

*Re-Accreditation Report*

*Submitted to*

*National Assessment and Accreditation Council (NAAC)*



*The Zamorin's Guruvayurappan College*

*Kozhikode – 673 014.*

*Kerala*

*2016*

## **Preface**

The Zamorin's Guruvayurappan College, Kozhikode is one of the oldest institutions in Kerala which has been imparting quality education to generations of students since 1877. This year we go in for re-accreditation, having completed five years after our second accreditation in 2011. We have already submitted the quantitative data of our RAR in the electronic format. This volume contains the consolidation of the AQAR which includes the evaluative report under the seven criteria of NAAC along with inputs from the departments.

We have prepared the AQAR with the whole hearted involvement of every member of the institution. We have filed the concerned documents under the seven criteria for the perusal of the peer team on their visit. The whole process has been very enriching and enlightening, enabling us to identify our strengths and weaknesses thoroughly. We would like to place on record our gratitude to NAAC for preparing a meticulous criterion-wise questionnaire which has helped us in understanding our potential and recording our achievements. The ensuing years will see us continuing our efforts towards excellence in education.



## **OUR MISSION**

Our central mission is to provide sufficient nourishment to an individual through the right combination of environmental setting and quality service in order to rise towards excellence which calls for individual efforts.

### **Goal**

The goal of our college is to help the students achieve academic excellence and play the role of socially responsible individuals by inculcating social values. All our efforts are directed towards the achievement of this goal

### **Objectives**

1. To equip the students with the ability to earn their livelihood.
2. To develop a sense of social responsibility among students.
3. To develop social skills and inculcate values like co-operation, team spirit, discipline, fair play, and so on through extracurricular activities.
4. To transmit social heritage through various organizational units.
5. To create a conducive environment in promoting individual qualities such as personal initiatives, accurate thinking, positive attitude, determination, the tenacity to achieve goals, and the overall personality development of the student.
6. To educate the students to respect and to earn respect.
7. To ensure equity in access to education

### **Profile of the affiliated / Constituent College**

1. Name and Address of the College

Name	The Zamorin's Guruvayurappan College	
Address	P.O. Guruvayurappan College	
City: Calicut	Pin: 673014	State: Kerala
Website	www.zgcollege.org	

2. For Communication:

Designation	Name	Telephone with STD Code	Mobile/Fax	Email
Principal	Dr.Ramachandran .T	O:0495-2331046 R: 0495-2355399	9447424599 / 95495-2331046	ramachandranzgc@gmail.com
Vice Principal	NA			
Steering Committee Co-Ordinator	Dr.Prabha.P.K	R: 0495 2432496	9447132496	pkpzgc@gmail.com

3. Status of the Institution:

Affiliated College: ✓

Constituent College:

Any Other (Specify):

4. Type of the Institution:

a. By Gender

i.For Men:

ii.For Women:

iii. Co-education: ✓

b. By Shift

i.Regular: ✓

ii.Day:

iii.Evening:

5. It is a recognized minority institution? NO

6. Source of funding:

Government:

Grant-in-aid: ✓

Self-financing:

7. a. Date of establishment of the college: **01-06-1877**

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

c. Details of UGC recognition:

Under Section	Date, Month& Year	Remarks
i. 2 (f)	1956	College has been receiving UGC funds since 1960-61 onwards. (Ref UGC letter No: F.37-320/59(CUP) dated 8 <sup>th</sup> July 1960). The college is included in the list of recognised colleges exhibited in the UGC website.
ii. 12 (B)	1956	

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) :

Not Applicable

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

No

9. Is the college recognized

a. by UGC as a College with Potential for Excellence (CPE)? No

b. for its performance by any other governmental agency? No

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

Location	Urban
Campus area in sq.mts	372310 sq.mts (92 acres)
Built up area in sq.mts	7861.76 sq.mtrs

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

1.	Auditorium/seminar complex with infrastructural facilities	✓
2	Sports facilities	
	*Playground	✓
	* Swimming Pool	
	* Gymnasium	✓
3	Hostel	
	*Boys Hostel	-
	*Girls' Hostel	✓
	i Number of hostels	3
	ii Number of inmates	249
	iii Facilities ( Mess hall, Study hall, Small play ground, Pad vending machine, Pad disposing machine)	✓
	*Working Women's hostel	-
	*Residential facilities for teaching and non teaching staff	✓
	Teaching Staff (Principal-1,Dy.Warden-1, Others in Hostel)	✓
	Non-Teaching Staff( 4)	✓
4	Cafeteria	✓
5	Health Centre	✓
	* First aid, Emergency Care facility	✓
	Health centre staff	
	▪ Qualified doctor Full time Part-time ✓	
	▪ Qualified Nurse Full time Part-time ✓	
6	Facilities like banking, post office, book shops	✓
7	Transport facilities to cater to the needs of students and staff	-
8	Animal house	✓
9	Biological waste disposal	✓
10	Generator or other facility for management/ regulation of electricity and voltage	✓
11	Solid waste management facility	✓
12	Waste water management	✓
13	Water harvesting	✓

## 12. Details of Programmes offered by the College

Sl.No	Programme level	Name of the Programme	Duration	Entry Qualification	Medium of instruction	Sanctioned /approved student strength	No of students admitted
1	Under Graduate	English	3 Years	+2/PUC	English	40	40
		Malayalam/Sociology	„	„	„	60	60
		Hindi/History	„	„	„	36	36
		History	„	„	„	60	60
		Economics	„	„	„	60	60
		Bcom	„	„	„	60	60

		BBA	„	„	„	40	40
		Mathematics	„	„	„	48	48
		Physics	„	„	„	48	48
		Chemistry	„	„	„	48	48
		Botany	„	„	„	32	32
		Zoology	„	„	„	32	32
2	Post Graduate	English	2 Years	UG-45%	„	20	20
		Malayalam	„	„	„	20	20
		Economics	„	„	„	20	20
		Sociology	„	„	„	20	20
		Mathematics	„	„	„	15	15
		Chemistry	„	„	„	12	12
		Botany	„	„	„	12	12
		Health & Yoga Therapy	„	„	..	15	15
		MCom	„	„	„	20	20
3	Ph.D	Economics	3 Years	PG	„		
		Botany	„		„	„	
4	UG Diploma	DCA					
		DFin					

13. Does the college offer self-financed Programmes? Yes. The college offers three self-financing courses in IT( DCA,DFIN and CDTP) and one in Health and Yoga Therapy.

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

YES	✓	NO		Number	2
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15. List of Departments

Faculty	Departments	UG	PG	Research
Science	Mathematics, Physics, Chemistry, Botany, Zoology	5	3	1
Arts	English, Sociology/Malayalam, Hindi/History, History, Economics	5	4	1
Commerce	Bcom,BBA	2	1	
Any Other	Health & Yoga Therapy		1	

16. Number of Programmes offered under  
a. Annual System : Nil

- b. Semester System : 21 (12+9)  
 c. Trimester System : Nil

17. Number of Programmes with

- a. Choice Based Credit System : 21  
 b. Inter/ Multidisciplinary Approach : 11  
 c. Any Other ( Add-On) : 03

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

No

19. Does the college offer UG and/or PG programmes in Physical Education?

No

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

Positions	Teaching Quality						Non teaching staff		Technic al Staff	
	Professor		Associat e Professor		Assistant Professor		M	F	M	F
	M	F	M	F	M	F				
Sanctioned by UGC/University /State Government <i>Recruited</i>			15	13	16	33	16	5	18	1
<i>Yet to recruit</i>							2		1	
Sanctioned by the Management/so ciety or other authorized bodies <i>Recruited</i>									4	2
<i>Yet to recruit</i>					-		-			

21. Qualifications of the teaching Staff

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc/D.Litt							
Ph.D			9	8	10	8	35
M.Phil			5	1	2	4	12

PG			3	5	4	21	33
Temporary Teachers							
Ph.D							
M.Phil							
PG							
Part-time teachers							
Ph.D							
M.Phil							
PG					2	16	18

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

NA

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

Categories	2010-2011		2011-2012		2012-2013		2013-2014	
UG	Male	Female	Male	Female	Male	Female	Male	Female
SC	37	81	45	63	30	76	53	57
ST	6	4	5	5	6	4	6	4
OBC	106	136	82	121	67	104	43	98
General	536	774	598	981	643	1025	654	1121
Others								
Categories	2010-2011		2011-2012		2012-2013		2013-2014	
PG	Male	Female	Male	Female	Male	Female	Male	Female
SC	5	27	2	23	0	22	4	23
ST	1	2	1	3	1	1	1	2
OBC	6	44	14	36	5	29	10	64
General	64	117	72	105	80	121	87	89
Others(PH)							1	1

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

Type of students	UG	PG	M.Phil	Ph.D	Total
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Students from the same state where the college is located	1614	278		10	1902
Students from other states of India	18				18
NRI Students					
Foreign students					
Total	1632	278		10	1920

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

UG

PG

26. Unit cost of education

a) including the salary component

b) excluding the salary component

27. Does the college offer any programmes / in distance education mode (DEP)

No

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

Sl.No	Courses	Teacher –student Ratio
UG		
1	English	1:104
2	Malayalam/Sociology	1:150
3	Hindi/History	1:50
4	History	1:40
5	Economics	1:26
6	Bcom	1:15
7	BBA	1:15
8	Mathematics	1:38
9	Physics	1:24
10	Chemistry	1:48
11	Botany	1:28
12	Zoology	1:27
13	Political Science	1:240
14	Sanskrit	1:20
15	Statistics	1:60
PG		
1	English	1:5
2	Malayalam	1:5
3	Economics	1:6

4	Sociology	1:5
5	Mathematics	1:4
6	Chemistry	1:4
7	Botany	1:4
8	Health & Yoga Therapy	3:14
9	MCom	1:5

29. Is the college applying for Accreditation: Re-Accreditation(Cycle 3 )

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

Cycle 1 : 03/05/2004 ; Accreditation Outcome/ Result : B++ Grade

Cycle 2 : 08/01/2011; Accreditation Outcome /Result : B Grade with a CGPA 2.59

Enclosure: 3 and 4 : Accreditation Certificates;

Enclosure: 5 and 6 : Peer team reports

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

193

32. Number of teaching days during the last academic year

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

178

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

IQAC- 24/09/2004

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

AQAR 2010-2011 on 25/04/2015

AQAR 2011-2012 on 25/04/2015

AQAR 2012-2013 on 25/04/2015

AQAR 2013-2014 on 06/05/2015

AQAR 2014-2015 on 06/05/2015

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

**EXECUTIVE SUMMARY**

## **Introduction**

The Zamorins were rulers of Calicut, one of the prominent medieval port-towns of India. It was an international trade emporium in spices and textiles. The rulers of this kingdom enjoyed much prosperity of its maritime trade links and held considerable political power and authority in Kerala during the middle ages. One who pursues history might know the Zamorin as the Lord of the Kingdom where Vasco da Gama made his historic landing in AD 1498. The Zamorin's claim to an abiding place in the annals of his country does not depend on this incident alone. For nearly 950 years he was the central figure in Kerala. For eight centuries he was the recognised Rakshapurusha or protector of the Mamankam, the great festival, held once in twelve years, at which the people and princes of Kerala offered homage and fealty to him. To him, the people of Kerala owe the preservation and development of their arts and culture. In him literature and philosophy had a generous and discriminating patron.

Learning also was of prime importance to the Zamorins. The annual Pattathanams at the Tali Temple in Calicut is evidence of the interest of the Zamorins in fostering knowledge. Pundits and philosophers from far and near assemble to prove their mettle. Patta is the Tamil form of Sanskrit Bhattu, and Tanam of Danam. The former means a person learned in the four Sastras and the latter means gift. So, Pattathanam is either giving of Dhanams to Bhattas or the award title of Bhatta given to Brahmins of proven merit. This ceremony continues even today.

This never-ending interest in fostering learning of all kinds led to the establishment of the Kerala Vidyasala in 1877 when the Zamorin Raja of Calicut H.H.Manavikraman Maharaja Bahadur K.C.S.I., F.M.U started an English school to impart English education to the young members of the Zamorin's family. Over a century, it has grown to a leading centre of higher education, which offers UG and PG Courses in a variety of disciplines to satisfy the requirements of the academic community in the Malabar region.

The Zamorin's Guruvayurappan College, Calicut, has been in the forefront of the educational scenario for 139 years. We have been providing the invaluable gift of quality education to generations of students who have proved their merit as achievers occupying key positions in society. We are grateful to the Zamorins of Calicut, our patrons, for locating us on this lofty green ambience and passing on a tradition of high moral and intellectual

character. Our efforts in the field of knowledge production and dissemination have included non-discriminatory practices geared at achieving social justice.

### **Criterion-wise Summary**

#### **Criterion I: Curricular Aspects.**

Our mission seeks to provide the students with enriching educational experiences through quality service and a positive ambience to enable them to rise towards excellence as responsible social beings.

The college was originally affiliated to The University of Madras in 1952 and later to The University of Travancore in 1957. At present it is affiliated to the University of Calicut and follows the curriculum designed by the University. With the introduction of the Choice-based Credit Semester System (CCSS) by the University in the academic year 2009, for the fresh Undergraduates, three parallel systems of education were followed - the CCSS for I B.A/B.Sc/B.Com students (External 75% and Internal 25% Marks), the annual system for II & III B.A/B.Sc/B.Com students (External 80% and Internal 20% Marks) and the semester system of Post Graduate programmes which is not a Choice Based Credit System (External 80% and Internal 20% Marks). Now all Undergraduate courses are under the CUCBSS. We offer four self financed programmes (Three in IT and one in Health and Yoga Therapy). We have three add-on career oriented programs (Physics, Hindi, and Yoga) .We offer English, Economics, Malayalam- Sociology, Hindi-History (both double main) and History for the B.A programmes; Mathematics, Physics, Chemistry, Botany and Zoology for the B.Sc programmes and B.Com and BBA. Our PG programmes include M.A (Economics, Sociology, English and Malayalam), M.Sc (Botany, Chemistry, Mathematics & Health and Yoga Therapy) and M.Com. Interface with the BOS of the University through our faculty representatives allow for intervention in curriculum framing. We tide over the constraints in curriculum framing by implementing practices which allow a wider base in curricular transaction in line with societal needs.

