at Non Residential Students Centre and Auditorium are utilized for tutorial activities.
- ❖ Seven laboratories attached to various Science departments and a plant tissue culture laboratory attached to the botany department.
- ❖ Botanical garden with a Net House facility for plant propagation.
- ❖ A small medicinal garden for conserving the valuable endangered medicinal plant species.

#### ***Facilities available for extra- curricular activities***

- ❖ Playground (90mx60 m) for football, Kabadi and Cricket.
- ❖ Well furnished auditorium (800 seating capacity) and a multi-utility space are available for fostering cultural activities.
- ❖ Separate rooms are provided for NSS and NCC units.
- ❖ The auditorium, conference and seminar halls are equipped with sound system.
- ❖ All the class rooms and laboratories are connected with the common sound system attached to the administrative wing for an effective and speedy communication. These facilities are utilized for the awareness classes on personality development, communication skill development, health and hygiene etc.
- ❖ An EPABX system with 24 portals connects the Departments, Office, Principal, Library and Canteen.
- ❖ The implementation of the course content of different programmes offered by the various departments are structured and timed in such a way that the facilities are put to optimum use. To keep par with the academic growth of the institution, a total outlay of Rs.1,84,22,987/- was spent for the construction of new building, which include the separate library block, new class rooms, Hostel, Staff quarters, Toilets, Multi-utility space, Seminar Hall and rain harvest tank with storage capacity of 8.5 lakh litres. For procuring learning resources a sum of Rs.3,453,998/- spent for purchase of new Computers, LCD projectors, interactive board, Sound systems, Xerox machines, EPABX, Fax machine etc.



*Academic block*



*Administrative & Computer science block*



*College Auditorium*



*Herbal Garden*



*Hostel*



*Rain harvest Tank & Net House*



*Vegetable Garden*



- ❖ The construction of an indoor stadium (38mx15 mx12 m) with an estimated expenditure of Rs. 40 lakh and new class rooms with an estimated cost of Rs.40 lakh (approx.) for starting new post graduate courses will be completed soon.

**(Master Plan of the Institution is enclosed as Annexure V )**

***The common facilities available***

- ❖ Separate rooms are available for I Q A C, Grievance Redressal Cell, Counselling and Career Guidance Cell.
- ❖ Canteen to accommodate 75 students at a time.
- ❖ Staff recreational facilities under staff club include rest room, games facility, Television etc.
- ❖ Drinking water facility include separate water supply scheme, two open wells Rain harvest tank, Four drinking water purifiers in the ground floor of Academic blocks, Library and Hostel.
- ❖ Well-furnished auditorium (800 seating capacity), Non-residential students centre and Multi-utility space are also available for conducting extracurricular activities and other recreational events for students.
- ❖ Though the percentage of students with physical disabilities is very low, in order to meet their requirements, wheel chairs are made available. The new library block is constructed with ramp facility for their easy movement.

***Residential facility for students***

A Double storied ladies hostel to accommodate 100 students has the following facilities:

- ❖ Prayer hall and separate space for Yoga.
- ❖ Reading room with Magazines, Newspapers and Periodicals.
- ❖ Two shuttle courts .
- ❖ Recreation room with television and Indoor games facility.
- ❖ College vehicle for transport during medical emergencies.
- ❖ For health care, the college has a tie up with Korambayil Memorial Hospital, Manjeri owned by one of the members of the Governing body.

***Residential facility for staff***

- ❖ Two staff quarters in the campus.
- ❖ 24 Hours safe drinking water and Security staff for both ladies hostel and staff quarters.

**4.2 Library as a Learning Resource**

The library has an Advisory Committee with Principal as the Chairman, Librarian as secretary, Heads of departments, IQAC Coordinator and College

Union Chairperson as members. The following are the office bearers for the year 2011- 12.

*Chairman*

1. Dr. C. Saidalavi, Principal

*Members:*

2. Dr. U. Muhammed Basheer, Head of the Department of Chemistry
3. Dr. P.K. Babu, Head of the Department of English
4. Dr. C. Abdul Majeed, Head of the Department of Commerce
5. Mrs. Anitha Beegam, Head of the Department of Home Science
6. Dr. K. Azeez, Head of the Department of Botany
7. Mr. Rahib. B, Head of the Department of Computer Science
8. Mr. Shabeer Mon, Head of the Department of History
9. Dr. I.P. Abdul Razak, Head of the Department of Zoology
10. Dr. K. Fousi, Co-ordinator, IQAC
11. Miss. Suman Ummer, Students Union Chairperson

*Secretary:*

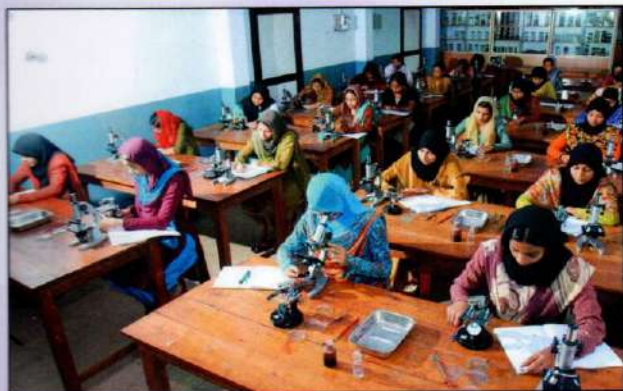
12. Mr. K. K. Basheer Hussain Thangal, Librarian.

The Committee gives directions and recommendations on all matters related to the organization and services of the College library. The request for the purchase of books by the department councils are evaluated and recommended by the library advisory committee for implementation.

The access and issue of the material is fully computerized and all the materials are issued based on bar coding system. Access to library materials is open to all the users including Staff and Students of the Campus. For outside users only the reference materials are available with prior permission of the Principal and Librarian to ensure security.

Network Resource Centre attached to the library has 20 Computers with high speed internet facility and a band width of 10 mbps. OPAC facility available to readers helps to locate the books precisely and quickly. OPAC document Navigator facility is also available through which the title and content page of books can be accessed. Separate reference, journal, CD borrowing sections are available in the library. A Book bank section contains standard text books in all subjects, which are loaned to deserving students for a period of one year.

The latest Catalogues, Bibliographies and Book reviews in newspapers are transmitted to the concerned Heads of the departments on the last day of the month. The list of books and journals to be purchased after the discussion in the councils is retransmitted to the library by the concerned Department Councils and placed before the library advisory Committee. The books and journals are purchased from the list approved by the Advisory Committee.



*Botany Lab*



*Computer Lab*



*Textile Lab*



*Chemistry Lab*



*Language Lab*



*Fitness Centre*



*Network Resource centre*



- Total area of the library (Sq. Mts.) : 421.7798
- Total seating capacity : 120
- Working Hours (On working days, on holidays, before examination days, during examination days, during vacation) : 8:30am to 4:30pm.(including Saturdays and Vacation)
- Layout of the library (Individual Reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources) :  
Enclosed as *Annexure VI*

***Library Holdings and amount spent for the last four years***

Library Holdings	Year -1 2008 - 09		Year - 2 2009 - 10		Year - 3 2010 - 11		Year - 4 2011 - 12	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text books*	416	104848	513	154412	601	157656	184	50243
Reference** Books	19	7280	24	12700	20	14910	18	23257
Journals/ Periodicals	61	17384	70	29791	82	24971	68	29347
e-resources	-	-	-	-	-	-	INFLIBNET	5000

\* Books issued to the users, \*\* for reference only

- ❖ The OPAC window is provided with searching the book with respect to accession number, title, author and subject.
- ❖ Library Website: Preliminary steps have been initiated to launch the library website of the college.
- ❖ Library is fully automated with windows based library automation software "Book Magic". It is a highly secure system which ensures the users get the right information and functions.
- ❖ A total of 23 computers and two printers are available for public access out of which 20 computers are connected with internet bandwidth of 10 mbps.
- ❖ College is registered with the INFLIBNET, N-List. (National Library and Information Services Infrastructure for scholar Content) by UGC – INFONET digital Library consortium.

- ❖ Average number of walk-ins : 300
- ❖ Average number of books issued/returned : 90
- ❖ Ratio of library books to students enrolled : 19: 1
- ❖ Average number of books added during last three years : 1360
- ❖ Average number of login to OPAC: 130
- ❖ Average number of login to e-resources : 20
- ❖ Number of information literacy trainings organized : 9
- ❖ The reference section has 800 books including subject wise Reference books, Dictionaries and Encyclopedias.
- ❖ Reprography facility with printer and photocopier is available in the library.
- ❖ Nine awareness classes were conducted for the students.
- ❖ The college is registered within the INFLIBNET, N- List (National Library and Information Services infrastructure for scholar Content) by UGC – INFONET digital Library consortium and more than 400 students and staff obtained Log-in-ID and password.

***The support provided by the Library staff to the students and teachers include***

- ❖ Helps in searching books in OPAC.
- ❖ Helps to locate books in stack room saving the time of staff and students.
- ❖ Issues the books very promptly and replaces the books in classified order.

***For providing support to the visually/physically challenged***

- ❖ Special software for visually impaired is available.
- ❖ Ramp and wheel chairs are provided for physically handicapped for their easy movement in the library.

An effective feedback analysis is carried out regularly for improving the library services. Questionnaire is distributed among the users and the data collected is analyzed to find out the drawbacks and achievements. The outcome of the feedback is discussed in library council meeting for further improvement of the library facilities.