#### **Criterion II: Teaching Learning and Evaluation**

Our student strength as in 2014-15 is 1920, strength of permanent faculty 80, guest faculty 6 and non-teaching 34 permanent and 4 temporary staff. There are 16 departments of which nine offers PG programs. The majority of the faculty and students are women. We follow the University regulations for admission. Our admission cut-off percentage for students is 76% for Science, 70% for Humanities and 82% for Commerce in the undergraduate courses. Special efforts are made to cater to diverse needs by identifying the differential requirements of the students and addressing them through inclusive practices. Advanced learners are provided with challenging learning experiences. They also help the slow learners. We make use of interactive teaching methods, assignments, projects, seminars, lectures by experts, workshops, scholar support programme, walk with a scholar programme and remedial measures to support and enhance the teaching-learning process. Teaching plans, interactive sessions, continuous evaluations through various methods, timely conduct of examinations and feedback from students during tutorial and PTA sessions are part of our quality ensuring initiatives. We follow the problem solving method to take care of gaps and omissions in the teaching-learning process and make it student centric. We have a very efficient tutorial system which takes care of the academic and personal needs of our students. We expose the students to new and current knowledge by integrating it into our teaching practices and also through invited talks, debates and discussions. Linking curriculum with social issues is an ongoing practice. Students are also encouraged to extract information from web resources and journals. Teacher quality is a prime concern of the management which they achieve through a meticulous recruitment process and by granting leave for research oriented FDP and training programmes. CAL and ICT are integrated into all aspects of the teaching learning process. We help and guide the students in their preparation for competitive examinations.

### **Criterion III: Research, Consultancy and Extension**

Our research organisation (ZCIR) promotes research activities. 44% teachers have Ph.D as highest qualification and 15% have M.Phil as the highest qualification. About 41% of the teachers are engaged in active research. We have 3 major funding projects during 2010-2015 (One major project is completed and two ongoing) and 3 collaborating projects (as Co-investigators) with Malabar Botanical Garden (two of them are completed). We have to our credit 195 paper presentations and 125 research articles and 155 books published in the last five years. 9 of our faculty are recognized research guides. The management promotes and encourages research by granting leave and financial assistance for research programmes. ZCIR has a PG student wing which has initiated research activities amongst students. A number of our faculty contribute to subject knowledge through publications and projects. Twenty five of our faculty act as resource persons for various establishments and for conferences and seminars. Many of them are BOS members and intervene in curriculum framing. Collaborations with OISCA, Child Line, ORC, Pain and Palliative Care Society, IACS, CSIR, IISR, BSI, ZSI and American Bibliographical Institute, to name a few, accentuate our research interests. The institution has enriched its infrastructural resources through the research projects - we now have eight research laboratories and four seminar halls.

#### **Criterion IV: Infrastructure and Learning Resources**

Our campus spans 92 acres of greenery on a hillock. On the academic front, the infrastructural support of the institution includes 16 full fledged departments with computers, sufficient number of class rooms, 17 laboratories, a Computer Centre and IT lab, an Animal House, botanical and medicinal gardens, a Research Centre, a Career Guidance Centre and a Yoga Centre. For co-curricular and extracurricular activities we have a spacious Auditorium, two Open Air Stages, a Health and Trauma Care Centre, a big playground, a Pavilion with changing rooms, an Indoor Games Room, Courts for different games and a gymnasium.

Other facilities include a Canteen, Ladies Centre, Boys Dining Hall, PNB extension counter, a Post Office, a Co-operative store, two hostels, recreation room for staff, common room for lady staff and a firing range. The landscape is highlighted with statues which foreground our artistic sensibility. Our learning resources include a well equipped library with over 87495 books, 177 journals and 525 Reference books, INFLIB NET for e- books and e- journals, computers with internet access, and power back-up, photocopiers, scanners and spiral binding facility. The computerized service includes circulation, cataloguing and online book searching. We have reading software and a large print magazine for the visually challenged. We also have a Computer Centre with Wi-fi facility interlinking 40 computers within the centre. This centre is used by the faculty and students for curricular transactions and to supplement ICT knowledge. A very active Health and Trauma Care Centre takes care of health-related knowledge and offers consultancy services to the staff and students. Our infrastructure facilities are often extended to the community at large.

#### **Criterion V: Student Support and Progression**

The institution disseminates information about the courses offered, rules and regulations, amenities/facilities available through its prospectus, hand book and website. 33.38% of our students belong to the SC category, 5.94% belong to the ST section of society, 33.54% are from OBC and 60.89% are women. We have 21 clubs, 5 centres and 4 cells for student support activities. A holistic education is provided through the activities of the above. We have a Grievance Redressal Cell, a Counselling Centre, a Career Guidance Cell and an Entrepreneurship Development Club to facilitate the all-round development of the students. We offer academic and personal counselling. We provide Governmental and non-Governmental scholarships and free ships as part of our inclusive practices and also to motivate the students. There is a UGC –NET, CSIR, PSC, BANKING coaching centre. The faculty supports and guides the students in the preparation of competitive examinations. An

active and involved Alumni Association provides intellectual and financial support for the betterment of our educational endeavours. Students are creative and enterprising which is evident from the publications of the department magazines, college magazines and articles and stories published in main stream magazines. On the cultural front we have maintained third/fourth position in the University Arts Festivals. Our achievements in the sports arena scale the state, national and international levels. The Students Union, an elected body of representatives, co-ordinates the overall activities of the student community with the help of a staff adviser and a staff cultural programme officer.

#### **Criterion VI: Governance and Leadership**

We have a very supportive and dynamic management which diligently strives to promote quality in all aspects of the institution's activities. The management takes keen interest in expanding the range of academic services for the institution. It motivates the staff and students to enhance their output in all fields through financial support and enthusiastic involvement. The Principal of the college assumes a leadership role in enriching the institution's activities. Decisions are made through the college council comprising of The Principal, Heads of the Departments, the IQAC, and elected faculty and whenever necessary communicated to the governing body. The perspective plan of the institution prepared by the Planning Board with the support of the IQAC is scrutinized and passed by the Governing Body. The attendance monitoring system, performance monitoring system and finance monitoring system ensures the efficacy of the range of activities through various committees. The PTA is another body which intervenes constructively to promote the quality initiatives of the institution.

#### **Criterion VII: Innovative Practices**

The innovative practices of the institution have been devised to ensure quality in education. We move forward by reinforcing our strengths and tackling our weak areas by adopting the problem-solving method. Learning opportunities are made available to the students to help them face the challenges of a globalized world. Quality initiatives like setting up of clubs/ centres/ cells for holistic development, a meticulous and continuous evaluation process, use of latest technology in teaching-learning, theme-based teaching-learning, counselling, career guidance and placement, community- service enhancing activities, activities promoting a civic sense, emphasis on research oriented work, inculcation of a good value system, timely infrastructural augmentation, an effective feedback system, soft skills development, inclusive practices, providing motivation in the form of special prizes and scholarships to enhance performance and a decentralized administrative system which co-ordinates and enables the implementation of the above mechanisms help us in our march towards excellence.

### **SWOC ANALYSIS OF THE COLLEGE**

#### **Strengths**

- H.H. the Zamorin Raja of Calicut governs the college directly.
- Our college is one of the oldest serving the community for 139 years.
- Two of the PG departments have become Research centres providing facilities to students from far and wide.

- The college has a fully furnished Research Centre with provision for e-learning in connection with other Universities including foreign Universities.
- The campus is women friendly. Sixty percent of the students and faculty are females.
- Sanitary pad vending machine and pad disposing machine has been installed in the college and hostels.
- We have a green and beautiful campus on top of Krishnagiri hills with a number of sculptures, including the biggest campus statue.
- The extension activities like pain and palliative care, blood donation, visits to old age home and mental hospital provides exposure to the seamy side of human life making the students better individuals.
- The alumni supports the college in various activities like conducting seminars, infrastructure development etc.
- The PTA provides solid support to the college. They provide funding for several activities like Midday Meal program, cultural events, infrastructure development, and awards for students who excel in curricular and extra-curricular activities.
- There is a big play ground which is utilised not just by students but also by the larger community.
- There are two open air stages called *Chaithram* and *Kailasam* where cultural activities, sky watching, professional shows, open forums, etc is held.
- Health and Yoga Centre and a Gymnasium with modern equipments help students to maintain physical and mental health.
- The ninety-two acre campus is totally eco-friendly. It is a plastic-free campus and the waste disposal methods are environment-friendly. The green campus provides the ideal environment for the healthy, creative, learning-oriented context.
- In order to cater to the increasing demands for accommodation from students coming far-off areas, the college has started the construction work of a new ladies' hostel in addition to the existing two hostels.
- The college has a botanical garden, herbal garden, Yoga hall and a Firing range as extra facilities. The firing range is used by the NCC, West Hill Barracks.
- The PNB has an extension counter inside the campus that provides banking support to the staff, students and the public. Similarly, the post office functioning inside the campus extends support to the neighbourhood community as well.
- The Research committee, ZCIR, promotes interdisciplinary research activities among both the staff as well as the students.
- The modernised, well-equipped library has a collection of rare books.

### **Weaknesses**

- With the introduction of new courses and upgradation of PG departments into Research Centres, there is a need for more classrooms and seminar halls.
- Upgrading more UG programs into PG departments and existing PG departments into research departments is the need of the hour. Similarly, more facilities should be provided to research scholars.

- Need for more information technology accessing devices like National Knowledge Network.
- Needs more sanitation facilities for girl students.
- Transport facility to the college needs improvement.
- The college has to sign more MoUs with industries and institutions of high repute.
- The consultancies offered by the college are not income- generating.

### **Opportunities**

- The college campus extends to 92 acres of land in Calicut city, so that there is high opportunity of expanding the academic programmes by introducing new courses that suits modern and contemporary requirements. The College has a large play ground and Gymnasium
- Upgrading PG Departments into research departments will provide more opportunity for extension activities

### **Challenges**

- Emergence of new generation courses is a main threat to institutions like this offering conventional programs in science / arts / humanities
- Increasing number of professional colleges (engineering /medical /Para-medical) is also a real threat to institutions like this offering conventional programs in pure science
- The academic calendar of the affiliating University is at times irregular and this effects the functioning of the College
- We face the problem of semester lag mainly because of the delay in declaration of results by the affiliating University
- The Govt.policy does not support funding to begin new courses. As such the institution is unable to commence new courses inspite of demands from the stake holders

## **CRITERION I: CURRICULAR ASPECTS**

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

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

##### **Vision:**

The vision of our college is to help the students achieve academic excellence and play the role of socially responsible individuals by including social values. All our efforts are directed towards the achievement of this vision.

##### **Mission:**

Our central mission is to provide sufficient nourishment to an individual through the right combination of environmental settings and quality service in order to rise towards excellence which calls for individual efforts

**Objectives:**

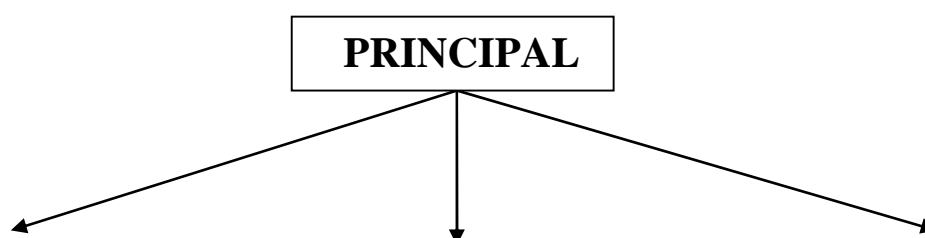
- To equip the students with the ability to earn their livelihood.
- To develop a sense of social responsibility among students
- To develop social skills and inculcate values like co-operation, team spirit, discipline, fair play and so on through extracurricular activities.
- To transmit social heritage through various organizational units.
- To create a conducive environment in promoting individual qualities such as personal initiatives, accurate thinking, positive attitude, determination, the tenacity to achieve goals and the overall personality development of the student.
- To educate the students to respect and earn respect.
- To ensure equity in access to education.

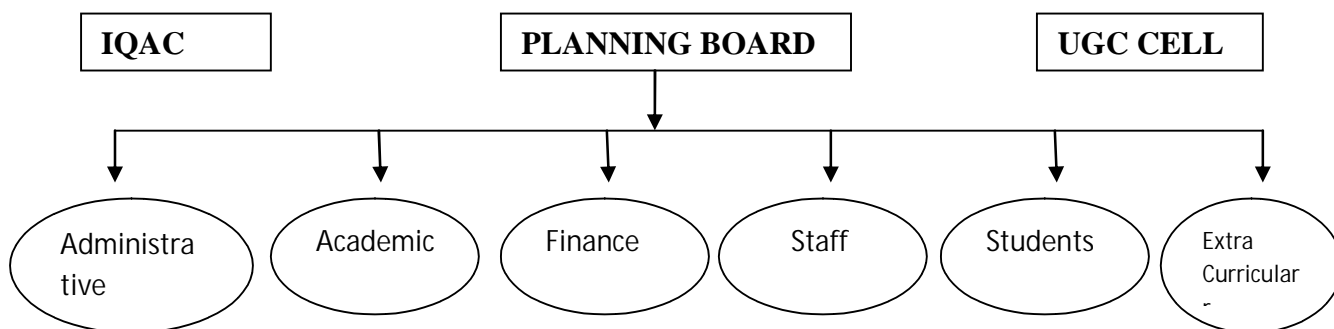
The academic activities like seminars, projects and interactive sessions provide nourishment to students for gaining confidence and being better individuals. The extension activity helps them to develop sympathy for the sick and the needy and helps students to become compassionate individuals with responsibility towards the larger community. All the activities of the college are oriented towards the achievement of the objectives of the college.

The vision, mission, and objectives are displayed in different parts of the campus. The vision of the college is exhibited on the wall above the staircase towards the office of the Principal. It has been imparted to the teachers in print format. During the tutorial sessions the students are made aware of the goals of the institution.

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

Our college is affiliated to the University of Calicut and there is a prescribed curriculum of the University. The faculty is actively engaged in curriculum development by acting as members in various Boards of Studies. Two of our faculty contribute to the university education in their capacity as Senate Members. The Planning Board of the College meets regularly to formulate the general timetable to be followed by the Departments while developing department-wise timetables.





Administrative	Academic	Finance	Staff	Students	Extra-curricular
Allotments of rooms	WSS/SSS	Budget	Salary of Contingency staff	ID Card	Clubs
Maintenance	Seminar	Fine arts	Salary Arrears	Hostel Day	Committees
Discipline	Time Table	Union	Guest Lecturer	Fine arts	Yoga
Hostel	CUCBSS	Study Tour	Appraisal	Union	Canteen
Seminar Hall	Courses	OSA		Library Card	Co-operative Store
Timing	Evaluation	Dept Events		Agitation	Enquiry
Admission	ICT	UGC Funds		Celebrating Days	Purchase
New education polices	Library	GDA		OSA	Tour
Evaluation	PhD	Innovation		Green Community	
Future plan	Scholarships				
	Study Tour				

The following measures are taken for the implementation of the curriculum:

- The departments conduct meetings at the beginning of each semester to distribute the portions and decide what quantity is to be completed each month.
- Every month the departments evaluate the portions that have been completed by each faculty
- The college council and IQAC monitors the implementation of curriculum effectively
- The infrastructure facilities including library and research centre are made available to students for developing independent learning
- E-learning is also made possible for the students through the digital class room at the research centre. Department of Mathematics conducts E-learning classes using Skype facility for PG students. Interactive sessions are arranged with, Dr Satish Puthanpurayil, Faculty, Department of Computer Science, University of Illinois.

- There are smart class rooms at the Departments of Physics and Malayalam which provide audio-visual facilities.
- The Department of English has a language lab. Films are screened and discussed seriously
- The departments have OHP, full-fledged laboratory and gas plant to help students in their practical observation and studies.
- Remedial classes are conducted for the benefit of slow learners. Walk with a Scholar program, and Scholar Support Scheme are implemented properly.

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

The college Development Council of the University conducts meetings with the Principal and discusses the merits and shortcomings of curriculum deployment in the college. The new education policies of the Central and State Governments are discussed and directions given to the Principal. The Principal in turn communicates the same to the faculty and encourages them to excel in their performance each year. In addition to this the University takes the following measures to see that the curriculum is translated effectively:

- The University conducts orientation courses for young faculty.
- Refresher courses are conducted to update senior faculty.
- The teachers are encouraged and due help given to take up M.Phil and Ph.D during their career.
- The college Management supports the staff and students by providing infrastructural (Research centre) and monetary aid for pursuing research activities and extracurricular and co curricular activities
- Management supports faculty by providing leave for pursuing higher studies (FDP), attending seminars, workshops and refresher course for updating knowledge.

**1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency**

- Both teachers and students are encouraged to present research papers at various platforms.
- Classes are conducted systematically and classes lost due to various reasons are made up by engaging special classes.
- Evaluation tests are conducted at regular intervals and weak students are given remedial coaching.
- PG students and research scholars of the institution are deputed with the duties of conducting seminars and inter-collegiate competitions.

- Government supported programs like the Scholar Support Program and Walk with the Scholar Program give Extra support to students.
- Seminars and workshops are conducted by respective departments to supplement the curriculum.

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

- Some of the faculty members function as members of the various Boards of Studies of the University and work in coordination with the Parent University and teachers from other institutions.
- Students in streams such as Sociology and Commerce take up project works associated with social work and the local industries.
- The ASAP program is conducted in collaboration with the Government of Kerala. The college is a nodal centre of the ASAP.
- The NSS unit works in co-ordination with the state level NSS co—ordination committee. The two units of the NSS volunteers work in close association with the local self-governing bodies.
- Field visits and industry visits are conducted by various departments. The Department of Zoology conducts annual visits to apiculture farms. Walk with the Scholar Programme conducted a tour to ISRO, Trivandrum and Veli Crafts Village.
- Student feedbacks regarding the curriculum are often forwarded to the decision makers and changes have been effected on various occasions. When the University of Calicut introduced a new course on informatics for BA courses, the Students of BA English complained about the overloaded syllabus, the matter was brought to the attention of a Board Member. After a series of discussions the syllabus was revised.

**1.1.6 What are the contributions of the institution and/ or its staff members to the development of the curriculum by the University? (number of staff members/departments represented on The Board of Studies, student feedback, teacher feedback, Stakeholder feedback provided, specific suggestions etc**

- Several members of the faculty function as chairpersons or members of the Boards of Studies. They actively participate in curriculum restructuring and syllabi reconstitution. Some of the faculty even act as editors of books prescribed by the university.
- In the year 2010-2011, four teachers functioned in the Board of Studies and the numbers were eight, nine, twelve and eleven respectively in the subsequent years.

**1.1.7 Does the institution develop curriculum for any of the courses offered (other**

**than those under the purview of the affiliating university) by it? If ‘yes’, give details on the process (‘Needs Assessment’, design, development and planning) and the courses for which the curriculum has been developed.**

- The college offers two add-on courses ( in Physics and Hindi). The syllabus for the course was framed by the concerned departments in response to the demand from the stakeholders. The syllabus was approved by the UGC.
- Some of the teachers have been involved in the curriculum settings of areas other than their own.
- Smt R. Sudhakumari and Smt. Sheela Nair of the Department of English functioned as the chairperson and member of the BoS of Functional English of the University of Calicut and were actively involved in curriculum restructuring.
- Dr Rajani B of the Department of English was a member of the PG BoS of Women’s Studies course of the University of Calicut and she too was an active participant in curriculum revamping and other activities associated with the department.
- Dr. M G Mallika prepared the syllabus and question papers of the coursework for the PhD students for Paper II.

The syllabus designed for the self financing course in Health &Yoga Therapy is as follows:

#### I SEMESTER

PAPER I Foundations of Yoga  
PAPER –II- Basics relevant to Yoga Therapy  
PAPER III - Human Anatomy & Physiology  
PART- B- PRACTICALS OF YOGA

#### II SEMESTER

PAPER IV - Physiology of exercise, Kinesiology and Biomechanics  
Paper V Basics of Integral Approach to Yoga Therapy  
PAPER VI - Yoga Therapy

PART- B- PRACTICALS

#### III SEMESTER

Paper VII Research Methodology, Statistics and Research advances in yoga  
PAPER -VIII - Yogic diet and related Biochemistry  
PAPER – IX – Psychology and Yoga therapy related to Physical Education & Sports  
PART B- PRACTICALS

#### IV SEMESTER

INTERNSHIP CUM PROJECT WORK

The details of the Courses offered by the Computer Center are as follows:

1. Diploma in Computer Applications (DCA)

Duration: 6 Months PART TIME

Eligibility: Plus Two / Equivalent Course

Fee: Rs.6000/-

Selection procedure: First come first served

DCA 101 - Information Technology and OS

DCA 102 - MS Office

DCA 103 - Visual Basic

DCA 104 - Programming in C

DCA 105 - Programming using java

2. Certificate course in Desk Top Publishing (CDTP)

Duration: 3 months Part Time

Eligibility: SSLC / Equivalent

Course Fee: Rs.4000/-

Scheme of study: Computer Fundamentals, MS word, MS Excel, MS PowerPoint, Adobe PageMaker/Indesign, Adobe Photoshop, Internet Fundamentals

3. Diploma in Financial Accounting (DFIN)

Duration: 6 Months Part Time

Eligibility: SSLC / Equivalent Course

Fee: Rs.6000/-

DFIN 101 - Computer Basics, Windows, MS Excel

DFIN 102 - Basic Theory of Accounting, Computerized Accounting Packages - Tally

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

- Department meetings are held at regular intervals to assess the progress of students.
- Tutorial sessions with students and parents too are held at least once during each semester.
- Students are required to present seminars as part of their evaluation process.
- Annual SWOC analysis is conducted by the IQAC

**1.2 Academic Flexibility**

**1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.**

Sl no	Title of the course	Type of course	Department in charge
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1	Physical activity, Health and Wellness	Open course	Physical Education
2	Film Studies	Open course	English
3	Chalachithra Padanam	Open course	Malayalam
4	Spoken Hindi	Open course	Hindi
5	Applied Botany	Open course	Botany
6	Non conventional energy source	Open course	Physics
7	Chemistry in Daily Life	Open course	Chemistry
8	Mathematics for Natural Sciences	Open course	Mathematics
9	Reproductive Health and Sex Education	Open course	Zoology
10	International Trade and Finance	Open course	Economics
11	Heritage Studies	Open course	History
12	Life skill education	Open course	Sociology
13	Basic Accounting	Open course	Commerce
14	Translation and Journalism	Add-on	Hindi
15	Electrical, Electronics and Instrumentation	Add-on	Physics
16	Certificate course in Yoga Therapy	Add-on	Physical Education
17	Diploma in Computer Application	diploma	Computer Centre
18	Diploma in Financial Accounting	diploma	Computer Centre

19	DTP	diploma	Computer Centre
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**1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If ‘yes’, give details.**

The institution, being affiliated to the University of Calicut, does not have any provision to provide twinning/dual programs. But, we do have double main courses in Hindi/History and Malayalam/Sociology.

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

- Range of Core / Elective options offered by the University

and those opted by the college

- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility
- Lateral and vertical mobility within and across

programmes and courses

- Enrichment courses

Sl. No	Department	Available options	Opted by the college	Objective
1	Physical Education		Physical activity, Health and Wellness	Holistic mental and physical well-being of the College community
2	English		Film Studies	To develop critical skills and aesthetic sensibility
3	Malayalam		Chalachithra Padanam	To develop critical skills and aesthetic sensibility
4	Hindi		Spoken	To obtain

			Hindi	fluency in the official language of the country
5	Botany		Applied Botany	To develop a keen sense of appreciation for botanical species
6	Physics		Non conventional energy source	To create awareness in the student community regarding the need for alternate energy sources
7	Chemistry		Chemistry in Daily Life	To inculcate an appreciation for the aspects of Chemistry present in everyday life
8	Mathematics		Mathematics for Natural Sciences	To create and develop an interdisciplinary sense of Mathematics
9	Zoology		Reproductive Health and Sex Education	To orient the students towards an objective and healthy view of reproductive health
10	Economics		International Trade and Finance	To develop a global perspective of trade and finance
11	History		Heritage Studies	To create a sense of pride and to develop respect for the cultural heritage of our nation
12	Sociology		Life skill education	To develop skills necessary for healthy social interaction and success

13	Commerce		Basic Accounting	To equip students with basic accounting skills and to enhance their employability
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The UG students, in addition to core course, are taught the English language as common course, a second language of their choice and two complementary subjects. They are also given the option of selecting an open course of their choice in their penultimate semester. Till 2014, The College had followed a Choice-based Credit Semester System for UG and PG students. It consisted of six semesters for the three-year program, with two semesters in each year. The list of courses for the CCSS includes Common Courses, Core Courses, Complementary Courses and Open Courses. The Common, Core, and Complementary courses are compulsory whereas the students have to choose an Open course outside their disciplines from the range of options given by each department. Grading system was followed till 2014 and this has now been replaced by the mark system. The final result, however, is published in the grade format.

**1.2.4 Does the institution offer self-financed programmes? If ‘yes’, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.**

Yes. The college offers a self financing program on Health and Yoga Therapy. The university conducts centralised entrance test and admissions are done on the merit basis. The curriculum is designed by the Department of Physical Education of the college and it is flexible. The fee structure is high when compared to other courses offered by the University. Teacher Qualification is the same as stipulated by the UGC. The salaries of the teachers need to be met from the fee received and it is low in comparison with the salary of Government or Aided college teachers.

**1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If ‘yes’ provide details of such programme and the beneficiaries.**

Yes. Three add-on courses are offered by the college. The department of Physics offers a course in ‘Electrical, Electronics, and Instrumentation’ and the department of Hindi offers a course in ‘Translation and Journalism in Hindi’. MSc Health and Yoga Science prepares many students to become yoga instructors and many are already experts in the field. The Department of English conducts the ASAP Programme to improve communication skills. A separate programme for ASAP trainers is also conducted in the college. The Department of Commerce conducted mentoring programs to increase employability for BBA and B.Com

students. A training program in GD and career guidance program was offered to final B.Com students. ED Club members participated in the MSME Exhibition organized by the Department of Industries and Commerce, Government of Kerala conducted a seminar and work experience was conducted and the students manufactured and marketed cost effective detergent powder. Innovative business projects were presented in the, “India Innovation 2014”, Business projects presentation competition. Walk with the Scholar Scheme: conducted a class on “Motivation” by Dr.K. Shivarajan, Dean, Faculty of the Department of Education, University of Calicut. The following talks were conducted for students of First Year UG:-

- a) Media as a medium of motivation- Mr. Syam Kumar
- b) Will to Win – Mr. Bharath Das. V (Rtd. Sr. Manager IT)
- c) Life Skills Management – Dr. Hafis Muhammed
- d) Will Power – Dr. Meena, Menon. K. Sivadas, (Clinical Psychologist, ICONS, Shoranur.)

The student counselling and career guidance cell conducted a Two - day training program on Personality Development and Career Awareness for first year students. The centre along with the Computer Centre of the college has started a Computer Awareness and Automation Program for the second and third year students. The centre successfully completed its 3 year integrated Soft Skills Training Program for 120 students. Selected students attended Two - day training program conducted by Altius at Ernakulam.

The Women’s Development Cell started functioning in 2009. The cell aims at proper guidance of the girl students in their social relationships as well as family matters. It also aims at the enrichment of the girl students through skill development and entrepreneurship development programs. To achieve these goals, the Women’s Development Cell conducted the following programs:

- Training to make ornaments of their own – to make them self-dependent.
- 10 students participated in the seminar conducted by District Welfare Office of the Govt. of Kerala – At hotel Hyson Heritage.
- Self employment training programs commenced. They are:

1. January 28, 2012- Stitching class was started. Three sewing machines were purchased for this purpose. Six students registered for this program. Two trainers were selected out of which one was Miss. Remyasree, a student of MSc. Chemistry. The classes were conducted as morning and evening sessions and it was convenient for the students.

2. February 14, 2012- a class on fashion designing was given to 75 students. Mr. Vinil and Mr. Joby Thomas of the Academy of Fashion Designing engaged the classes.

The Literary and Debate Club conducted a poetry camp on 15th October 2011. The key-note address was delivered by Dr. K P Mohanan. He spoke on the topic Kavithayile Purakshepana

Thantranganal. It was followed by a talk on Kavya Bhasha by P P Sreedharanunni. Smt. Gayathri gave a talk on Chithravum Kavithayum. Sri Unnikrishnan Sreesailam spoke on Charithrathinte Kalochakal.. It was followed by poetry recitation and discussion by the participants. Certificates were distributed by Sri P K Krishnanunni Raja.