#### **4.3 IT Infrastructure**

A total of 97 computers with the following configuration are now functional

***Configuration 1***

No. of computers – 11 ( 9: Windows 7 and 2: Microsoft windows 7)  
 System details: Intel( R) Pentium( R) Dual CPU E2220@2040GHz,  
 0.99GB RAM, HD: 148 GB  
 OS Detail: Microsoft Windows XP Professional, Version 2002, Service pack 2 and Windows 7

#### **Configuration 2**

No. of computers – 19

System details: Intel(R) Pentium(R) Dual CPU

E2220@2.80GHz,2.79GHz, 240MB RAM, HD: 76 GB

OS Detail: Microsoft Windows XP Professional, Version 2002, Service pack 2.

#### **Configuration 3**

No. of computers – 14

System details: Intel(R) Pentium(R) Dual CPU

6600@3.06GHz,3.07GHz, 2.00GB RAM, HD: 146 GB

OS Detail: Windows 7 (32 bit OS).

#### **Configuration 4**

No. of computers – 53

System details: Intel G620 Dual CPU @2.6GHz with 3 MB Cache,

2.00GB RAM, HD: 160 GB SATA

OS Detail: Windows 7 Prof AE.

- ❖ Computer – student ratio is 1:11. (Out of the total 97 computers 40 are available to the use of faculty and 80 to students). 74 computers available in the Net Work Resource Centre, IT Lab and Computer Lab are made use of for the IT training programmes.
- ❖ LAN facility: 58 systems have high speed internet connectivity with a band width of 3.4 mpbs.
- ❖ Licensed Software: Book Magic, Meshilogic – Payroll, Widows 7, Meshilogic – Transportation Management System, Meshilogic – Gateway are some of the licensed software used in academic and administrative purposes.

IT infrastructure is improved by adding new computers and providing high speed internet connectivity. All the departments are provided with the internet connections. In addition to that a Network Resource Centre with 20 computers attached to the library and a separate Women Resource Centre supported by Kerala state IT mission with 25 computers and internet connectivity are also functioning well. All these facilities are available to the students and staff during working hours.

*Year wise allocation of fund for procuring, maintaining and upgrading the computers for the last four years are given below.*

Year	Amount spent (Rs.)
2008 - 09	15025/-
2009 - 10	20025/-

2010 - 11	1,915,014/-
2011 - 12	8,42,423/-

In order to promote ICT enabled learning, all the departments offering core course are furnished with laptop computers and high speed internet connectivity. LCD projectors provided to the departments help to make teaching more effective with Power point presentations, videos and animations. Eleven class rooms are equipped with ICT enabled learning facilities such as LCD and Laptop computers. Portable LCD systems are used in other class rooms. Kerala IT mission sponsored Women Resource Centre and Network Resource Centre attached to the library are the other facilities used as ICT learning and teaching centres. The IT lab attached to the Women Resource Centre is also furnished with an electronic interactive board.

#### **4.4 Maintenance of Campus Facilities**

The funds allotted by the Government and non-government agencies and Management are utilized for providing modern teaching and learning facilities. The decisions and proposals of individual department councils are discussed in the Staff council meetings and final decisions of the council are further evaluated by the governing body before implementation of any new project. For every activity, a monitoring Committee is constituted with teaching and non- teaching staff and one faculty member as the convener of the Committee. The utilization of fund for every project will be based on the decision taken by the Committee. An internal and external audit system is functioning to ensure the optimum utilization of funds in appropriate manner.

##### ***Details of budget allocated during the last four years***

	<i>Items</i>	<i>Amount (Rs.)</i>
a.	Building	1,67,33580/-
b.	Furniture	28,6043/-
c.	Equipment	7,50,888/-
d.	Computers	11,89,867/-
e.	Vehicles	15,17,000/-
f.	Rain harvest tank	16,89,407/-

The maintenance of equipment and other infrastructure facilities is done by external agencies on service contract basis.

The calibration and other precision measures for the equipment/instruments are done by the technical and laboratory staff of each department periodically with the help of teaching staff.

***Steps taken to ensure constant supply of power and water***

- ❖ A Mahindra - 30 KVA silent Generator set (Diesel) ensures constant power supply to academic blocks, library, auditorium and administrative blocks.
- ❖ 6 UPS systems viz. 10 KVA (3 phase), 2 KVA, 10 KVA, 1 KVA, 4 KVA and 5 KVA protects the computer lab, IT labs, Women Resource Centre, Office and Library from voltage fluctuations.
- ❖ A portable Honda generator set (Kerosene) EXK 2000 AC/s – 1.6 KVA connected to the physics laboratory helps in its smooth function.
- ❖ Two 1000 VA invertors are installed in the hostel to provide uninterrupted power supply.
- ❖ A separate water supply scheme with off campus water source and two open wells in the campus ensure the availability of water to the campus, hostel and staff quarters.
- ❖ A rain harvest tank of 8.6 lakh litre storage capacity has been setup as a joint venture of PTA and Management.

**CRITERION V: STUDENT SUPPORT AND PROGRESSION**

**5.1. Student Mentoring and Support**

***Prospectus and Handbook***

The Institution publishes its updated prospectus which is issued to the applicants along with the application form. Updated 'Students' Handbook and Academic Calendar' are distributed annually to all the students and staff. It provides vision and mission statements of the institution, the rules and regulations of the institution, library and hostel, details of programmes and courses, faculty and staff on rule, fee structure, office bearers, academic calendar and other facilities and welfare schemes for the students like Network Resource Centre, Skill Enhancement Programme, National Cadet Corps (NCC), National Service Scheme (NSS), Tutorial System, Career and Course Guidance Centre (CGC), library, Students Aid Fund (SAF), Internal Quality Assurance Cell (IQAC), Literary Club, Compulsory Social Service (CSS), Unity College Alumni Association (UCAA), Tourism Club, hostel, transportation etc.

As a fresh initiative from 2012 admission a bridge course was conducted for the newly joined students of the UG programmes to make them acquainted with the facilities and activities going on in the college including Grievance Redressal Cell, Anti-ragging cell etc.

#### **Institutional scholarships**

PTA and the Management honours the University Rank holders and Class toppers with cash prizes and books. Some management members extend financial support to meritorious students who are economically weak. Free conveyance in the college bus is offered to deserving ones.

#### ***Details of Scholarships issued to students during the last four years***

Sl. No.	Name of Scholarship	Year	No. of Beneficiaries	Amount per Student (Rs.)	Total Amount (Rs.)
1	Lump sum grants for SC/ST	2012-2013	51	12617	643489
		2011-2012	43	10675	459006
		2010-2011	27	1198	32265
2	Student Aid Fund	2011-2012	5	495	2475
		2010-2011	8	415	3320
		2009-2010	6	357	2140
		2008-2009	8	400	3205
3	University Merit Scholarship for PG	2010-2011	1	900	900

4	Scholarship for Handicapped	2010-2011	2	1750	3500
5	Higher Education Scholarship	2010-2011	5	18000	90000
6	Kerala State Suvarna Jubilee Merit Scholarship	2009-2010	12	10000	120000
		2008-2009	11	10000	110000
7	Post Metric Minority Scholarship	2009-2010	4	3404	13615
		2008-2009	2	3565	7130
8	Central Sector Scheme Scholarship	2009-2010	7	10000	70000
9	Education Concession for Lakshadweep Students	2012-2013	4	13788	55152
		2011-2012	7	10642	74495
		2010-2011	6	9435	56609
10	Muslim Girls Scholarship	2010-2011	1	3000	3000
		2009-2010	15	3000	45000
		2008-2009	3	3000	23000

***Support services/facilities available for:***

- ✓ ***Students from SC/ST, OBC and economically weaker sections***
  - ❖ Management scholarships are issued to economically weak students.
  - ❖ SC/ST Students enjoy fee concession and receive lump sum grant.
  - ❖ Economically weak students get priority in admission to management seats.
  - ❖ Students are timely informed about the call for various Governmental and Non-Governmental scholarships and aids. A teacher-in-charge of scholarships take keen interest in informing the students and making them apply for same on time.
  - ❖ Encourages participation in empowerment programmes targeting particular sections like SC/ST. Our SC/ST Students attended a workshop of SC/ST Student Empowerment Programme conducted at Seminar Complex by University of Calicut on 27<sup>th</sup> and 28<sup>th</sup> September 2012.
- ✓ ***Students with physical disabilities***
  - ❖ Of the total seats in UG and PG, 1% in the admission is reserved for physically challenged.
  - ❖ Financial aid from Government.
  - ❖ Wheel chair facility for easy movement.
  - ❖ Specially designed ramps for easy use of wheel chairs.
  - ❖ Class rooms and other facilities are arranged in such a way that disabled students can access these facilities very easily and with less effort.
  - ❖ Special seating arrangements in class rooms.
  - ❖ Specially designed toilets for disabled students.
  - ❖ Bold printed question papers for visually challenged.
- ✓ ***Overseas students***
  - ❖ Though there is no overseas student, few of our students have their parents or husband working abroad. For them, besides providing residential facility, a separate desk for VISA and overseas paper renewal & processing is arranged in the college.
- ✓ ***Students to participate in various National and International competitions***
  - ❖ Conducting competitions in Fine arts and Sports annually to identify the talents.
  - ❖ Sports talents are trained by the Faculty in Physical education.