The Media Club which promotes media literacy conducted several programs for the students. A talk by Prof. M A Rehman and screening of the Oscar Award winning documentary titled The Eighteenth Elephant was conducted. Media Club and the Magazine Board conducted a Film Show. A documentary making work shop was conducted from 17th to 19th July 2014. The Reality Show for short films organised by the Channel Media One was conducted in the college.

**1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?**

The University does not offer the flexibility of combining such courses.

### **1.3 Curriculum Enrichment**

**1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programmes and Institution’s goals and objectives are integrated?**

The goal of this institution focuses on the achievement of excellence by socially responsible individuals. The academic programs of the college are in tandem with goals and objectives.

Since the college is an affiliated college, there is no provision for independent curriculum designing and development. Some of the faculty are members of the boards of studies of various subjects. They attend Board meetings and actively participate in curriculum restructuring. Various programs like Remedial Coaching, Scholar Support Program, Walk with a Scholar etc. offer support to both the weak as well as the meritorious students. Exceptionally talented students are encouraged to help in the remedial program.

The extension Programmes of NSS, NCC, The Pain and Palliative care Unit support the community and students get a first hand experience of the realities of life.

In addition to this the various clubs functioning within the campus help in the overall development of the students.

By choosing the correct electives and open courses the college is trying to integrate curriculum to the goals of the institution.

### **1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?**

The Equal Opportunity Centre and the Computer Centre of the college jointly conducted a government approved course in DCA, DFIN, DTP, etc.

- Coaching for entry into Career for SC/ST/OBC and other minorities excluding creamy layer was conducted
- Two - day training program on Personality Development and Career Awareness for students.
- The centre along with the Computer Centre of the college has started a Computer Awareness and Automation Program for the second and third year students.
- The centre successfully completed its 3 year integrated Soft Skills Training Program for 120 students.
- Training for students of BA/BSc/BCom by DES Hyades Education Centre
- Selected students attended Two - day training program conducted by Altius at Ernakulam.
- Women's Development Cell conducted a skill development Workshop in Ornament Making
- The Department of Commerce conducted mentoring programs to increase employability for BBA and B.Com students. A training program in GD and career guidance program was offered to final B.Com students.
- ED Club published about twenty Books, conducted a Talk on Financial Instrument to encourage students to interact with businessmen under the program "Meet a Successful Entrepreneur Initiative". Students also participated in a seminar on "Marketing" organized by District Industry Centre, Calicut.
- Department of Commerce conducted a one day seminar on SPSSA. Management meet including paper presentation competition was organized in memory of Late Prof. M. Kunjayamu.
- The department of Zoology, conducted field tours to Silent Valley National Park, Nedungayam, Nilambur Forest, Zoological Survey of India and Apiculture-Bee keeping industry (Kakkadampoyil). The departments of chemistry, Physics, Botany, Mathematics History and others also conduct study tours.

### **1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?**

Issues such as gender, climate change, environmental education, human rights, ICT etc are taught by the faculties. In addition, The NSS,NCC, Women Development Cell and the Palliative Care unit of the college are involved in activities such as:

- Department of Economics organised a UGC sponsored national seminar on "Gender Economics" in 29<sup>th</sup> and 30<sup>th</sup> January, 2015. Eminent social scientists like Dr. T M

Thomas Issac, Dr.Poulami Mukherjee, Dr. Sunny Jose, and Dr.Dileep Raj presented papers.

- A symposium was arranged by the Department of Economics in collaboration with Zoology department in the backdrop of Kastururi Rangan Committee report by involving scholars from environment and social science.
- Economics department faculty Anil Varma served as an external mentee of the Walk With the Scholar Program of Government College, Mananthavady in the arena of higher education by offering a class on “Higher Education and Career Opportunities”.
- In connection with the “Clean and Green campus Mission”, the Department of Economics has organised several phases of tree planting campaigns with the assistance of Social Forestry Mission of Kerala Forest Department.
- Environmental protection camp was attended by 48 volunteers. Nature study camp was organized at Kuttiady Eco Tourism Centre and also in Wayanad.
- Students volunteer of Palliative Care Unit were given training by the volunteers of the institute of palliative medicine. Forty three students completed the training. They also assisted in organizing Vayogana Vandanam, a program organized by the Corporation of Calicut and the Social Welfare Department to honour aged people on World Old Age Day. As part of “TEN 10 project”, awareness program was organized in the college. Seventeen students participated in Patient interactive session and some of them visited Children’s Leukemia Ward in Medical College.
- The Zoology department in association with Bhoomitra Sena Club organized a quiz program to create awareness about Wild Life Conservation. Fifth semester students visited Nelliampathy, Eravikulam National Park, and Chinnar Wild Life Sanctuary.
- Students attended a one day workshop on Wetlands and Waterfowls organized by the Zoological Survey of India and Kerala Forest Department.
- Department of Economics conducted seminar on “Gender Economics”. Observed environmental day in collaboration with the Forest Department by planting new saplings in the campus.
- As part of Service Day, “Clean and Green Campus Mission” was organized along with the Forest Department.
- Nature Club: Planted 250 Saplings in the college Campus on World Environment Day. The function was inaugurated by H.H. The Zamorin Raja by Planting Krishnanal (*Ficus krishnae*) in front of College Library. Dr. K. Azeez, Asst Prof of Botany, Unity Womens College, Manjeri gave a talk on Bio Diversity of Western Ghats. The program was conducted in association with the NSS units and Development Club of Economics. Students participated in a Conference of Prakriti Samrakshana Samiti at Calicut Town Hall.
- Student members of Tourism Club attended a seminar organized by DTPC Calicut on World Wetlands Day.

- Department of Mathematics conducts E Learning classes using Skype facility for PG students. Interactive sessions are arranged with, Dr Satish Puthanpurayil, faculty, Department of Computer Science, University of Illinois.
- The Health Club conducted awareness class on breast cancer and also free Eye Screening Camp by which about 500 hundred students benefitted. A Poster Making Competition was conducted on World Aids Day.
- The students union conducted an International Film Fest which focused on issues like Gender, Environment and Sexuality.

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

- **moral and ethical values**
- **employable and life skills**
- **better career options**
- **community orientation**

Several enrichment programs were organised by the college to inculcate values and competence building:

##### **Moral and Ethical values and Community orientation**

- Palliative and Truama Care: Conducted training sessions for moulding and guiding the students. It consisted of an Orientation Class conducted by the SIPC (Students in Palliative Care) wing of The Institute of Palliative Medicine and an Orientation Class by Dr. Abdul Gafoor, Coordinator of Palliative Care Unit emphasizing the significance of Palliative Care in the present Society. The Palliative Care Unit of Kinassery conducted an awareness class on the need for Home Care in our society. Training for the same was given. Another lecture was given by The Pediatric Palliative Care Unit of IMCH. SIPC day was celebrated under the name Snehathinte Kayyoppu the members made efforts to create awareness among the students of the college. They also conducted a Handicraft Exhibition titled “Petals” to exhibit and sell the products made by the inmates of Institute of Palliative Medicines. The members of the college joined hands with other colleges to collect funds for the welfare of Cancer Patients. Kerala State Handicapped Welfare Corporation in collaboration with the Vocational Rehabilitation and The Institute of Palliative Care organized a job oriented project Named “Saphalyam Bhinnaseshi Thozhill Mela”. 6 students participated in the Job Orientation camp conducted by Foot Prints to help those who are Bedridden by Spinal Cord damage. 20 Students attended the International Seminar on Youth in Palliative Care “Students Palcon-2015” conducted by SIPC. 30 students assisted the trainers during the five day training program under Foot Prints for the inmates of IPM. 43 students attended the

Homecare Training of the IPM. The Palliative Truama Care centre of our college has undertaken 10 Homecare projects. They supplied Medicines Homecare and Mental support for the suffering, under the guidance of Kinnassery Palliative Unit. They have also undertaken the project for constructing a toilet for Sri. Mohanan who is a resident close to the campus. The fund was raised from campus itself.

### **Employable and life skills and better career options**

Sl. No	Type of Program	Topic	Resource Person
1	Lecture (Dept of English)	The Challenges of Learning a Foreign Language and the Significance of Language Learning	Prof. Ummer Farook
2	Lecture (Dept of Mathematics)	C Program	Smt Lalita Satyanand
		Fifteen hours Communication Program	Mr Premanand
3	Lecture ( Dept of English)	Advanced Communication	Mr Premanand
4	Lecture/demonstration (Health Club)	Acupuncture	Dr Geetha Gopalakrishnan
5	Lecture ( Dept of History)	Research	Sri P J Vincent
		Methodology Practices in Archaeology	Dr V T Padmaja
6	Lecture ( Dept of Economics)	The Economics of Media	Mr Dinakaran Kombilath
		Easy English Communication	Mr Sreelesh
7	Lecture (Department of Sociology)	Research Methodology	Dr.Lakshmi.V.Nair
8	Lecture (Department of Maths)	Scope of Mathematics in IT Field	
9	Lecture (Department of Commerce)	Online trading, Interview skills	Prof.Vijayakumar Sri. Nishanth Gujar
10	Lecture (Department of Zoology)	Skill Development	Mr.Bharath Das & Dr.Hafis Muhammed
11	Interaction ( ED Club)	Meet a successful entrepreneur initiative	District industry centre
12	Seminar (Department of commerce and ED)	Top Financial sector reforms in	

	Club)	India	
13	Seminar (Department of commerce)	Know your competing power. Business communication	
14	Exhibition (Department of chemistry)	CHEM SHOW 2012	
15	Workshop (Literary debate club )	Poetry workshop	
16	Seminar (Department of Physics)	Inter disciplinary approach to physics	
17	Lecture (Department of Zoology)	Personality development programme	Sri. Sreekumar
18	Camp (Department of Chemistry)	Water analysis camp	KSSP
19	Work shop (Media Club)	Documentary making	
20	Seminar (Tourism Club)	Tourism and Higher educational oppurtunities	

The Literary and Debate Club conducted a poetry camp on 15<sup>th</sup> October 2011. The key-note address was delivered by Dr. K P Mohanan. He spoke on the topic *Kavithayile Purakshepana Thantrangaal*. It was followed by a talk on *Kavya Bhasha* by P P Sreedharanunni. Smt. Gayathri gave a talk on *Chithravum Kavithayum*. Sri Unnikrishnan Sreesailam spoke on *Charithrathinte Kalochakal*.. It was followed by poetry recitation and discussion by the participants. Certificates were distributed by Sri P K Krishnanunni Raja.

The Media Club which promotes media literacy conducted several programs for the students. A talk by Prof. M A Rehman and screening of the Oscar Award winning documentary titled *The Eighteenth Elephant* was conducted. Media Club and the Magazine Board conducted a Film Show. A documentary making work shop was conducted from 17<sup>th</sup> to 19<sup>th</sup> July 2014. The Reality Show for short films organised by the Channel Media One was conducted in the college.

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

Owing to the demand from parents and students, the following courses were started:

- UG course in BBA and PG course in Mathematics.
- Coaching classes for competitive exams
- Coaching classes for NET/SET exams
- PhD programmes

The parents and students are constantly requesting for MA History, MSc Zoology, and MSc Physics. The college is investing its effort to get sanction from the government, but the financial constraints do not permit the government to make extra financial commitments that may arise in these courses.

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

The programs are monitored by a coordinator appointed by the Principal. Continuous evaluation and assessment of the programs are done through regular tests and evaluations. Final evaluation is done by the University. Feedback is also taken from students and suitable corrections are made.

## **1.4 Feedback System**

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

Several members of the faculty serve as chairpersons and members of boards of studies and support curriculum designing.

Smt.Rakhi.N and Sri. Shailendra Varma of the Department of Sociology proposed a common scheme for double main programs under CCSS which was accepted and implemented by University of Calicut.

The teachers participate in workshops conducted by the University and give suggestions. Orientation programmes are conducted in the college to educate students about the changes in the curriculum.

Some of the teachers act as editors of books prescribed by the Universities.

### **1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?**

Yes, regular feedbacks are taken from students through effective tutorial system. The PTA meetings are also intended for obtaining feedback. Positive suggestions are discussed within the department and then handed over to the members of BoS of the concerned subjects for effecting changes. Modern technology regarding curriculum is utilised for the enrichment of new programs.

### **1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?) Any other relevant information regarding curricular aspects which the college would like to include.**

Two programs were introduced by the institution during the period 2010-2015:  
 B B A and M Sc. (Mathematics).  
 Both the courses were started as a result of demand from the stake holders.

BBA	For initiating students to the world of Business
MSc (Mathematics)	To enhance the mathematical acumen of the students

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

### **2.1 Student Enrollment and Profile**

#### **2.1.1 How does the college ensure publicity and transparency in the admission process?**

The Zamorin's Guruvayurappan College is a reputed first grade college and the admission process is merit oriented. Till 2013, the college had a centralised admission committee to look after the admission process.

Publicity regarding the Courses offered by the college is ensured using:

- Institutional Website - The College Website is updated periodically, and furnishes the necessary information for a candidate seeking admission.
- A prospectus of the college and a Calender are printed and distributed.
- Notification published by the University in Regional and National newspapers and on the website of the University.
- In addition, enquiries received via e-mail, telephone calls and in person at the Enquiry Counter of the college receive prompt responses, ensuring further publicity to the admission process.

#### **2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.**

Admissions are conducted purely on the merit basis. The rules stipulated by the University and the Government regarding reservation norms are strictly followed. Till 2013, admissions were done by the college authorities. The college had a centralised admission committee which prepared the merit lists and admitted the students to the various courses. After the admission procedures were over the details were verified by the University. Since 2013 the University of Calicut has followed single window method of centralised admission process. The rank lists are prepared by the University.

Students from other disciplines who want to join MA English course have to appear for an entrance test conducted by the University. The only program for which common admission test is conducted is the self financing course, MSc Health and Yoga Therapy.

**2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.**

	Program	Maximum Percentage	Minimum Percentage
UG	English	72.2	57.2
	Malayalam/Sociology	70.6	60.1
	Hindi/History	68.2	61.9
	History	68.7	63.1
	Economics	72.4	68.2
	Bcom	92.6	72.2
	BBA	72.6	70.2
	Mathematics	72.7	46.2
	Physics	75.8	55
	Chemistry	75.4	42.3
	Botany	87.75	61
	Zoology	72.4	62.8
PG			
	English	86.2	77
	Malayalam	79.2	60.5
	Economics	85.2	77.5
	Sociology	89	72.7
	Mathematics	84.5	64.2
	Chemistry	88.2	84
	Botany	93.2	87.5
	Health & Yoga Therapy	63.2	53.5
	MCom	89.2	82.7

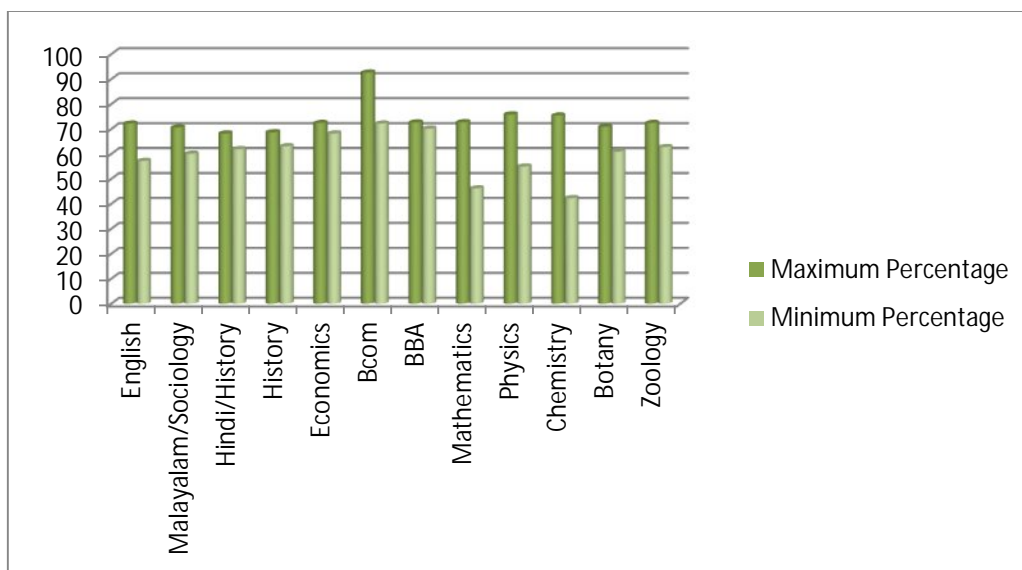


Figure 1: Entry Level Marks Percentage – UG

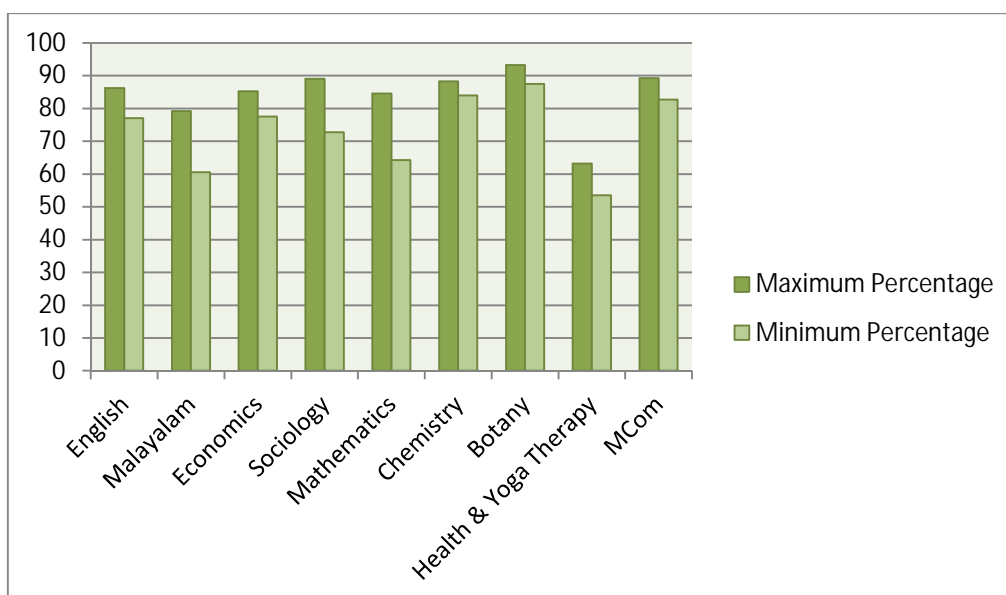


Figure 2: Entry Level Marks Percentage – PG

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

The centralised admission committee is in charge of the admission process. At the time of admission, the student details are collected and an online register is maintained. This is later passed on to the respective departments and tutorial cards are issued. This method has helped the college to monitor students properly.

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

**\* SC/ST**

- \* **OBC**
- \* **Women**
- \* **Differently abled**
- \* **Economically weaker sections**
- \* **Minority community**
- \* **Any other**

The University of Calicut has a well defined policy directed towards the upliftment of SC/ST, OBC, Women and differently abled students. The admission procedures strictly adhere to reservation policies set by the government. 5% of the seats in all courses are reserved for ST students and 15% for the SC students. Three percent of the total seats are reserved for physically challenged students.

Grants from the government are disbursed amongst the students on time and their grievances are rectified in a timely manner. The differently-abled students are provided with reading software. Scribes are arranged for the visually and mentally challenged students. The alumni association has instituted scholarships for the financially backward students. The UAE chapter of the alumni association offers flexible scholarships to twelve students in the UG and PG classes who come from economically backward sections. The amount could be used for various expenses like purchase of dress, food etc.

The college provides encouragement to students who are economically backward by providing various scholarships in the following way:

**K.R.RAMAN MEMORIAL SCHOLARSHIP** for the best student of the B.Sc. Mathematics class who is economically backward and does not enjoy other scholarship (Donors: by Staff of the Guruvayurappan College in memory of late Sri. K.R. Raman who was Lecturer in Mathematics)

**MANIKKETH GOPALA MENON MEMORIAL PRIZE** to an economically weak student of the I year B.A. course (English, Hindi/History, Soc./Mal) (Donors: Mrs. Bhagi. G. Menon in memory of her father, Late Shri. Gopala Menon who was previously India's High Commissioner to U.S.A. and an old student of ZGC).

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

The following table contains the information regarding the Demand ratio for various UG and PG courses during 2010-11. From 2012-13 onwards, the University implemented centralized processing system for admissions.

Programs	Number of applications	Number of students admitted	Demand ratio
----------	------------------------	-----------------------------	--------------

<b>UG</b>			
English	1200	40	1:30
Malayalam/Sociology	218	45	9:44
Hindi/History	710	29	3:71
History	825	60	4:55
Economics	1122	60	3:56
Commerce	1152	60	5:96
Mathematics	780	48	4:65
Physics	863	48	1:18
Chemistry	420	48	4:35
Zoology	463	32	2:29
Botany	489	32	4:61
<b>PG</b>			
English	252	20	2:25
Malayalam	105	19	4:21
Sociology	105	20	4:21
Economics	324	20	4:65
Commerce	264	20	4:53
Chemistry	152	10	1:15
Botany	164	12	3:41
Yoga	22	10	1:2

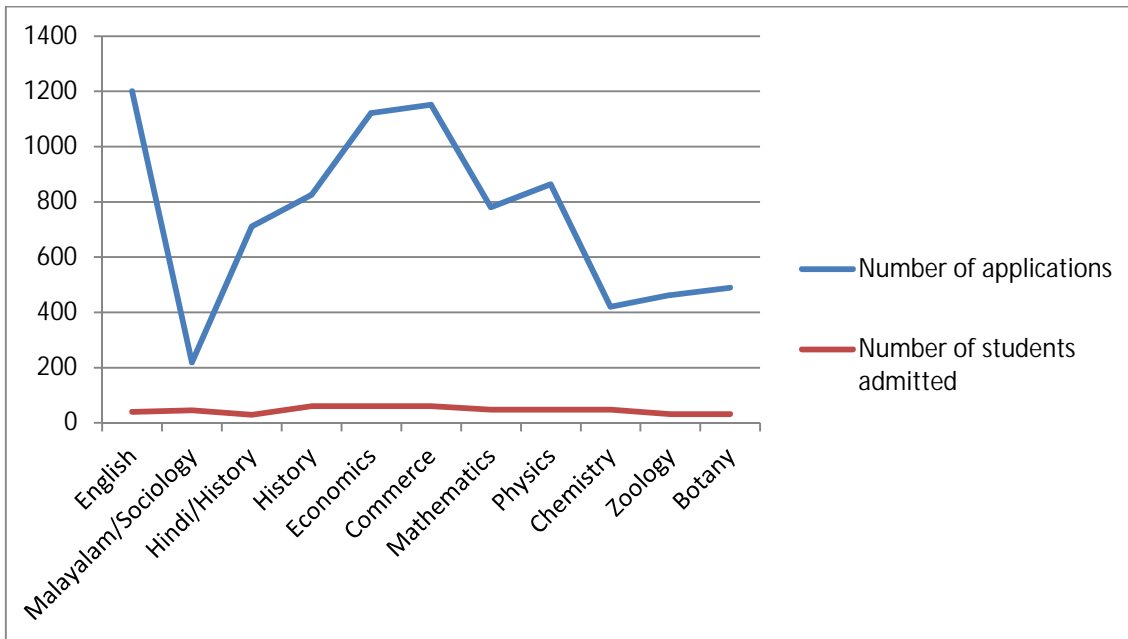


Figure 3: UG Demand Ratio

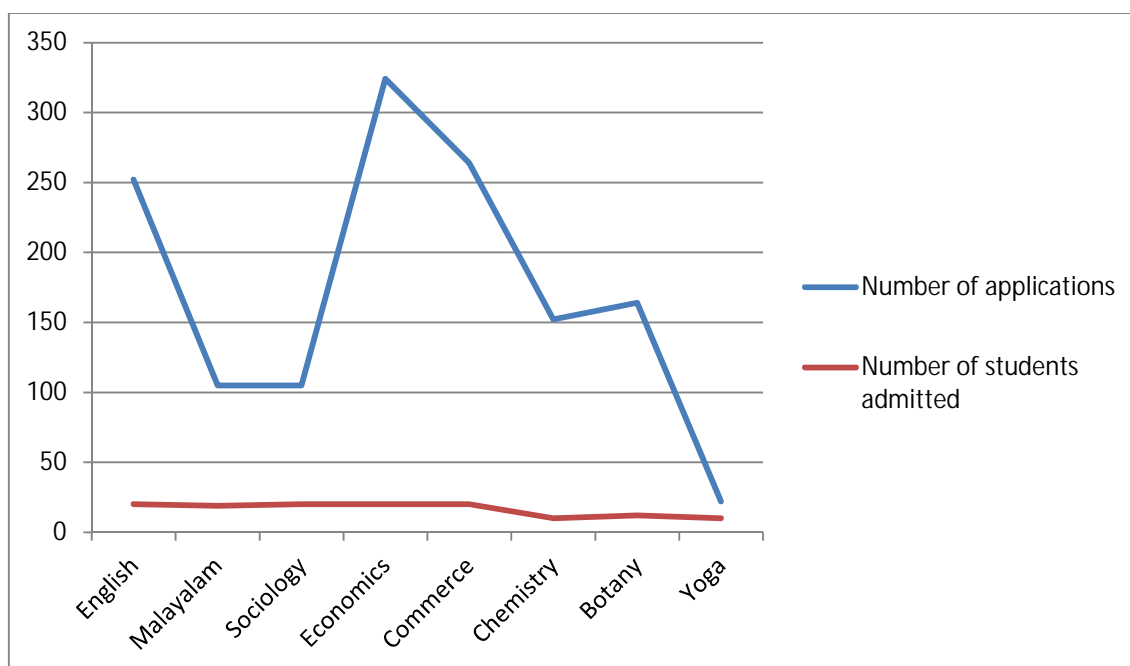


Figure 4: PG Demand Ratio

## 2.2 Catering to Student Diversity

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

Differently-abled students are offered a lot of facilities by the college. Entry-level tests help to identify the differently-abled students. These students are given necessary guidance and assistance by the departments. In the case of students who are particularly weak academically, special tutoring is given on a one-to-one basis. We also use the resources of the academically bright students to help the weaker ones. The resources of differently-abled students are also tapped and utilised via the various clubs.

The University of Calicut has strict guidelines relating to the admission of differently-abled students and the reservation percentage is adhered to by the college. Two computers in the library is supported by reading software to aid blind students. Scribes are provided to visually challenged students to help them appear for exams. Additional support is provided by the respective tutors whenever there is an issue of not being able to cope up with the rest of the class.

When differently-abled students are allotted rooms in the hostel, they are given preference in matters relating to facilities.

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

After the admission procedure, each department conducts entry-level tests to assess the students. Orientation programmes are conducted for the first-year students. Quizzes are

conducted by the teachers and language teachers assess the speaking and reading capabilities of the students.

Bridge courses are then conducted by the departments and after the first evaluation tests, remedial classes are arranged for the weaker students.

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

In addition to the bridge courses and remedial classes, teachers dealing with the core subjects give special orientation to the students. The students are introduced to the various papers and they are given orientation regarding job opportunities available to them. The alumni who have made a mark in their respective careers are invited to give inspiring lectures.

Advanced learners of senior classes are made to engage lecture sessions for students of junior classes.

Other programmes such as Walk with the Scholar and Scholar Support Scheme etc are also made available to the students.

Three add-on courses, one each in Hindi, Physics and Physical Education also supplement student knowledge.

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

The campus is better known as a 'green campus' and is a popular site for the shooting of films, music albums etc because of the ambience and greenery. Students who join the college are immediately encouraged to adopt environment-friendly approach. Maximum efforts are taken to make the campus a plastic-free campus. Sale of chocolates and other such edibles packaged in plastic wraps are strictly prohibited inside the campus.

A major artists Camp that is conducted annually by the college, the ACK Raja Memorial Artists Camp is an open air residential camp. Apart from the staff and students of the college, well-known artists from different parts of the country participate in the camp.

There are many cells like the Women's Development Cell, Bhoomitra sena, Tourism Club, Nature Club and Folklore Club functioning in the campus. Various programmes relating to gender sensitisation, legal awareness, cyber crime, organic and traditional food fests, tree planting sessions etc are conducted by these cells.

There is also a Grievance Redressal Cell where students can take up any issue regarding the violation of their rights.

The ED club conducted a paper bag- making demonstration camp. Students of the club later marketed the bags made by them.