- ❖ Providing training by appointing trainers in Fine Arts to improve the talents in extracurricular events.
- ❖ Financial Aid as and when required.
- ❖ Transport facility to competition venue.
- ❖ Guidance & motivation by staff in charge.
- ❖ Students are escorted by faculty members for participation in events outside the institutions.
- ❖ Honouring the winners and participants.
- ✓ Medical assistance to students: health centre, health insurance etc.
  - ❖ Vehicle Facility on demand.
  - ❖ Tie up with Korambayil Memorial Hospital Manjeri for health care.
  - ❖ Arranging health awareness classes.
  - ❖ Provision for Sick Room.
- ✓ Organizing coaching classes for competitive exams.
  - ❖ Coaching classes for Minority students to take up competitive exams.
  - ❖ Equal opportunity centre
- ✓ Skill development (Spoken English, Computer literacy etc.,)
  - ❖ Organizing “Skill Enhancement Programme” in collaboration with Kerala State IT Mission (KSITM). Every student completing this course will be eligible for a certificate issued by KSITM. This programme provides development of Computer fundamentals, Interpersonal skill, Communication skill and Behavioural skill.
  - ❖ On the job training programme is arranged for B.Com. C. A. (VI semester) students in nearby public sector banks.
- ✓ Support for “slow learners”
  - ❖ Remedial classes for slow learners
  - ❖ Special attention is paid during tutorial hours.
  - ❖ Peer supported learning - A gifted student is given charge of a group of slow learners.
- ✓ Exposure of students to other institution of higher learning/ corporate/business house etc.
  - ❖ Students are encouraged to attend important lectures, seminars, workshops, debates, symposiums, competitions, etc in the neighbouring colleges and University departments.

- ❖ Arranging study tours and industrial visits to institutions like JNU, New Delhi, National Institute of Nutrition Hyderabad(NIM), Central Food Technological Research Institute Mysore (CFTRI), IIM Calicut, Osmania University Hyderabad, Silk factory Mysore, Steel complex Calicut. Textile mill – Pochampally Hyderabad, etc

✓ Publication of student magazines

- ❖ Annual College Magazine is published with Principal as Chief Editor and staff and student editors. Editorial board consists of few selected students and faculty.
- ❖ Language Department Manuscript magazine.
- ❖ Department of History published a department magazine
- ❖ Department of Arabic released a manuscript magazine
- ❖ Wall Magazine is maintained by the students of B.A and M.A English.
- ❖ NSS News Bulletin is released during NSS special camps.

***Efforts made by the Institution to facilitate entrepreneurial skills among the students***

- ✓ Entrepreneurship Development Club under the department of Commerce conducted workshops on Soft Toy Making, Glass Painting, and Book Binding.
- ✓ Meet the entrepreneur programme was arranged with leading entrepreneurs like Mrs. Beena, Dr. P.A Ibrahim Haji etc.
- ✓ Training in Block Printing (Textiles), Fabric Painting and Handicrafts were organised by the department of Home science.
- ✓ The department of Home Science also conducted a workshop on 'Food Preservation' for the students and locals.
- ✓ 'Waste to Wealth', a workshop on Handicrafts from waste was conducted by the Alumni of Home Science department.

***Participation of students in extracurricular and co-curricular activities***

***Additional academic support, flexibility in examinations***

- ❖ Extra classes are arranged for the students attending in extracurricular and co-curricular activities.
- ❖ Providing attendance to the student participants in competitions, NCC camps, debates, sports and cultural events.
- ❖ Conducting retest for students unable to attend the internal exams with genuine reasons.

#### *Special dietary requirements, sports uniform and materials*

- ❖ Arranging health awareness classes.
- ❖ Providing sports kit.
- ❖ Uniforms are provided to all NCC cadets.

#### *Any other*

- ❖ Free accommodation in college hostel.
- ❖ Meeting travel expenses of student participants of various competitions.
- ❖ Providing monetary help for balanced diet & protein rich food.
- ❖ Conducting class-wise and department-wise competitions to motivate the students.

#### *Details on the number of students appeared and qualified in various competitive exams*

- ❖ UGC – NET Orientation Programme for MA English Students.
- ❖ The Institution conducted coaching classes for Minority students to take up competitive exams.
- ❖ Conducted an Administrative Services Awareness Programme.
- ❖ Details of qualified students in various competitive examinations:

• UGC-CSIR-NET	- 33
• UGC-NET	-73
• GATE	- 20
• SET	- 116
• CAT	- 8
• Bank Test (P.O/Clerk)	- 20
• Departmental Tests	- 42
• Public Service Commission	- 93

#### *Counselling services*

Details of Psycho social, Career guidance and Personal counselling services are provided in criterion II. Personal and academic counselling are rendered by the concerned Class tutor and Students' Welfare Dean.

#### *Career Guidance Cell*

The college has a Career Guidance Cell with a co-ordinator and two faculty as members. The Cell organises various guidance and motivation sessions and maintains a notice board for display of news paper calls of job opportunities and training programmes. Due to the remoteness of the institution very few employers are attracted for campus interviews. Still the software company, HCL

conducted a recruitment drive on 6<sup>th</sup> march 2009 in which 20 students of different discipline were selected viz eleven from B.Sc. Computer Science, five from B.Com. CA, three from B.Sc. Chemistry and one from B.Sc. FCS. In another programme a student from B.Sc. Computer Science got selection in WIPRO in the year 2010. CGC conducted a series of programmes on career opportunities for different disciplines, entrepreneurship for women and session on motivation and provided opportunity to interact with a women entrepreneur. Yes India Career Guidance Cell, Calicut and CIGI, Calicut also extended their expertise in this field.

***Programmes organised by CGC during 2011-12***

Sl. No	Programme
1	Why Career guidance?
2	Emotional empowerment for women
3	Peer leaders orientation programme
4	Career and higher education possibilities in Commerce
5	Cybernetics careers
6	Career choices in Family and Community Science
7	Personality development through theatre games
8	Career for women in armed forces
9	Career opportunities for English Majors
10	Career prospects in Maths- geometry and beyond
11	Entrepreneurship for women and interaction with women entrepreneurs
12	C-DIT programme on media courses
13	Civil services awareness

“Skill Enhancement Programme” carried out in collaboration with Kerala State IT Mission (KSITM) helps the student in the development of competency in computer fundamentals, communication, behaviour and inter personal skills which increase their employability.

***Student Grievance Redressal Cell***

The college has a Student’s Grievance Redressal Cell with a convener and five faculty as members. *The members for the year 2012-13:*

Convener : Dr. P.I. Radha

Members : Dr. C. Abdul Majeed; Dr. P. Zakir Ahamed; Dr. K. Azeez;  
Mrs. A.S. Anitha Begum; Dr. Jyothi P

The following are the incidents reported in last four years.

**1. Issue related to uniform**

- ❖ The college uniform introduced in the year 2012 invoked disapproval and displeasure among students. Students requested to exempt the final years from wearing uniforms.
- ❖ Complaints regarding the poor quality of the distributed uniform material, getting tattered and frayed too quickly.
- ❖ The design of the uniform material was also not well received by the students.

**Solution to uniform issue**

The committee realized the genuineness of the grievances raised by the students and the following measures were taken.

- ❖ Final year students were exempted from wearing the uniform as they are to leave the campus within a few months.
  - ❖ The tattered sets were collected and arrangements were made to see that new stitched uniforms were issued to those students by contacting the textile involved in the deal.
  - ❖ A consensus was reached to select a permanent college uniform for the upcoming years by consulting the students, PTA executives, Management and Staff.
2. As requested and suggested by the students it was decided to open the college library and the Network Resource Centre from 8:30 a.m. onwards on all working days.
  3. Following complaints on the quality and price of food in the canteen, an enquiry committee appointed by the Principal looked into the issue and eventually the contract was renewed with the provision for quality food at affordable price.
  4. As pointed out by the students, the number of fans in the class room has been increased and water coolers were installed in two blocks.
  5. As a solution to the water scarcity in the college hostel, two extra tanks of 1000 & 500 litres were setup to ensure steady supply of water.

**Issues pertaining to sexual harassment**

The institution has a committee headed by the Principal for handling issues on sexual harassment. A subcommittee of the above conducts preliminary investigations and submit the report to the full committee. Based on the report Principal and Management will take necessary actions as per University, State Government and UGC rules.

*Committee Constitution:*

Convener :Dr. C Saidalavi, Principal

Members : Mrs. A.S. Anitha Begum ; Dr. Jyothi P ; Dr. K Azeez;

Dr. C. Abdul Majeed; Dr. P. Zakir Ahamed

No incidents have been reported so far.

***Anti-ragging Cell***

The college has an Anti-ragging Cell headed by the Principal. The committee conducts separate awareness class on anti-ragging to both the freshers and the senior students at the beginning of every academic year, just before the commencement of classes. The committee constitute a squad to be vigilant in tracking such matters. The college website also has a link on 'anti ragging' to warn the students of the consequences of ragging. With these precautionary measures, no incidents have been reported so far.

***The welfare schemes made available to students by the institution***

- ❖ The College has a Dean for Student Welfare who looks in to the well-being of the students.
- ❖ Student Aid Fund (SAF) collected from students at the time of admission and from staff every month is disbursed to the needy students based on the recommendation from the Class tutor.
- ❖ A portion of the SAF fund is utilised to offer free transport to the students in the college bus and to meet the expenses of students hospitalised at times of emergency.
- ❖ Anonymous well-wishers from the Management also provide financial aid to economically weak students.

***Alumni Association***

- ❖ Alumni Association of the college named 'Unity College Alumni Association' (UCAA) meet annually to share experience. It serves as a common platform for the former students to keep rapport with the Institution and to ensure their participation in the overall development of the Alma mater. It is a daylong session with a general meet in the morning followed by lunch and department - wise meet in the afternoon.
- ❖ In 2011 – 2012, in an attempt to ban plastic, UCAA conducted a one day workshop on paper bag making, exploiting the expertise of Assert Training institute, Nilambur and Kudumbashree Unit of Arcacode Panchayath on 23<sup>rd</sup> February 2012. A total of 150 students benefitted from the event. The move also promoted the link between community and students.