Given below is the list of programs conducted in the college to sensitise the students on issues like gender and environment:

Sl no	Type of program	Topic	Resource Person
-------	-----------------	-------	-----------------

1	Lecture, ( Nature Club, NSS and Development Club)	Bio-diversity of Western Ghats	Dr K Azeez
2	Seminar( Dept of Economics)	Gender Economics	Collaboration with Forest Dept
	Activity	Planted saplings on World Environment Day	
	activity	Clean and Green Campus Mission	
3	Lecture( Nature Club)	Understanding our Niche in Conservation	Dr Amitha Bachan
4	Seminar( Dept of Sociology)	Media and Women	

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

The entry level tests and the internal assessments conducted at the beginning of the semester help to identify advanced learners. Advanced Learners are given a lot of opportunities for improvement. They are encouraged to take up research projects that are more challenging and are directed to present their findings even in venues outside the college. Many of our advanced learners have won prizes in paper presentation contests.

Advanced learners are given opportunities to hold lectures in junior classes.

Walk with the Scholar Program is a government funded program aimed at identifying advanced learners and giving them opportunities to excel in their fields. The program arranges specialised mentoring for students in Arts, Science and Commerce and it is open for all students entering the first year of undergraduate Program of study.

The Advanced learners are encouraged to participate in the activities of the clubs and other such extra-curricular activities so that there is an overall development of their personality.

### **2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?**

There is an effective tutorial system that monitors the attendance of students. Students with less attendance are identified; their reasons sought and remedial measures are undertaken. The departments try to solve the social and economic issues of the students and at times counselling is given to parents and guardians as well. Scholarships are arranged with the aid of the alumni if the student is unable to pursue studies because of economic reasons. The UAE chapter as installed scholarships for students who face economic problems

The problems of the physically challenged are catered to and most of the issues have been sorted.

Slow learners are given remedial classes and offered the services of the Scholar Support Program.

Counselling services are also provided to students who have problems.

## **2.3 Teaching-Learning Process**

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

The academic Calendar provided by the University is strictly followed and the internal assessment done according to the time prescribed. In addition to this continuous evaluation through presentations, viva-voce, assignments, quiz competitions and other such methods are used by the faculty according to the needs of the topic and the aptitude of the students. The evaluation report is submitted to the CUCBCSS committee at the end of every semester and is also forwarded to the University. In addition to the tests recommended by the University, additional tests are conducted by the departments. The departments decide on the areas of the syllabus to be taught for the oncoming tests. Teachers prepare teaching plans for every month and this is analysed at the end of every month. The work that has not been completed as per schedule is adjusted by engaging extra classes or carried over to the next month.

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

The IQAC conducts regular meetings with the Heads of various departments to enquire about the facilities to be increased for better teaching learning environment. Discussions on how to improve discipline, intake and output of knowledge resources, sharing resources, results etc. are conducted. Annual meetings are conducted with parents and students to cater to their needs and suggestions. Informal meetings with the students are conducted to identify areas which do not surge in a formal meeting. Discussions are conducted with the office staff as well. The results of the meetings are discussed by the IQAC and presented before the Management for further action. The IQAC has also conducted institution level seminars for teachers, Non-teaching and administrative staff and students. They are on topics like:

- Acquiring API Scores & Submitting PABS based proposal under CAS ( UGC Scheme 2006-2016)
- “Service Rules and Regulations with special emphasis on RTI Act and Rules 2005
- “General informatics”, “competence effectiveness”, “Current Trends in Literature”

In addition to this the IQAC actively involves in the activities of the various departments, clubs etc. that provide holistic nourishment for students of diverse talents. Through interactions with the CUCBCSS committee, Discipline committee, Grievance Redressal cell, Counselling cell,

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

There are smart classrooms in the Departments of Malayalam and Physics, There is an IT lab, a language lab in the Department of English, and a digital classroom in the research centre which enables e-learning. There is a good library and four seminar halls. In addition to the facilities in the college the students are encouraged to present papers at other institutions. Many talks by eminent personalities in various fields are conducted for the sake of students. All these features help students to develop skills like interactive learning, collaborative learning and independent learning.

Learning is made student-centric primarily by being vigilant to students' needs. The problem solving method is adopted to address these requirements. To cite two examples, the department of English started an English club in 2008. The objective of the club is to expose the students to the English language in ways, which are not possible through the regular curriculum. This was considered imperative because a large proportion of our students have been educated in the regional language medium. Since our goal is to make the students develop global competency, an English Club with the objective of developing reading, listening, speaking and writing skills assumes importance. We have been using the following methods to implement this:

- Conversation groups
- Book/film reviews
- Reading strategies
- Debates/discussions on current issues
- Film shows
- Giving talks on different writing genres
- Creative writing

Another noteworthy example is the project work of BSc students in the Department of Zoology. The students are encouraged to take up projects with social relevance. They have taken up projects in the following areas:

- Mental retardation
- Dyslexia
- Autism
- ADHD
- Sickle cell anaemia

The students also do projects wherein they explore the biodiversity of the campus. Acquisition of life skills, management skills etc are part and parcel of the campus milieu. In a politically charged campus like ours learning life skills becomes easy. Leadership building is an inevitable outcome of such a campus. Current/ relevant issues are debated and discussed through literary and Debate club. The Entrepreneurship Development Club (ED Club) also contributes by acquainting the students with application-oriented techniques in marketing/skill learning as an extension of their curriculum. The college union conducts several

programmes for the benefit of the students. In 2015 the college union conducted an International Film Festival in the campus.

All departments give training to the students teaching methods and the students also present seminars. All dissertation/ projects of various classes are streamlined in such a manner as to allow the students to apply and manage acquired knowledge and skills.

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

In addition to classroom activities the students participate in an election to form the college union. The college union functions as an independent body with guidance from the staff advisor. They conduct an Inaugural function, College Day, Fine Arts competitions leading to B Zone and Inter Zone competitions, Sports Day and various other cultural and academic programs like debate, literary fest, food fest etc. Students also participate in festivals conducted by other institutions like NIT (Ragam Fest, Chingamasam Fest etc.). They also participate in various programs conducted by media.

- Audio Visual Club in collaboration with Media Club organized AVANT GARDE, a new- generation reality show Grand finale of the channel Media One. Fourteen selected Short Films were presented, open forum conducted and nine prestigious awards were given to film directors Renjith, Sibi Malayil, Shibu Chakravarthi etc.
- Literary and Debate Club conducted a versification competition and also a discussion on “ Campus Politics- Problems and Possibilities”
- Dance and Music Club organized a festival which was inaugurated by G.Sreeram , a famous play back Singer. A Sangeetha Silpam and a musical programme ‘Pranayardram’ were the highlights of the programme
- Martial Arts Club organized demonstration programmes in Karate, Taekwondo, Kalari and Kalarivadipayattu.
- The English club conducts various programmes like quiz competitions, debates, poster competitions, essay writing competitions to support literary creativity among students.
- Drama Club: Drama club organised a couple of drama exhibitions both in college and at external venues. State award winning drama activists like Noushad, have interacted with students during drama workshops.

- Consumer and Development clubs organised a Consumer Protection Awareness campaign for the students. The session was handled by Adv. Radhika and it was followed by an active interaction session.

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

There are smart classrooms in the Departments of Malayalam and Physics, There is an IT lab, a language lab in the Department of English, and a digital classroom which enables e-learning. There is a good library and four seminar halls. In addition to the facilities in the college the faculty makes use of the library at the University of Calicut, other Institutions and e-learning resources for effective teaching. There is an understanding with IICT, Hyderabad to share resources. The faculty also uses the library resources of institutions like IIMK, KIRTADAS, IISR, Anweshi etc

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

Blended learning is made possible through the curriculum which offers a wide variety of topics for enthusiastic learners. The curriculum is designed in such a way that the needs of the present day society are met with. Talks by experts in various fields were given. Seminars and workshops were conducted in the college during 2010-15. Some of them are:

Sl.No	Department	Topic	Resource Person
<b>2010-2011</b>			
1	Health Club	Breast Cancer	Dr.Durga Prasan, consulting Onchologist BMH
2	Zoology	Wild Life Conservation with special emphasis on Mammals	Mr.Abdul Riyaz,HOD, Govt College Kodanchery
<b>2011-2012</b>			
1	English	Film Culture	Ratheesh Radhakrishnan

2	Economics	Global financial crisis and Wall Street Movement	K.T.Kunchikanan
3	Development Club	Energy crisis in Kerala	Dr.M.G.Suresh Kumar
4	Health Club	Breast Cancer	Dr.Durga Prasan, consulting Onchologist BMH
5	Economics	Research Workshop on Kerala Economy	Dr. Mary George, Dr. Hari Kurup, Dr. Jayaprakash Raghavayya
<b>2012-2013</b>			
1	English	Various trends in Post Colonial Studies	Dr.P.P.Raveendran
		Advanced Communication	Mr.Premanath
		Modernism and Realism : Literature and Science	Dr.S.Nageesh
2	Mathematics	C Programme	Smt.Lalitha Satyanand
		Fifteen Hours Communication Programme	Mr.Premanath
3	Physics	Extension Lectures	Dr.P.M.G.Nambisian
			Dr.Jeevan Job Thomas
			Prof.Papootty
			Dr.Renjith.P
			Dr.Subha.P
4	Botany	Secondary Metabolites	Dr.C.J.Mani
5	Zoology	The Mangroove Ecosystem	Dr.Jafer Palot
6	Health Centre	Life Style Diseases	Dr.Premachandran

		Drug Usage among College Students	Dr.Hareesh Babu
7	Economics	Intercollegiate paper presentation and quiz competition, Economics Exhibition	Former Kerala Forest Minister Binoy Viswam
		Research Workshop on data Analysis	Dr. Shyjan Davis
		Research Methodology workshop	Dr. T M Thomas Isaac
<b>2013-2014</b>			
1	English	The Challenges of Learning a Foreign Language and the significance of Language Learning	Prof. Ummar Farook
2	Malayalam	Folklore	Sri.Barathan
			Dr.K.M.Anil
			Dr.Raghavan Payyanad
		Theories and Literature	Dr.C.Rajendran
		Transalation	Dr.V.Somanathan
			Dr.K.M.Sherif
		Sri.Unnikrishnan Chelembra Memorial Lectures	Prof.K.P.Shankaran
			Sri.A.Vijayaraghavan
			Prof.K.Narayanan
		Poems of Sri.N.N.Kakkad	Sri.P.Narayanan
3	Hindi	Hindi as Official Language	Dr.R.Surendran
4	Physics	Beyond Mars	Prof. Papootty

5	Economics	The Economics of Media	Mr.Dinakaran Kombilath
		Easy English Communication	Mr.Sreeleash
		Data Sources	Mr.Saju.K.Surendran
		National Seminar on "Election Laws and Reforms" in Collaboration with Institute of Parliament Affairs	Dr. J Prabhash, Adv. Jayasankar, Adv. Sivan Madathil
		Anti Liquor campaign for college students	Adv Sujatha Varma, Iyyachery Padmini, Iyyachery Kunjikkrishnan
6	Sociology	Research Methodology	Dr.Lakshmi.V.Nair
7	History	Research Methodology	Sri.P.J.Vincent
		Practices in Archaeology	Dr.V.T.Padmaja
		Gandhi and Mass Mobilization	Dr.Leina
8	Commerce	Management through Bhagavat Gita	Bhoodananda Saraswathi
9	Health Club	Acupuncture	Dr.Geetha Gopalakrishnan
10	Folklore Club	Importance of Folklore Clubs in Educational Institutions	Dr.E.K.Govinda Raja
11	Heritage Club	Scientific Heritage of India	Sri.C.Krishnan Namboodiri
		Cultural Heritage of India	Sri.M.K.Padma Prabha
12	Mathematics	Scope of Mathematics in IT field	Sri. Raja Narayanan
		Ordinary Differential Equations	Sri.Shinoj K M

		BESSEL Functions	Sri.Shinoj K M
<b>2014-2015</b>			
1	History	Life and Philosophies of late Historian Bipan Chandra	Dr.K.Gopalankutty
2	Mathematics	Measure Theory	Dr.Kiran Kumar
		Modern Algebra	Sri.N.Gopalakrishnan Nair
		Fuzzy Graphs	Miss.manjusha.OT
		Value Education and Motivation Class	Dr.C.N.Balakrishnan Nambair
		Discrete Borg-Type Theorems	Dr.Kiran Kumar
		Complex Analysis	Mr.Sajeesh Kumar
		Motivation Class	Prof.Zakriya.M.V
		Reiman Integrals	Mr.Hussain
		Sequence and Series of Function	Prof.C.P.Muhammed
3	Chemistry	New Paradigms in Chemistry	Dr.George Mathew
4	English	Basis of Film Studies	Sri.T.Muralidharan
		The Transformation of English Language in Modern Times	Dr.Rengarajan
5	Botany	Medicinal Plants and Snake Poisoning	Dr.P.M.Manoharan
6	Zoology	Darwinian Beauty Concepts-An Analysis	Dr.S.Santhosh
		Skill Development	Mr.Bharat Das & Dr.Hafis Muhammed

7	Commerce	Online Trading	Prof.Vijayakumar
		Interview Skills	Sri. Nishanth Gurjar
8	Physics	Science for Nation Building	Dr.P.Sethumadhavan & Dr.M.K.Satheesh
9	Economics	National Seminar on "Gender Economics"	Dr. T M Thomas Issac, Dr. Poulami Mukherjee, Dr. Sunny Jose, Dr. Dileep Raj, Dr. T K Anandi

**2.3.7 Detail (process and the number of students \benefitted) on the academic, personal and psycho-social support and guidance services (professional counselling/mentoring/academic advise) provided to students?**

The students are offered support and counselling at different levels during the course of their programs. The tutorial system offers a comprehensive mentoring facility. Much of the academic and personal support is provided by the department itself. The Career Guidance Cell and the Counselling Centre offer expert advice on a wide range of issues. More than one hundred students have received psycho-social support from the Counselling centre. Students with serious psychological ailments were directed to consult experts in the field.

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

- Internal assessment made meticulous and transparent. Undergraduates who join the college are given an orientation on the very first day regarding the significance of internal assessment.
- Attendance monitoring made strict.Students with shortage of attendance are informed about it at the end of each month.
- Collection of feedback during each semester for all the programs.
- Career Guidance Cell to develop the soft skills of the students and help them get placements.
- Upgradation of two departments (Economics and Botany) to research centres. Upgradation of three other (English, Malayalam and Chemistry) on the anvil.
- Use of ICT and CAL made imperative in the teaching-learning process.
- Open book examinations and online examinations are conducted as part of continuous evaluation.

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

The librarian/staff helps the students to search for books and other material. They motivate students to visit the library daily. New arrivals are kept in open racks to attract and create interest in readers. 2 Mbps broadband Internet connection is available in the library. The first year students are given an orientation on the rules and regulations of the Library. Both teachers and student have access to internet services during the working hours free of any cost. Reprographic facility is available at the Student Support Centre. Online access to e-journals is provided through INFLIBNET. Book reservation facility is provided. Search and location assistance for printed as well as e-learning resources through N-List and other educational web-sites are provided. Regular feedback is collected from library users.

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

Student agitations and holidays sometimes pose difficulty in completing the curriculum but this difficulty is overcome through the conduct of special classes and remedial sessions.

### **2.3.11 How does the institute monitor and evaluate the quality of teaching learning?**

The quality of teaching is analysed through the outcome of continuous evaluation. It is first analysed in department meetings. Then it is evaluated by the CUCBCSS committee. The college council is the super body that evaluates and finds remedy to the problems arising in the process. Feedback collected from students at the end of each semester also helps in evaluating the quality of teaching learning.

## **2.4 Teacher Quality**

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

The members of the faculty are selected by a duly constituted Staff Selection Committee, which includes the District Collector representing the Government and a subject expert, as per the provision of the statute of the University of Calicut and the rules of the Government of Kerala prevailing from time to time. The college appoints guest lecturers in the event of some delay in appointing permanent staff.

The following table gives the details of teacher quality during the academic year during 2014-2015

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc/D.Litt							
Ph.D			9	8	10	8	35
M.Phil			5	1	2	4	12
PG			3	5	4	21	33
Temporary Teachers							
Ph.D							
M.Phil							
PG							
Part-time teachers							
Ph.D							
M.Phil							
PG					2	16	18

### Permanent Teachers

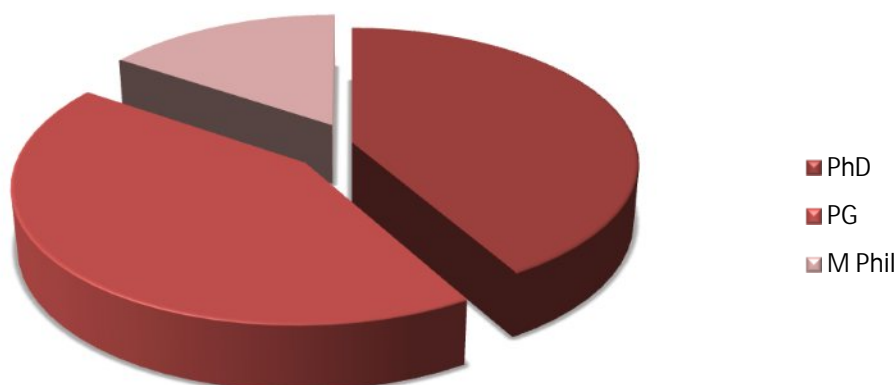


Figure 5: Highest Qualification of Permanent Teachers

The institution provides a conducive work culture to retain the faculty. The management encourages research activities in the campus. Remission of work is permitted to present papers at seminars. The management encourages the participation of faculty members in refresher courses and training programmes and also to avail Faculty Development Programs for Research. Training sessions are conducted to update the knowledge level.

The PG departments have all initiated the process of upgrading to research departments. This also serves to retain the young faculty.

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

Senior teachers update their knowledge in new vistas. The institution encourages teachers to participate in seminars and workshops to enhance faculty knowledge in these emerging fields. Junior teachers who are well-versed in the new areas of knowledge are employed, encouraged and promoted in enhancing their quality to meet the requirements of the time.

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

**a) Nomination to staff development programmes:**

Faculty / Staff development programmes	No. of faculty benefitted				
	2010-11	2011-12	2012-13	2013-14	2014-15
Refresher Courses	4	2	3	6	8
UGC- Faculty improvement programme	3	3	3	2	0
HRD Programmes	2	2	1	1	0
Orientation Programmes	5	4	1	1	2
Faculty exchange programme	0	0	0	0	0
Staff training conducted by the university	1	3	0	1	0
Staff training conducted by other					

institutions	1	0	1	2	0
Summer/ winter schools, workshops etc	13	17	25	19	6
Others	0	0	0	2	0

**b) Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning Teaching learning methods/approaches handling new curriculum**

The university and the institution have provided training programs to enable the faculty to handle the new curriculum. Training in Informatics was provided. The IQAC conducted a seminar on ‘Acquiring API scores and submitting PABS based proposal under CAS’. The IQAC also conducted a talk on ‘General Informatics’, “Competence Effectiveness”, and “Current Trends in Literature”.

**c) Percentage of faculty**

- **Invited as resource person in Workshops/Seminars/Conferences organized by external professional agencies.**
- **Participated in external Workshops/Seminars/Conferences recognized by professional bodies.**
- **Presented papers in Workshops/Seminars/Conferences recognized by professional agencies.**
- 

	No.of. Faculty	International level	National Level	State Level
<b>2010-2011</b>	Attended	3	24	15
	Presented Papers	7	18	6
	Resource Persons	Nil	03	Nil
<b>2011-2012</b>	Attended	Nil	13	18
	Presented Papers	11	21	21
	Resource Persons	02	08	04

2012-2013	Attended	01	19	12
	Presented Papers	05	30	11
	Resource Persons	02	03	08
2013-2014	Attended	04	38	11
	Presented Papers	03	27	09
	Resource Persons	Nil	03	08
2014-2015	Attended	01	09	20
	Presented Papers	06	11	09
	Resource Persons	Nil	07	06

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

The Management provides sanction for FDP leave and also encourages faculty by permitting them to participate in Workshops and Seminars. They also advance necessary amounts to faculty to supplement the delay in getting salary during FDP. They also support the faculty by giving grants to participate in International Conferences. For example, Dr. Rajeev N.E. of the Department of Physics was allowed an amount of Rs. 35000/- for participating in an International Conference to present a paper.

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

Dr. T. Ramachandran, our present principal received an award for best poster competition at a National Seminar on Physics. Three of our faculty received state level awards. Dr. Meera. P. I received the young Translator Award from Bhasha Samanwaya Vedi; Sri Rajan Malayil received the Blood donor's Award from the AIDS Control Society. Smt. Arya Gopi received the Vyloppilly Award for creative writing. These teachers represent the field of Language, Science and Commerce that shows how the institutional ambience promotes excellence in all fields. The free atmosphere created by a rapport between the management and teachers provide a fertile haunt for creativity to flourish resulting in the receipt of such awards.

Moreover this institution has hosted a number of students who have been world famous statesmen, politicians, journals and creative writers who were socially responsible citizens.

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

The institution has a mechanism for students to evaluate teachers. The IQAC has prepared a feedback form and feedback is collected from a sample group each semester. The feedback is collected by the respective departments and analyses are conducted within the departments. The teachers make improvements/changes after analysing the feedback data. The feedback is often used to improve communications with weaker students. Extra help is given to student groups thus identified.

**2.5 Evaluation Process and Reforms**

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

Through effective tutorial system and PTA meetings the institution ensures that the students and other stakeholders are aware of the evaluation processes. PTA meetings are conducted at least once in every month in each department and PTA General Body is convened annually to ensure overall performance and stakeholder feedback. Orientation classes are provided to all first semester students.

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

The Institution follows the pattern provided by the University which includes two internal examinations and one external examination in each semester. In the sixth semester there is a Project submission and a viva-voce. These processes are monitored by the CUCBCSS cell of the College. The evaluation system has been altered by the University thrice in the last few years. The University oversaw the transition from annual system to the semester system. Semester system itself saw transition from an evaluation pattern based on Marks to one based on Grades. The University has recently reverted back to the semester system based on marks. The College has implemented these changes in a timely manner and has not felt the necessity to alter the efficient system formulated by the University.

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

The College Council makes a detailed discussion on reforms like marks/grade systems, CCSS/CUCBCSS etc. and entrusts the implementation of their decisions upon the Committee called CUCBCSS Cell under the leadership of a Convenor and representatives from each Department. The Cell ensures that the various branches of the College follow the time schedule of the University.

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

Two formative assessments and one summative assessment are conducted every semester. In addition to this class tests, seminar presentations, written assignments, and mock viva are conducted within the college. It helps the students who are weak in either written or oral presentation of the study material to enhance and balance their performance.

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

The weightage assigned by the University at present for internal assessment is 20 marks. The division of marks is as follows: 5 marks for attendance, 5 each for the first and second internals, and 5 for written assignments/seminar presentations. These marks are allotted taking into consideration the students' behaviour, independent learning skill, communication skills, etc.

**2.5.6 What are the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?**

The graduate attributes specified by the college are:

- Ability to pursue higher education
- Employability skills
- Formation of good responsible citizens

By ensuring the quality of the student in academics, communication, social sensibility, responsibility to the community, and the ability to build positive relationships with the larger community through curricular, co-curricular, and extra-curricular activities, the College facilitates the attainment of the graduate attributes.

**The following scholarships are constituted for students to pursue higher education:**

FOUNDER'S MEDAL for the students who distinguishes himself/herself by outstanding performance in one of the degree examinations Arts, Science & Commerce. (Donors: Members of Zamorin's Swaroopam).

SCIENCE SCHOLARSHIPS for the best students in all 5 Science Batches (Botany, Zoology, Chemistry, Physics, Mathematics) who secures highest score in University Examination (Donated by Sri M.A. Menon and M. Indira in memory of their beloved father Late Sri P.C.V. Raja, Eravapad Raja of Calicut, Mother Late Smt. M. Janaki Amma & Brother Late Sri. M. Venugopalan)

P.K.S.RAJA MEMORIAL ENDOWMENT SCHOLARSHIP to the best girl student who has joined the Ist M.Sc. Physics course after completing B.Sc. Physics from Zamorin's Guruvayurappan College, She would be the recipient of the same next year provided she continues the course (Donors: Mrs. V.S. Raja, Building D-2, Flat No. 15, Chinthamani Nagar, Bibivewadi, Pune-37)

**The following Prize is given to socially responsible students:**

MUHAMMAR AMIN SHIROS MEMORIAL ENDOWMENT (NSS) to the best NSS volunteer (s) of the academic year (Donor: Deepak Kumar.K, former student of The Zamorin's Guruvayurappan College, in memory of his friend and classmate, Shiros who was also a former student of this college).

Prize sponsored by Mrs. Krishnaveni, Assistant Professor of Mathematics in memory of her late Father Sri. Balakrishnan Nambiar for the students of Mathematics who have shown exemplary social commitment.

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

There is an Academic Grievance Redressal Cell in the University. Before placing complaints before this Committee, the students are directed to place their grievances with their Class Tutors. If the issue is not resolved, they may approach the Grievance Redressal Cell of the College. If necessary, they can also seek the help of the Counselling Centre in the College.

**2.6. Student performance and Learning Outcomes**

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

The internal and external marks are displayed in the college notice board. A committee for CUCBCSS evaluation monitors the learning outcome and reports the same to the College Council. The Council makes decisions to alter and improve the quality of students as reflected in the learning outcome.

**2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an**

**analysis of the students results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.**

The institution tracks the progress in academic affairs by conducting meetings of the heads of the departments and tutors to discuss the progress of the students. The results of the examinations are on its rise but the year 2014-15 saw a small drop in the academic environment because of certain trends that are prevalent in the society. Schooling system up to plus-two also has brought in certain setbacks. But still the disciplines of Humanities and Arts have been able to bring out better results over the years. The Science Departments find it difficult because the quality of students who come for traditional courses has decreased considerably, even though the number has increased.

	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015	
<b>Title of the Programme</b>	<b>Total no of students appeared</b>	<b>Pass %</b>	<b>Total no of students appeared</b>	<b>Pass %</b>	<b>Total no of students appeared</b>	<b>Pass %</b>	<b>Total no of students appeared</b>	<b>Pass %</b>	<b>Total no of students</b>	<b>Pass %</b>
<b>UG</b>										
<b>Economics</b>	52	92	51	51	51	73	51	61	37	73
<b>English</b>	23	83	27	89	27	89	22	91	29	89
<b>History</b>	46	67	36	64	36	64	38	63	43	84
<b>Socio/Mal</b>	50	82	50	90	50	90	45	78	46	89
<b>Hindi/History</b>	23	87	20	60	20	60	18	78	38	58
<b>Mathematics</b>	45	64	30	93	30	93	29	69	43	72
<b>Physics</b>	36	67	38	82	38	82	37	57	39	69
<b>Chemistry</b>	43	56	37	78	37	78	38	76	34	82

<b>Botany</b>	<b>25</b>	<b>68</b>	<b>21</b>	<b>100</b>	<b>21</b>	<b>100</b>	<b>28</b>	<b>46</b>	<b>27</b>	<b>74</b>
<b>Zoology</b>	<b>29</b>	<b>76</b>	<b>27</b>	<b>74</b>	<b>27</b>	<b>74</b>	<b>28</b>	<b>71</b>	<b>22</b>	<b>81</b>
<b>Commerce</b>	<b>61</b>	<b>51</b>	<b>46</b>	<b>96</b>	<b>46</b>	<b>96</b>	<b>54</b>	<b>83</b>	<b>43</b>	<b>84</b>
<b>PG</b>	<b>20</b>	<b>85</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>18</b>	<b>100</b>	<b>16</b>	<b>100</b>
<b>Economics</b>										
<b>Sociology</b>	<b>16</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>94</b>	<b>19</b>	<b>90</b>
<b>English</b>	<b>18</b>	<b>78</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>14</b>	<b>100</b>	<b>13</b>	<b>100</b>
<b>Malayalam</b>	<b>16</b>	<b>94</b>	<b>18</b>	<b>100</b>	<b>18</b>	<b>100</b>	<b>18</b>	<b>94</b>	<b>20</b>	<b>100</b>
<b>Botany</b>	<b>12</b>	<b>75</b>	<b>11</b>	<b>100</b>	<b>11</b>	<b>100</b>	<b>12</b>	<b>92</b>	<b>12</b>	<b>100</b>
<b>Chemistry</b>	<b>10</b>	<b>60</b>	<b>09</b>	<b>100</b>	<b>09</b>	<b>100</b>	<b>09</b>	<b>89</b>	<b>10</b>	<b>100</b>
<b>Health &amp; Yoga</b>	<b>07</b>	<b>57</b>	<b>09</b>	<b>44</b>	<b>09</b>	<b>89</b>	<b>13</b>	<b>100</b>	<b>Result awaited</b>	
<b>Commerce</b>	<b>18</b>	<b>33</b>	<b>16</b>	<b>100</b>	<b>18</b>	<b>94</b>	<b>20</b>	<b>85</b>	<b>18</b>	<b>94</b>