- ❖ UCAA has proposed to organise cultural fests, institute proficiency prizes in the name of Alumni, arrange workshops/academic sessions by using old students resource.
- ❖ Alumni members engage various motivating sessions for the existing students.
- ❖ Alumni of Family and Community Science conducted a workshop on 'Waste to Wealth', Nurturing creativity through production of handicrafts from waste and discarded materials.

## 5.2. Student Progression

The percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression	%
UG to PG	49
PG to M.Phil.	20
PG to Ph.D.	10
Employed	
• Campus selection	2
• Other than campus recruitment	58

### Programme wise pass percentage

Sl. No.	Programme	Pass percentage			
		2008-'09	2009-'10	2010-'11	2011-'12
1	B.Sc. Computer science	100	74	100	96
2	B.Sc. Chemistry	97	91	92	84
3	B.Sc. Botany	96 <i>with I rank</i>	95 <i>with I rank</i>	92 <i>with III rank</i>	96
4	B.Sc. FCS	100	89 <i>with III rank</i>	92 <i>with I &amp; III ranks</i>	82
5	B.A. English	96	91	94	85
6	B.A. History	96	94	100	87
7	B.Com. Cooperation	76	83	76	92
8	B.Com. Computer Application	92 <i>with I, II &amp; III ranks</i>	60 <i>with I, II &amp; III ranks</i>	97 <i>with III &amp; III ranks</i>	95
9	M.A. English	100	100	91	100

*Completion rate for the last four years*

Sl. No.	Programme	Completion Rate (%)			
		2008-'09	2009-'10	2010-'11	2011-'12
1	B.Sc. Computer science	70	94	94	75
2	B.Sc. Chemistry	92	89	69	60
3	B.Sc. Botany	80.5	61	67	72
4	B.Sc. FCS	61	50	67	47
5	B.A. English	75	88	83	65
6	B.A. History	65	80	63	78
7	B.Com. Cooperation	85	75	95	95
8	B.Com. Computer Application	83	83	97	70
9	M.A. English	75	92	83	92

*Student Progression to higher level of education/employment*

The college has Career Guidance Cell to provide higher education details and a placements cell to help and guide students for finding jobs.

*Support to students who are at risk of failure and drop out*

Providing extra classes for the low performers and also to those students who couldn't attend the regular classes. Arranging motivation & counselling classes.

**5.3. Student Participation and Activities**

*Range of sports, games, cultural and other extracurricular activities available to students*

Annual Athletic Meet is conducted every year during the month of January to identify the talents. Special attention is paid to Table Tennis and Badminton (Shuttle and Ball). Competitions in Cultural activities is conducted during the three days Fine Arts Fest. Dance (Thiruvathirakali, Oppana, Bharathanatyam, Mohiniyattam), Drama (English, Hindi and Malayalam), Tableau, Mime, Light Music, Mappilappattu, Group Song (western and eastern) etc. are some of the items in which competitions are held. Competitions in off stage events like versification, elocution, essay writing (English, Malayalam, Hindi, Arabic, Sanskrit, Urdu), painting, poster making, collage, quiz, cartoon drawing etc. are also conducted. Winners of the college level are selected for participation in zonal level and inter zonal level within the University. Inter zone winners are awarded grace points.

*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.*

Sl. No.	Event	Prize Secured
<b>2008-2009</b>		
	<b>C-Zone</b>	
1	Drama Malayalam	II
2	Mappilappattu	II
3	Group Song Western	III
4	Tamil story writing	I
5	Urdu Versification	II
6	Elocution Hindi	II
7	Elocution Urdu	III
<b>2009-2010</b>		
	<b>C-Zone(III Place)</b>	
1	Drama Hindi	I & Best Actress (Ajisha CK BSc Botany)
2	Drama Malayalam	I& Best actress (Nada BA English)
3	Group Dance	II
4	Oppana	II
5	Tableau	II
6	Mappilappattu	III
7	Drama English	III & Best Actress (Akhila BA English)
8	Group Song Western	III
9	Collage	I (Thafseena III BA English)
10	English story writing	I (Rashidha Farsath III BCom CA)
11	Embroidery	II (Ummufascela III BSc FCS)
12	Malayalam Versification	II(Thasneem Fathima II BCom CA)

13	Hindi Story writing	III (Rashidha Farsath III BCom CA)
14	Arabic versification	III (Jusna Fairouz I BSc Botany)
<b>Inter zone</b>		
1	Tableau	III
2	Drama Malayalam	III
<b>2010-2011</b>		
<b>C-Zone (IV Place)</b>		
1	Group Dance	I
2	Drama English	II
3	Drama Hindi	II & Best Actress (Ajisha CK BScBotany)
4	Skit	II
5	Mime	III
6	Mappilappattu	III
7	Group Song Western	III
8	Malayalam Versification	I (Husna T BA History)
9	Embroidery	I (Ummusalma BSc FCS)
10		II (Raheema mol BSc FCS)
11	Cartoon Drawing	II( Sasna PM BSc Chemistry)
<b>Inter zone</b>		
1	Malayalam Versification	I I (Husna T BA History)
2	Embroidery	II (Ummusalma BSc FCS)
3	Cartoon Drawing	III (Sasna PM BSc Chemistry)
<b>2011-2012</b>		
<b>C-Zone</b>		
1	English Elocution	I ( Shima)
2	Tamil Verification	II (Sameena)
3	English Essay Writing	III (Ashikha)
4	Drama Hindi	I & Best Actress (Lismaria Sebastian )

5	Group Dance	
6	Drama English	II & Best actress (Athira R Chandran)
7	Drama Malayalam	II
8	Oppana	II
9	Group Song (Western)	III
<b>Inter Zone</b>		
1	Drama English	III

Sl. No.	Date	Name & Class of student	Place Secured	Competition
1	2012-2013	Seethalakshmi – IISemester Botany Sithara –II Semester Botany	III	Gandhiji Memorial Quiz
2	09-03-2013	Seethalakshmi – II Semester Botany	II	State level online quiz, PROFCON, Malappuram
3	23-01-2013	Seethalakshmi – II Semester Botany Sithara - II Semester Botany	II	District Level "Election Quiz" on voter day at Collectorate, Malappuram

*Special achievements in Sports*

Sl. No	Name of the Player	Name of the Tournament	Level of Tournament	Year	Discipline	Place Won
1	Aparna Balan	Inter national Badminton	International	2009-10	Badminton (Shuttle)	Participated
2	Aparna Balan	All India University	National	2009-10	Badminton (Shuttle)	Participated
3	Minumol VP	All India University	National	2007-08	Badminton (Shuttle)	Winner

4	Saniya Jasmin	Women Nationals	National	2006-07	Badminton (Shuttle)	Participated
5	Binciya Modatheeri	Women Nationals	National	2006-07	Badminton (Shuttle)	Participated
6	Minumol VP	All India University	South Zone	2008-09	Badminton (Shuttle)	Participated
7	Naseeba VP	State PYKKA Tournaments	State	2011-12	Table Tennis	Third
8	Khajla Ummer PP	Inter district Tournaments	State	2011-12	Ball Badminton	Participated
9	Rasna PK	Inter district Tournaments	State	2011-12	Ball Badminton	Participated
10	Binciya Modatheeri	Inter district Tournaments	State	2008-09	Badminton (Shuttle)	Participated
11	Minumol VP	Inter district Tournaments	State	2008-09	Badminton (Shuttle)	Participated
12	Saniya Jasmin	Inter district Tournaments	State	2006-07	Badminton (Shuttle)	Participated
13	Binciya Modatheeri	Inter district Tournaments	State	2006-07	Badminton (Shuttle)	Participated
14	Naseefa AK	Inter district Tournaments	State	2006-07	Table Tennis	Participated
15	Saniya Jasmin	Inter district Tournaments	State	2006-07	Cricket	Participated

16	Aparna Balan	Inter Collegiate	University	2009-10	Badminton (Shuttle)	Second
17	Minumol VP	Inter Collegiate	University	2009-10	Badminton (Shuttle)	Second
18	Binciya Modatheeri	Inter Collegiate	University	2008-09	Badminton (Shuttle)	First
19	Minumol VP	Inter Collegiate	University	2008-09	Badminton (Shuttle)	First
20	Nasceba VP	Inter Collegiate	University	2008-09	Table Tennis	Fourth
21	Binciya Modatheeri	Inter Collegiate	University	2007-08	Badminton (Shuttle)	Third
22	Minumol VP	Inter Collegiate	University	2007-08	Badminton (Shuttle)	Third

***Use of data and feedback from its graduates and employers to improve the performance and quality of the institutional provisions***

Feedback from alumni members collected during alumni meets are compiled and discussed in Department Council and relevant ones are communicated in the Staff Council meet. The suggestion are considered while applications are submitted to the Government to start new programmes.

***Encouraging students to publish materials like catalogues, wall magazines, college magazine, and other material***

The institution provides funds, technical support and assign staff for monitoring the works.

*Publications/ materials brought out by the students during the previous four academic sessions*

Sl. No.	Title of Publication/ material	Year	Publisher
1	Skeleton of epochs (Annual magazine)	2011-12	KAHM Unity Women's College
2	Sixes beyond the boundaries (Annual magazine)	2010-11	KAHM Unity Women's College
3	Yo (Annual magazine)	2009-10	KAHM Unity Women's College
4	Paccha (Annual magazine)	2008-09	KAHM Unity Women's College
5	Parayan backi vechath (dept. magazine)	2012-13	Department of Commerce
6	Al marjan (dept. magazine)	2012-13	Department of Arabic
7	Zeintguist (dept. magazine)	2011-12	Department of History

***Student Council***

The College has a student council consisting of Chair person, Vice- chair person, General Secretary, Joint Secretary, Fine arts secretary, General captain, two University Union Councillors, representatives for each year of UG and PG and Association secretaries of different discipline. They are elected in a parliamentary model by all the enrolled students of the college. The Council chalks out the activities in consultation with the Staff Advisor to the students union. The fund collected from the students at the time of admission forms the main source of fund for their activities. In the event of deficit, additional fund is raised from PTA, Management and through collection from well-wishers. The General Secretary to the college union is responsible for keeping the accounts. Fine arts secretary is given the charge of identifying the talents and co-ordinating the cultural activities. General Captain with the support of physical education trainer organizes the Annual Athletic Meet and encourages participation of students in sports and games outside the institution at different levels.

***Academic and administrative bodies that have student representatives***

Library advisory committee, College magazine editorial board, Student feedback committee, Canteen committee etc. The newly constituted IQAC has included the Chairperson and General Secretary to the College Union as members.



*Cultural events*



*C-zone competition*



*Students' union - Oath taking*



*Athletic meet*



*Inter collegiate Ball badminton Championship*



### ***Collaboration with the Alumni and former faculty***

The College has an alumni association (UCAA) constituted to serve a common platform for the former students to establish warm relationship with the Institution and to ensure their participation in the overall development of the Alma Mater. Involvement of all former faculty members is ensured during alumni meets and other important events convened by the college.

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

### **6.1 Institutional Vision and Leadership**

#### ***Vision***

- ❖ Building an egalitarian society through women empowerment

#### ***Mission***

- ❖ Providing the best in education
- ❖ Inculcating human values
- ❖ Developing leadership qualities
- ❖ Fostering unflinching patriotism

The college aims to educate the socially and educationally backward section of the society and uplift the community from the darkness of inequality in all walks of life. The historical backwardness of the region has impacted women the most and it is the duty of this institution to raise the social level of this section of the society. This can be achieved only by imparting better education.

The national educational policy gives special emphasis on women education with particular stress to the districts where there is minority concentration. It is with this perspective this women's college was established in the year 1991 in the heartland of minority concentrated zone of the state of Kerala. The achievements made during the last two decades have proved that our institution has been successful in realising our aims and missions. The Management and Staff are committed to make this institution one of the best educational destinations of the State.

#### ***Role of top management, Principal and Faculty in design and implementation of its quality policy and plans***

The management is always keen and vigilant in striving for the fulfillment of its quality policy right from the selection of the faculty, supporting staff and infrastructural development and timely renovation and maintenance of those facilities. It is the policy of the management to make use of every

opportunity to improve the quality of the faculty from time to time. It is the policy of this institution to arrange all the needed facilities to the students.

Several committees with staff, students and parent representatives like College Council, Student Council, Students' Grievance Redressal Cell, Internal Quality Assurance Cell, UGC project cell, Library Committee, Canteen Committee, Anti-ragging Cell, Admission Committee, Sexual Harassment Cell, Transportation Committee, Career Guidance Cell etc. are constituted. The performance of these committees are evaluated and reviewed periodically. All the faculty members are associated with these committees in one way or other and actively discharge their role in planning and promoting the quality policy of the institution.

***Involvement of the leadership in ensuring***

- ***The policy statements and action plans for fulfillment of the stated mission:***

The Management Committee frames its policy statements in consultation with renowned educationalists and academics of the Affiliated University and reputed institutions such as Indian Institute of Management, Calicut and various Universities of South India. The Committee makes periodic reviews of the policies in its regular meetings. The annual plan of the institution is usually prepared at the beginning of every academic year keeping in mind the mission of the institution and special attention is given in this regard in the annual financial budget

- ***Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan :***

The management of the institution chalks out academic and infrastructural action plan for various developmental programmes. Proposals as per plan are submitted to the University as well as the various funding agencies.

The institution has a number of Sub Committees to look after and manage the various academic, co-curricular and extra-curricular activities, in the single or multi-member format. Semester wise academic plans are drafted for each subject. The functioning of these Sub Committees is closely monitored by the College Council and Managing Committee.

- ***Interaction with stakeholders:***

Frequent meetings of the Management with Head of the institution, members of teaching faculty, supporting staff, students' representatives and parents are held to discuss and define the duties and responsibilities of the stakeholders. The meeting of PTA is held at least once in a semester to appraise the parents about the performance of their wards and make their involvement and participation in the developmental activities of the institution. Problems of students are discussed in the students' council

convened by the Principal as and when required. Management representation is also ensured in the meetings on a need basis.

- ***Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders :***

The policy of the management is to decentralize the authority and responsibility to its esteemed teaching and non-teaching staff. Periodic review of the effective functioning of various segments is done and the results are shared with stakeholders. Due consideration is given to the perceptions of the stakeholders emerged from consultations and interactions.

- ***Reinforcing the culture of excellence:***

The leadership of the institution show strong commitment to incorporate the culture of excellence by providing technical support to the teaching and administrative staff for improving their efficiency in discharging responsibilities. To evaluate the performance, monitoring meetings are also held periodically. Special achievers like University Rank holders, Class toppers and Winners in University sports and athletic meets are honoured by giving awards and prizes.

- ***Champion organizational change:***

The organization has the practice of the division of the administrative work among the staff based on their talent and aptitude.

***Procedures adopted by the institution to monitor and evaluate policies and plans of the institution***

The Management committee holds its meetings regularly to review its policies and plans and take corrective steps whenever the policies are found erroneous to accomplish its goals and objectives. An efficient feedback system is at work to identify lacunae in the implementation of the policies.

***Academic leadership provided to the faculty by the top management***

The Management takes initiative in inducting its faculty members to the various academic bodies of the State and University. **Dr. I.P. Abdul Razak, Head of the Department of Zoology served as Research Officer of the Kerala State Higher Education Council from 16.12.2011 to 15.12.2012.**

The following faculty members were elected /nominated to the Senate, academic council and board of studies of the University of Calicut.

Sl. No.	Name of Faculty	Department	Position held	Period
1	Dr. P Mohamed	Former Principal	Academic Council & Syndicate Member	2008-10

2	Dr. P.K Babu	English	Faculty in Language and Literature	2012-13
3	Dr. I.P Abdul Razak	Zoology	UGBoard Member University of Calicut	2010-13
4	Dr. C Abdul Majeed	Commerce	UGBoard Member University of Calicut	2008-09
5	Dr. C Abdul Salam	Botany	UGBoard Member University of Calicut	2010-11
6	Dr. K. Azeez	Botany	UGBoard Member University of Calicut	2008-11
7	Dr. A.C Meera Devi	Hindi	Faculty in Language and Literature; UG Board Member University of Calicut	2010-11
8	Mrs. A.S Anitha Begum	Home Science	UGBoard Member University of Calicut	2010-11
9	Mr. Rahib B	Computer Science	UGBoard Member University of Calicut	2010-13
10	Dr. P.Jyothi	Chemistry	UGBoard Member University of Calicut	2008-10
11	Dr. Annie Ninan	Home Science	UGBoard Member University of Kannur	2010-13
12	Mrs. N.V. Fathimathu Zuhra	Home Science	UGBoard Member University of Kannur	2010-13

#### ***Grooming leadership at various levels***

All the departments are working under the leadership of departmental Heads. The faculty members are also given additional charges of important activities like NSS, NCC, Research Cell, IQAC, Students Union, Fine Arts, Film Club, PTA, Tourism Club, Nature Club, UGC Projects, Co-operative Store, Career Guidance Cell, Women Cell etc. on a rotation basis.

#### ***Operational autonomy to the departments***

It is the policy of the institution to grant autonomy to the departments in designing their own teaching and evaluation strategies and to plan and conduct desirable programmes like seminars and workshops for enriching the students and staff in the latest developments in their discipline.

#### ***Participative management***

The institution has a strong system of consultation with the various stakeholders while taking important policy and operational decisions. Two of our former Principals, Dr T.K Pakruttu and Prof. P.N Abdurahiman, are inducted to the Governing Body of the institution. The Principal is an Ex-officio member of the Governing body.

### **6.2 Strategy Development and Deployment**

#### ***Quality policy of the institution***

The quality policy of the institution is in line with the national objectives regarding women empowerment and minority enhancement. The policy was developed studying the socio economic backwardness of the region and the mission necessary to correct the imbalance regarding the backwardness of the women and minority. The policy is driven by a vision to transform the society with a view to make it a happening place for the future generations. The systemic evaluations which incorporate all stake holders is a tool employed to evaluate the quality policy.

#### ***Perspective plan for development***

It is the aim of the institution to get accredited by NAAC with 'A' grade by 2020 with 15 under graduate and 7 post graduate programmes having all modern infrastructure facilities-fully digitalized library, indoor stadium, separate blocks for science, humanities and commerce, extension of accommodation for staff and residential facility for students.

#### ***Internal organizational structure and decision making processes***

The college is run by a registered trust, Muslim Educational & Cultural Association (MECA). The following is the structure of the Governing body:

Sl.No.	Name	Office
1	Syed Munavvarali Shihab Thangal	President
2	Korambayil Mohammed Haji	Vice- President
3	Adv. U.A.Latheef	General Secretary
4	P.Mohammed alias Nani	Joint Secretary
5	Dr.T.K.Pakrutty, Principal (Rtd.)	Treasurer
6	Abdul Ali.O, Engineer (Rtd.)	Manager
7	M.P.M.Ishaque Kurikkal, Ex-MLA	Member
8	M.P.M.Abdul Hameed Kurikkal	Member
9	N.T.Abdul Hakeem	Member
10	Dr.K.Mohammedali	Member
11	Prof.P.N.Abdurahiman, Principal (Rtd.)	Member
12	Dr.C.Saidalavi	Principal and Ex-officio-Member

Regular meetings are held by this Governing body and decisions are taken on the basis of democratic principles. Besides, the College staff council with Principal as President, all Heads of department and 2 elected teachers as members take administrative and academic decisions in its periodic meetings. Further, department related matters are discussed and decisions taken in the respective department council. The suggestions of the College, Department Councils and IQAC are considered by the Governing body while taking decisions.

#### ***Quality improvement strategies of the institution***

- **Teaching & Learning:** Modern and sophisticated ICT devices such as Laptops, LCD Projectors, LAN connection, WiFi connection, Smart boards etc are made available to the faculty so as to improve the quality of teaching and learning process. The faculty members are also motivated to participate in various quality improvement and skill development programmes organised by the institution and elsewhere.
- **Research & Development:** The institution has adopted a strategy of promoting research culture among the staff and students. A total of 12 Faculty members of various departments have availed the facility of Faculty Improvement/Development Programme of the UGC for the completion of their M.Phil /PhD programme during the last three plan periods. It is worthwhile to mention that four of our faculty have completed their Ph.D. programme without availing the FDP, as part time scholars. The college is also very liberal in permitting faculty members in undertaking Research Projects funded by various agencies.
- **Community engagement:** The management provides full support in extending the service of the institution to the community at large. There are two units of

National Service Scheme efficiently functioning by undertaking community development programmes in collaboration with agencies like Pain & Palliative Care Unit-Manjeri, Jaycees Club-Manjeri, Vyapari Vyavasayi Ekopana Samithi Manjeri unit and various Arts and sports clubs of the surrounding areas. The NCC Unit of the institution has 106 cadets.

- **Human resource management:** The strategy of the management is to select and recruit meritorious teachers and nonteaching staff. The Manager of the Governing body monitors the day to day activities of the institution. In addition to the normal orientation and refresher courses, both faculty members and administrative staff are motivated to attend and present papers in seminars, symposiums and workshops conducted by various institutions.
- **Industry interaction:** The college has tie ups with a few industrial and financial institutions. Some of the Departments especially Commerce send their students for 'On the Job Training and Internship programmes' every year.

***Role of institution in ensuring that adequate information is available for the top management***

In addition to the data collected through feedback forms from students by the IQAC, the Head of the Institution convenes meetings of various committees like Students Council, College Council, and PTA on a regular basis to gather feedback from various stakeholders and important matters are made available to the Governing body and stakeholders for their consideration. As a part of grievance redressal mechanism complaint and suggestion boxes are also installed at various points in the campus.

***Improvement of the effectiveness and efficiency of the staff***

The Management has the practice of discussing the policies and programmes at the time of their formulation and implementation. Suggestions and recommendations of the staff, students and parents are duly considered.

***Resolutions made by the Management Council in the last year and the status of implementation of such resolutions***

Details of Resolutions passed and status of implementation

Sl.No.	Date of meeting	Resolution	Status of implementation
1	09/05/2011	To solve the problem of drinking water Rainwater harvesting to be done.	Implemented
2	19/06/2011	Cut off marks for admission to management seats in B.A History and B.Sc. FCS was set as 60% and to all other programmes as 70%.	Implemented
3	02/07/2011	1. To call applications for the	Implemented

		<p>post of Assistant Professors in disciplines like English, Botany and Computer Science.</p> <p>2. To invite quotation for construction of new library block at an estimated cost of Rs. 75/- lakhs.</p> <p>3. To submit the plan for the construction of Indoor Stadium under UGC fund to the Municipality for according approval.</p> <p>4. To start the construction of toilet block and teachers apartments through building committee.</p>	<p>Implemented</p> <p>Implemented</p> <p>Implemented</p> <p>Implemented</p>
4	12/09/2011	<p>1. To apply to the University for Government sanction for three UG viz. B.Com. CA, B.Sc. Physics, and B.A. Functional Arabic and three P.G. programmes viz. M.Com, M.Sc. Chemistry and M.Sc.Home Science.</p> <p>2. To honour the rank holders of the University examinations of March 2011.</p>	<p>Implemented</p> <p>Implemented</p>
5	08/12/2011	To hold a joint meeting of Management, Staff and PTA executive with the agenda 'NAAC Reaccreditation of the college'.	Implemented
6	10/01/2012	To honour Dr. P.A. Ibrahim Haji, Chairman, PA Engineering College, Mangalore by presenting the "Best Edupreneur" award for 2011 for his contribution in the education sector.	Implemented
7	27/02/2012	Resolve to appoint the following	Implemented

		as Assistant Professors 1. Shabeer V - Physics 2. Muhammedali.P – English 3. Noushadali – Arabic 4. Dr.P.P. Abdul Haleem, U.Haris, Shihabul Haq- Computer Science 5. Dr. Azeez K Rejoined	
8	15/03/2012	1. Resolved to construct the indoor stadium with UGC sanctioned Rs.40 lakhs and contribution of Rs.20 lakhs by management.	Under implementation
9	12/05/2012	1. To start MSc Botany & MSc Chemistry programmes in self financing stream from the next academic year if Government sanction is not received for the same. 2. Request to Adv.Ummer M.L.A for release of Rs.5 Lakhs for purchase of Library Books.	Yet to implement  Implemented
10	23/06/2012	Uniform implementation	Implemented

***Provision to give autonomy status***

No provision to give autonomy status to institutions under the University of Calicut.

***Grievance Redressal Cell***

A Grievance Redressal Cell is functioning with Dr P I Radha, Head of the Department of Malayalam as convener and five Heads of Departments as members to look after the grievances and complaints. This cell meets on need basis to dispose the complaints.

***Court cases during the last four years***

There was a case filed by the parents of one of the final BA (English) student against the disciplinary action taken by the Head of the institution for her immoral behaviour. The case was settled outside the court through negotiation as per the request made by the petitioners.

### ***Student feedback on institutional performance***

Students' feedback is taken on annual basis on performance of the individual teaching and administrative staff as well as the problems in availing the facilities like library, hostel, women resource centre, internet, water supply, playground, conveyance facilities, canteen etc. Based on the feedback received the institution has taken many initiatives to resolve the above problems raised by the students.

### **6.3 Faculty Empowerment Strategies**

#### ***The professional development of teaching and non teaching staff***

The institution has deputed both teaching and nonteaching staff for various professional development programmes conducted by Universities and other institutions. The institution has also conducted a few programmes in this respect as noted below:

- ❖ Regional Workshop on 'Enhancing Class Room Effectiveness of College Teachers'
- ❖ Workshop on 'Grading'.
- ❖ A workshop on use of ICT tools for better teaching and learning process.
- ❖ Office automation workshop for Non-teaching staff.
- ❖ Workshop on power point preparation and presentation to teaching staff.

#### ***Faculty empowerment through training, retraining and motivating the employees***

The faculty members who are given charge of NSS, NCC, ED Club, Career Guidance Cell etc. are deputed to attend residential as well as non-residential training programmes. The Head of the Institution has attended various training and orientation programmes.

#### ***Performance appraisal***

The IQAC collects student feedback on individual teacher once in a year to identify the strengths and weaknesses. Further, a self-appraisal mechanism is also practiced for introspection. This provides an opportunity for individual teachers to identify their weak areas and try to improve their performance in the following year. The Head of Department is also directed to assess and evaluate all faculty members under him. There is also a practice of evaluating the performance of the staff members after completion of each programme and remedial measures are taken after review of their performance. This evaluation is used as the basis of assigning future tasks and responsibilities.

#### ***Outcome of the review of the performance appraisal reports***

Through the review of performance appraisal reports the management realizes the problems being faced by the staff in discharging their duties effectively. Many of the facilities provided by the management to the staff are the outcome of this feedback. The management decided to construct staff quarters for the benefit of long commuting faculty members and it is nearing completion. Sufficient space has been provided by the institution for the recreational and entertainment activities of the staff. ICT tools are made available to all the departments offering core courses in response to the demand raised by the teachers to enhance teaching and learning effectiveness.

The negative comments if any, raised by the students against the staff are seriously considered and timely brought to the notice of the concerned teachers for effecting necessary corrections.

#### ***Welfare schemes for teaching and non teaching staff***

A number of welfare measures have been taken to improve the wellbeing, satisfaction of the faculty and administrative staff. The management provides salary advance to the staff whenever there is delay in getting approval and salary. About 25% of the staff appointed in the last four years availed this facility. In many cases salary to the temporary and guest faculty has also been provided by the management. The management has also played its role as a financial supporter in cases of life threatening situation of its staff and their family. To meet the financial demands and crisis of the staff, a credit society is also formed by the staff which grants assistance in the form of interest free loan to the extent of Rs. 50,000/-. Almost 90% of the staff has availed this facility in the last four years. On many occasions the management as well as staff club came forward to financially support the adhoc staff such as Bus and Co-operative store staff.

#### ***Measures taken by the Institution for attracting and retaining eminent faculty***

The institution has developed a healthy and cohesive working atmosphere and culture so as to attract and retain eminent faculty reducing rate of turnover.

### **6.4 Financial Management and Resource Mobilization**

#### ***Institutional mechanism to monitor financial resources***

The Management committee closely monitors the income and expenditure. The manager, an engineer by profession with an experience of 23 years in the University of Calicut personally supervises all the infrastructural and developmental activities.

**Internal and external audit**

Internal audit was conducted upto 2011-12. External audit was conducted by the Dy. Director of Collegiate Education upto 31.5.2012 and by the Accountant General, Thiruvananthapuram upto 2008-09. No serious objections were noted.

**Major sources of institutional receipts**

The main sources of income are:

- Donation from individuals
- Rentals
- Income from college buses
- Sale of usufructs
- Grants from UGC and Government
- Funds from M.L.A welfare schemes

**Audited income & expenditure account for the last four years**

31<sup>st</sup> March, 2008

<b>Expenditure</b>	<b>Amount(Rs.)</b>	<b>Income</b>	<b>Amount(Rs.)</b>
To Callendar expense	10,215.00	By Callendar income	6,225.00
To Contigencies	7,280.00	To Ground work	160,000.00
To Electricity charges	141,720.00	To Internet	3,405.00
To Ground work expense	136,000.00	To Library	23,838.00
To Internet	7,131.00	To Miscellenious	298,448.00
To Library expense	20,676.00	To Old Student association	9,600.00
To Miscellanious expense	227,241.00	To Registration	39,344.00
To Postage advance	3,975.00	To Student Aid Fund	16,000.00
		To Sports	6,000.00
To Registration	8,844.00	To Union	67,509.00
To Telephone	62,965.00	To Lab	72,427.00
To Travelling Allowance	7,114.00	To UGC FIP	224,739.00
To Union	84,686.00	To Interest	2,574.00
To Lab expense	32,197.00	To Exam fee	4,173.00
To Exam	926.00		

To UGC FIP	7,000.00		
To Depreciation	161,963.93		
To Excess over income	4,348.07		
	<b>924,282.00</b>		<b>924,282.00</b>

**31<sup>st</sup> March, 2009**

<b>Expenditure</b>	<b>Amount(Rs.)</b>	<b>Income</b>	<b>Amount(Rs.)</b>
To Travelling Allowance	7,568.00	By Bank Interest	4,832.00
To Callender Expenses	13,500.00	By Library Income	26,916.00
To Contingencies	9,941.00	By Miscellaneous Income	396,499.00
To Electricity Charge	179,039.00	By Old Student Association	8,850.00
To Exam Expenses	1,368.00	By Telephone Income	1,589.00
To Internet Expenses	2,687.00	By Student Aid Fund	6,825.00
To Library Expenses	21,178.00	By Union Income	60,124.00
To Bank Charge	28.00	By postage advance	250.00
To Registration Expenses	24,996.00	By Exam fee	9,140.00
To Lab expenses	44,172.00	By Registration Receipts	45,566.00
To postage Expenses	4,517.00	By Lab Income	83,800.00
To Telephone Charge	24,618.00	By Internet receipts	1,451.00
To Union Expenses	46,536.00	By Interest on FD	25,000.00
To Miscellaneous Expenses	260,291.00	By Callendar Income	4,200.00
To Depreciation	8,989.00	By Profit on sale of Jeep.	6,214.66
To Surplus/(Deficit)	31,828.66		
	<b>681,256.66</b>		<b>681,256.66</b>

31<sup>st</sup> March, 2010

Expenditure	Amount(Rs.)	Income	Amount(Rs.)
To Travelling Allowance	6,880.00	By Bank Interest	16,681.00
To Contingencies	12,200.00	By Library Income	34,006.00
To Electricity Charge	117,966.00	By Miscellaneous Income	52,913.00
To Old students association	350.00	By Old students association	10,100.00
To Exam expenses	2,144.00	By Telephone Income	4,707.00
To Internet Expenses	4,234.00	By Student Aid Fund	8,075.00
To Library Expenses	20,205.00	By Union Income	149,525.00
To Registration Expenses	8,236.00	By Postage Advance	1,196.00
To Lab Expenses	34,232.00	By Exam Fee	16,480.00
To Postage Expenses	4,366.00	By Registration Receipts	59,361.00
To Telephone Charge	43,086.00	By Lab Income	81,000.00
To Union Expenses	148,699.00	By Interest on FD	5,206.00
To Miscellaneous Expenses	311,753.00	By Excess of Expenditure over Income	282,505.19
To Depreciation	7,404.19		
	<b>721,755.19</b>		<b>721,755.19</b>

31<sup>st</sup> March, 2011

Expenditure	Amount(Rs.)	Income	Amount(Rs.)
To Contingencies	10,481.00	By Examination receipts	1,870.00
To Electricity charges	123,348.00	By interest received	16,175.00
To Examination expenses	2,813.00	By Lab Income	98,150.00
To Internet Expenses	4,269.00	By Library Income	14,286.00
To Lab expenses	47,450.00	By Student Aid Fund	8,200.00
To Library expenses	20,282.00	By College Union	130,950.00

		receipts	
To Miscellaneous Expenses	202,313.00	By Miscellaneous Income	7,565.00
To postage Expenses	4,500.00	By Old Student association a/c	8,600.00
To Registration Expenses	13,439.00	By Registration receipts	64,893.00
To Travelling Allowances	10,405.00	By Interest Received (FD a/c)	20,450.00
To MECA Contribution	210,017.00		
To College Union Expenses	125,944.00		
To Telephone Charges	36,468.00		
To Bank Charges	99.00		
To Website expenses	3,000.00		
To Depreciation	91,077.44	By Excess of expenditure over Income	534,766.44
	<b>905,905.44</b>		<b>905,905.44</b>

#### ***Additional Funding***

The institution been trying to acquire additional funds from NRIs and has been successful in getting a reasonable amount as donation for the construction of Library building during the year 2012-13.

### **6.5 Internal Quality Assurance System (IQAS)**

#### ***Internal Quality Assurance Cell (IQAC)***

The institution has established an Internal Quality Assurance Cell on 1<sup>st</sup> October 2005. It has been instrumental in introducing quality parameters in different academic and administrative policies of the institution. To ensure commitment and timely coverage of the portions, the semester plan preparation and record of day – to – day teaching (teachers' diary) has been introduced and implemented. Periodic progress is also monitored. A close track on evaluation methods like seminar presentation, assignment submission, conduct of test papers along with attendance are conducted on time.

Formal individual feedback collected by IQAC, personal and informal feedbacks collected by departments and Principal contribute to the improvement

of teaching. Suggestion boxes kept at various points in the campus provides a means for inviting comments and suggestions from the students and other stake holders. These are taken into consideration for the effective functioning of different sections of the institution including IQAC.

24 decisions of the IQAC have been approved by the management for implementation and 20 were actually implemented. The newly constituted IQAC for 2013-14 has four faculty from different disciplines, Manager of the institution, two external members, Superintendent, one alumni and two students union members and a coordinator who is also a faculty.

#### ***IQAC structure 2012-13.***

Chairman: Dr C.Saidalavi, Principal

Members: 1. Dr. P.K.Babu, Associate Professor, and HoD English

2. Dr. C. Abdul Salam, Associate Professor, Botany

3. Dr. P. Zakir Ahmed, Associate Professor, Physical Education

4. Dr. Annie Ninan, Assistant Professor, Home Science

5. Mr. O. Abdul Ali, Manager, Governing body

Coordinator: Dr. K. Fousi, Associate Professor, Zoology

The student feedback obtained from suggestion boxes placed at various locations in the campus and inputs during the student council meet convened by the IQAC contribute to the effective functioning of the institution.

IQAC having its representation from five different departments, administrative section, external members, alumni and students, communication with stakeholders is facilitated to a great extent. All important recommendations and suggestions made in the IQAC meetings are executed collectively by the body. Further communication is achieved through staff council and general staff meets. E-mail is also used as a communication tool to connect to the desired stakeholders.

#### ***Framework for Quality assurance of the academic and administrative activities***

IQAC has been effective in creating the awareness that organizational development and sustenance is a collective effort where every single idea and contribution counts.

#### ***Staff training programme***

- Enhancing class room effectiveness of teachers: 24/02/2007
- Formation of college clusters and restructuring of UG Education in Kerala : 11/03/2008

- ICT enabled teaching I
- ICT enabled teaching II : 02-03-2012
- Office automation for Non teaching staff

The above training programmes

- ❖ acquainted the teachers with use of digital tools like LCD and make teaching – learning more effective and interesting.
- ❖ Prepare MS Power point presentation of the lessons.
- ❖ Use IT as a tool for acquiring recent knowledge and developments in different areas of study.
- ❖ Efficient time management in the coverage of portions in the hectic semester systems.
- ❖ Made teaching more interactive and student centric.

The training offered the nonteaching (clerical) staff helped to improve their efficiency and discharge their duties in a better organized way. It also reduced the time for information retrieval. Promoting staff participation in training and awareness programmes conducted by Universities and other institutions has also had a positive impact in the staff with regard to correspondence, systematic nature, better stakeholder relationship etc. The Superintendent, Head Accountant, clerks and representative from peon were given opportunity to visit reputed institutions and interact with the staff and get firsthand account of the smooth office functioning including filing .

#### ***Academic Audit***

Academic audit is done through semester plan, academic calendar periodic evaluation and final semester and end programme evaluation. Every possible measure is taken to adhere to the academic plan and semester plan prepared at the beginning of the year and semester. A close monitoring is also done at different levels like Head of the institution, IQAC, Head of the departments, etc. Special Department and Staff Council meets are arranged for result analysis and necessary modifications are introduced accordingly.

#### ***Alignment of internal quality assurance mechanisms with the requirements of the relevant external quality assurance agencies***

The activities of the institution are planned taking into account the quality parameters set by the external quality assurance agencies. The regulations serve as the route map towards excellence in academic and administrative affairs of a learning organization.

#### ***Mechanisms in place to continuously review the teaching learning process***

Teaching – learning process is reviewed through feedback from students collected by IQAC, Individual teacher, Departments and Principal. A copy of semester plan prepared by individual teachers are forwarded to the IQAC by the concerned Department head who closely monitors the progress of the plan. Corrective measures are adopted for the lacunae found. IQAC also keep track on the timely committed coverage of the lessons. The Department Council and Staff Council also reviews the teaching learning and adopt changes to achieve the goal. Besides this, the Head of the institution collects informal feedback from students.

#### ***Communication of quality assurance policies, mechanisms and outcomes***

Communication with students is attained through notices, announcements, poster displays, teachers especially class tutors and heads of departments, and institutional website. Staff is informed of the quality assurance policies by convening staff meetings, notices and mails. External stakeholders particularly parents are intimated through PTA Executive and general meetings and by post.

### **CRITERIA VII: INNOVATION AND BEST PRACTICES**

#### **7.1 Environment Consciousness**

##### ***Green Audit***

##### **▪ Campaigns**

The college has been organising a number of campaigns to raise the awareness of parents and students about the state of our environment and the need to safeguard the environmental sensitivity. Regular termly meets on environment specific themes are organised at the college. Water meet, Nature meet, Clean Air campaign and Towards Organic Farming are some of the meetings we had conducted in the last four years. These meets are organised on two formats: Department-wise sessions which are lead by specific departments like Botany, Zoology, English and Family and community Science, College-level meetings in which all departments chip in. Environment Awareness Campaign sponsored by MoEF, Govt. of India was organized by the department of Zoology from 3<sup>rd</sup> to 10<sup>th</sup> March 2008 and 28<sup>th</sup> January to 6<sup>th</sup> February 2009

- ***Electricity Consumption Audit:*** The college has put in place a mechanism to check the power consumption. We are watching the power consumption of different sections of the college and slowly making measures to bring it down. The following steps are taken to sensitize the students and staff to cut down on power use:

- We have already set up a central printing facility at the cooperative store so that all departments of the administrative block can avail the facility. The departmental printers are taken off. This helps, in small ways, to keep the power consumption under check. We are sure that this can slowly be spread to other sections too.
- The students are educated on economising on the use of power. Posters are fixed close to switch board with data on the use of power. The posters also try to develop a habit of austerity at home too.
- The college has authorised a number students from each department to spot power wastage and report it.
- *Parent & Community empowerment* : Since the said awareness regarding power consumption should spread among the people around, the college organised a couple of interactive sessions for parents and the neighbouring community. Leaflets and fliers are used as means to drive home the message. The college also has used the Green Club and NSS Volunteers to distribute the leaflets in and around the college.
- *Web page*: The college web site has devoted a separate page to campaign for this mission. The page has sufficient information about the means and ways of economizing the natural resources. The web page also provides excellent links to other web sites like [www.water.org](http://www.water.org) which provide vital awareness regarding Mission Green.

#### ***Initiatives taken by the college to make the campus eco-friendly***

The college has initiated the following moves to render the institution and its premises eco-friendly.

**Plastic free campaigns:** The NSS units of the college and Environment Awareness Campaigns have successfully driven the 'Plastic Free Campaign' at the campus. The college discourages the students from carrying plastic carry bags which are Eco-unfriendly. The highlights of the campaign include:

- **No flex banners:** The use of flex printed banners for various events like seminars, workshops and the like are strictly prohibited in the college. The organizers are sternly instructed to shift to cotton banners.
- **Jute carry bags** :Jute Carry Bags are provided to the staff and students of the college at a nominal cost. This step, globally recommended, helps stop the habit of collecting plastic bags while shopping.
- **Incinerators** :The Incinerator set up at the college and hostel is used to burn up sanitary napkins.
- **Segregated Bins for Waste Collection:** As all wastes can't be burned, the college also has colour coded waste segregation mechanism. The waste is

grouped into organic, paper, plastic, food etc and is asked to be deposited on these lines. This segregation helps a lot in recycling waste.

### ***Bio gas Plant***

A bio gas plant is set up at the college hostel to recycle the food, meat, fish and vegetable waste at the hostel and canteen. The system also ensures a decent quantity of cooking gas to the hostel kitchen. 10 kgs of waste could be creatively recycled in this way. It is also important step towards reducing the use of LPG gas. It need not be asserted that the waste management made possible by the system is equally important.

### **\* *Energy conservation :***

Appliances Usage is an important area where intervention is necessary to save power and conserve energy. If the usage of Kitchen Appliances and Consumer Electronics goods can be rationalised, it can be good step forward in preserving energy. The college has consistently tried to raise the levels of awareness among the staff and students in this direction. Save energy sessions and poster displays are regularly employed to further this end.

- ***Green architecture :*** The college is slowly moving towards what is known as green architecture. The new library building is an instance for this awareness. The construction is done in such a way that free flow of natural light and air are ensured. The shape, size and position of the windows are made in such a way. Consequently the power consumption is brought down in the library block.
- ***Employee Transportation:*** The college also has tried to intervene positively in the employee transportation. The staff are allowed to use the college bus , thereby reducing the use of private vehicles. The college also provides inputs in the form of classes and fliers on energy-friendly driving by the staff. These fliers educate the drivers on various strategies they can follow to save fuel.
- ***Saving water:*** An equally important task is educating the students and staff on ways to save, recycle and reuse precious water resources both inside and outside the office. The college has tried to develop behaviour that will allow facilitate the reduction of water consumption day in and day out whether at office or elsewhere. This includes tips on the use of water faucets and showerheads

- \* ***Use of renewable energy:*** solar panels have been set in the college hostel with the technical assistance and subsidy from ANERT. The panel used to light the hostel will definitely cut short the electricity consumption. It will also awaken

the students on the needs of reducing the use of nonrenewable sources of energy causing lesser damage to nature contributing to sustainable development.

- \* **Water Harvesting :** A huge step forward for the college in championing the cause of nature is the construction of a water tank to collect rain water. Rain water harvesting in tank with above 8.5 lakh litres capacity is the college's biggest claim to eco-friendliness.

The college has constructed a rain water harvesting programme with a storage capacity of around 8 and a half lakh liters. The project was completed with the fund generated by the Management and the PTA of the college. This is a watershed project considering the fact that area has been suffering water shortage for long.

- \* **Check dam construction :** No check dam. However, when the uneven terrain of the campus was levelled for play ground construction, the surface run off was prevented. It also resulted in improving the water table.
- \* **Efforts on carbon neutrality :** The college has initiated a number of measures to ensure carbon neutrality. The process is taking wings and we are sure that the results will be evident in the next couple of years. It can be achieved by increasing energy efficiency and improving energy conservation, as well as by using renewable energy.

The efforts are to

- ✓ Reduce water consumption
- ✓ Reduce power consumption
- \* **Increase greening programmes :** as part of 'Maram oru Varam' programme , NSS units planted around 50 saplings in the campus in three consecutive years to improve the carbon sink within the campus. The same is also advocated to the community around during NSS Special camps and the like.
- \* **Plantation**

**Customised -Terraced rubber plantations:** The rubber plantation in the campus is customised to a terraced pattern and it helps improve the soil conservation and water retention.

When the college shifted to its current location from the temporary shed, this was a bare hillock with not a single tree to talk of. The greenery which we witness around the college is the result of the combined effort of the students, staff and the management. National Service Scheme (NSS), Nature club, the neighboring community have joined forces in making this happen. An area of 5 acres has been cultivated with rubber plant. Horticultural cultivation too is in progress seasonally

as an extension activity. The department of Botany combines with the neighbours for the project. Banana, tapioca, bitter gourd etc are planted under this scheme in the college.

- \* **Hazardous waste management:** The main outlet for hazardous waste in the campus is the chemistry laboratory. Separate fume cupboard is set in the laboratory and a separate septic tank to prevent leaching of acids, harmful agents and chemicals.
- \* **e-waste management:** There is no consensus or general agreement between the college and the hardware supplying company for taking back the hardware parts after its usage or when it is damaged. So the college has taken its own initiative in management of e-wastes like, monitors & CRTs, keyboards, laptops, modems, telephone boards, hard drives, floppy drives, compact discs, mobiles, fax machines, printers, CPUs, memory chips, printed circuit boards, toner & cartridges, hard drives, connecting wires & cables. This includes:
  - buying only eco friendly electronic devices.
  - making a consensus with the companies or suppliers of units for the management of e-wastes before buying the hardware parts.
  - reusing the electronic hardware parts as much as possible.
  - carefully separating harmless plastics parts like wires, cables, metals, glasses, etc from the e-wastes and selling out to local recycling units & plastic markets to generate funds for managing of remaining harmful parts.
  - keeping separately & safely the harmful parts like circuit boards, leads, batteries in an isolated dumping room in the campus to avoid pollution.

## 7.2 Innovations

*Details of innovations introduced during the last four years which have created a positive impact on the functioning of the college*

### ❖ Author quest

The postgraduate department of English has introduced a novel quiz format three years back at the college. Named 'Author Quest', the programme is a literary quiz which focuses on separate authors for separate contestants. The programme has immensely improved the reading and research of the teachers, to begin with. Each teacher is assigned 4 authors each year and they have to prepare 100 quality questions on each author, making sure that easy, ready to use quiz questions are not cut from the internet. Hence, a huge amount of research is conducted by the ten members of the staff put together. Moreover, the student contestants have to zero in on a single writer and dig deep in preparation.