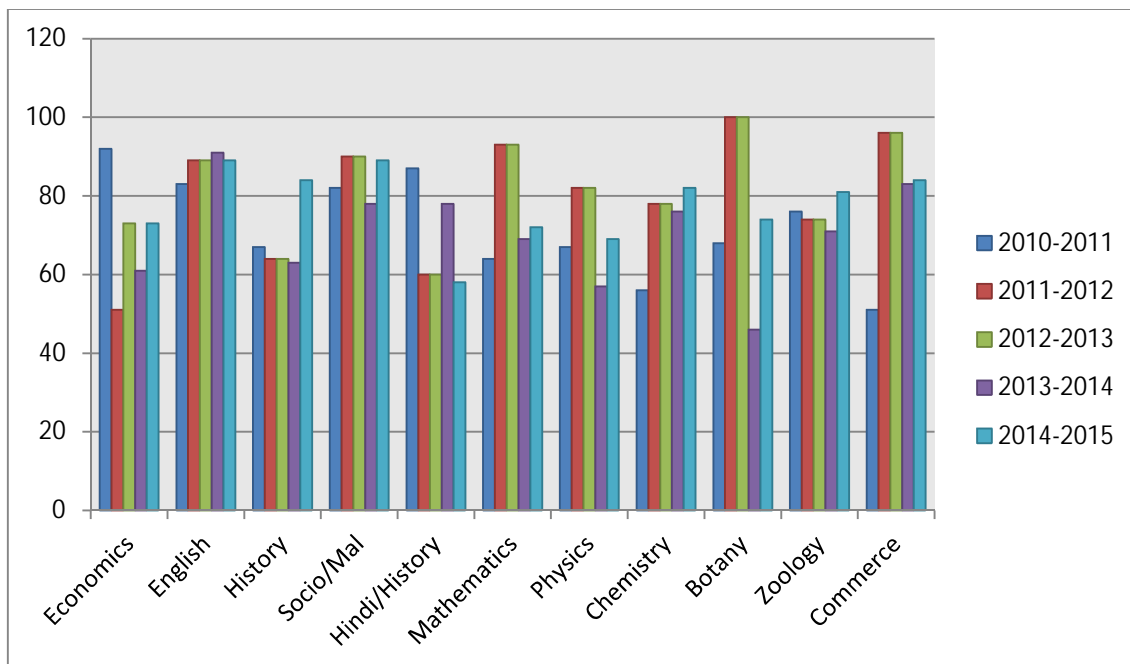


Figure 6: UG Pass Percentage

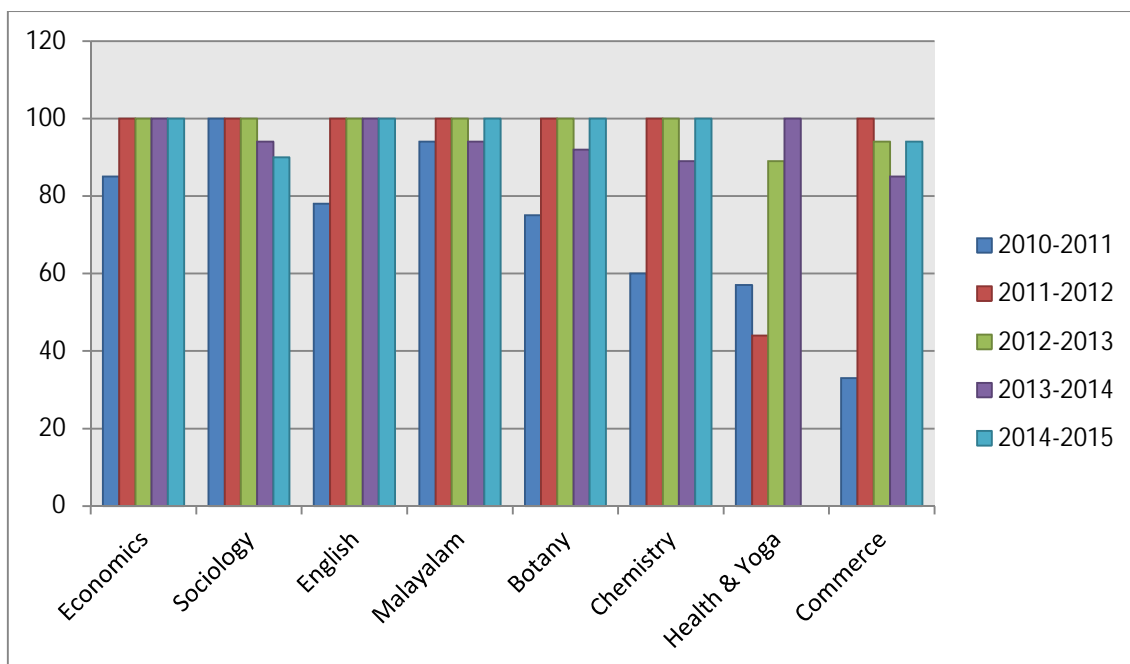


Figure 7: PG Pass Percentage

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

Assessment strategy structure is as follows:

- Tutorials in each class
- Regular Department meetings

- Monitoring by CUCBSS Committee
- Evaluation by the College Council
- Guidance and suggestions by IQAC
- University intervenes through Boards of Studies and the Academic Council

**2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?**

All the courses offered by the University are oriented towards social and economic significance. Further, the Department of Commerce and the Entrepreneurship Development (ED) Club strives to enhance the entrepreneurial capabilities of the students. The Science Departments, Nature Club, and Bhoomitrasena Club conduct industrial visits and study tours oriented towards the enhancement of placement capabilities and conservation of nature. The Humanities Departments train students to become socially committed individuals. Improvement of aesthetic qualities is focused by the Departments of Arts. Activities of the College Union provide a platform for the development of critical thinking and innovative and leadership attributes of the students. All these in turn, orient the students towards research.

In 2010-2011 our college NSS unit under the leadership of Sri Rajan Malayil, Smt. Mayadevi Thampatty, and Dr. P. Usha received the Life Saver Award instituted by the Kerala State Aids Control Society on World Blood Donor Day. Kum. Saranya.P.S, Kum. Surabhi T P and Kum. Neetha S were specially honoured for their repeated donation of blood. In 2011-12, Kum. Saranya of BA History won the State NSS Award. Mr. Unnikrishnan, Mr. Arun.K, Mr. Devadas. K.C, Mr. Vishnu Prasad and Kum. Neetha.S received Blood Donor Awards in 2011-12. Mr.Vipin K. won the Inter Collegiate Elocution competition at St.Joseph College Devagiri. In 2013, Kum. Neetha.S was honoured by the State as the “Best Volunteer”. Kum.Saranya and S.Raj participated in the 63 R.D. Parade at Red Fort, Delhi on January 26, 2013.

Details of Campus Placement:

	On campus			Off campus
Year	Number of organizations visited	Number of students participated	Number of students placed	Number of students placed
2010-11				
2011-12	02	40		14
2012-13				

2013-14	02	60	06	
2014-15				

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

Through departmental meetings, CUCBCSS Cell, and the College Council, the results are collected and evaluated to identify the weak and meritorious students. From the first year onwards, the weak students are encouraged to improve their performances through Scholar Support Scheme. The students belonging to weaker sections of the society are given remedial coaching. Noon meals are provided by the PTA to prevent dropouts and to sustain interest in pursuing academics. The meritorious students are provided additional institutional support through Walk with the Scholar program.

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

From the first year onwards, the weak students are encouraged to improve their performances through Scholar Support Scheme. The students belonging to weaker sections of the society are given remedial coaching. Noon meals are provided by the PTA to prevent dropouts and to sustain interest in pursuing academics. The meritorious students are provided additional institutional support through Walk with the Scholar program.

**2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’ provide details on the process and cite a few examples. Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.**

Yes. From the first year onwards, the weak students are encouraged to improve their performances through Scholar Support Scheme. The students belonging to weaker sections of the society are selective for the program and along with lecture sessions, these students are given study material and light refreshment. Noon meals are provided by the PTA to prevent dropouts and to sustain interest in pursuing academics. The meritorious students are provided additional institutional support through Walk with the Scholar program. The teachers strive to adopt different pedagogical styles for different students based on the assessment and evaluation outcome.

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

**3.1 Promotion of Research**

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

The institution has two PG departments upgraded to research centres. The Departments of Economics and Botany offer research programmes for about nine students. The Departments of English, Malayalam, and Chemistry will soon become research centres.

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

Zamorin's Centre for In Depth research (ZCIR) monitors research activities of the teachers and also conducts programs to encourage and support the students to undertake different research related activities. The IQAC also motivates the faculty to take up fundamental research designed to address the various contemporary issues, so that the nature of the problem and hence its solution can be identified. The IQAC has contributed to obtain Minor Research projects for the faculty. IQAC provides information pertaining to UGC assistance for seminars and helps to obtain funds.

The members of ZCIR are as follows:

#### Members

- |                         |   |                    |
|-------------------------|---|--------------------|
| 1. Dr. G. Indira devi   | - | Coordinator        |
| 2. Dr. Anitha Ramesh    | - | English            |
| 3. Dr. Usha             | - | Malayalam          |
| 4. Mr. Santhosh kumar   | - | Hindi              |
| 5. Dr. Sreekumaran      | - | Sanskrit           |
| 6. Mr. Ranjith Raja     | - | Sociology          |
| 7. Dr. Mallika          | - | Economics          |
| 8. Ms Saleena           | - | History            |
| 9. Dr. Rajan Malayil    | - | Commerce           |
| 10. Ms Krishnaveni      | - | Maths              |
| 11. Mr. Subeesh         | - | Physics            |
| 12. Dr. Indulekha. P    | - | Botany             |
| 13. Dr. Sudheer         | - | Zoology            |
| 14. Dr. Jayakumar       | - | Physical education |
| 15. Mr. E. D. Sani      | - | Statistics         |
| 16. Ms. Tanuja Raghavan | - | Political Science  |

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

- **autonomy to the principal investigator**
- **timely availability or release of resources**
- **adequate infrastructure and human resources**
- **time-off, reduced teaching load, special leave etc. to teachers**
- **support in terms of technology and information needs**
- **facilitate timely auditing and submission of utilization certificate to the funding authorities**
- **any other**

The institution provides autonomy to the Principal Investigator and helps to obtain necessary resources at proper time. A fully fledged research Centre has been constructed to provide good infrastructure and ICT support. Separate rooms are provided for the researchers in the Department of Botany and Chemistry. Assistance is provided for timely auditing and submission of utilisation certificate to the funding authority. The Planning Board and the UGC cell support the faculty who undertake research projects to obtain all types of assistance.

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

The ZCIR, a forum for In Depth research in the campus strives to create research climate in the institution. Two seminars were organised, on the topics “How to prepare the thesis and research articles” and “project formulation and fund utilisation in the higher education” respectively. It also organised an INTERDISCIPLINARY Research summit inaugurated by DR.P.K. Pokker, Head of the Department of Philosophy, University of Calicut. A paper presentation competition on the topic “Technological Changes in Higher Education” was conducted for PG students and “Environmental Development” for UG students. Cash awards and Certificates were distributed to winners.

### **3.1. 5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.)**

Research projects by faculty include:

Major Projects:

- **Dr. Manju C. Nair (Assistant Professor of Botany): Title of Major Project: Systematic and Molecular Characterization of the Family Fissidentaceae (Bryophyta) of Western Ghats [Order no.: DST File no. SB/FT/LS-195/2012. Dated: 26.04.2013]. [Funding agency: Department of Science and Technology (DST)-SERB]. [Rs.: 24,60,000/-]. [Date of start 01.07.2013 Date of completion: 30.06.2016]. [Ongoing]**

- Dr. Leon Prasanth (Assistant Professor of Chemistry): Title of Major Project: Investigation of enatio-reversal in the chiral ligand surface capped metal nanoparticles catalysed reactions. [Order no.: DST-SERB File no. SB/FT/CS-180/2011. dated 01.08.2013]. [Funding agency: Department of Science and Technology (DST)- Science & Engineering Research Board, New Delhi (SERB)]. [Rs.: 15,48,000/-].

Minor Projects:

- Dr. Ranjith Raja, P.C. (Assistant Professor of Sociology): Title of UGC Minor Project: A sociological study about the impact of gulf migration on institution family: a special focus on single parenting from Kerala- comparative analysis. [UGC SWRO Order no. 1619-MRP/14-15/KLCA024 dated 04.02.2015]. [Rs. 2,30,000/-]. [Ongoing]
- Dr. Suneetha, T.V. (Assistant Professor of Malayalam): Title of UGC Minor Project: Influence of cyberspace in Malayalam short stories. [UGC SWRO Order no.1620-MRP/14-15/KLCA024 dated 04.02.2015]. [Rs. 1,80,000/-]. [Ongoing]
- Dr. Kavitha Raman (Former Assistant Professor of Dept. of Malayalam): Title of UGC Minor Project: Theoretical study on male gaze in Malayalam movies with focus on three path breaking movies of three decades. [UGC SWRO Order no. 1621-MRP/14-15/KLCA024 dated 04.02.2015]. [Rs. 90,000/-]. [Ongoing]
- Dr. P.C. Rethi Thampatty (Retired Principal & Associate Professor of Commerce): Title of UGC Minor Project: Problems of women workers at tollbooths and petrol bunks- a study with special reference to Kozhikode district in Kerala state. [UGC SWRO Order no.1618-MRP/14-15/KLCA024 dated 04.02.2015]. [Rs. 1,00,000/-]. [Ongoing].
- Dr. Indira Devi, G. (Associate Professor of Chemistry): Title of UGC Minor Project: Synthesis and characterisation of some benzilic acid amino acid transition metal complexes and their spectral, thermal, antifungal and antibacterial studies. [UGC File No. MRP(S)-0616/13-14/KLCA024/UGC-SWRO dated 26.03.2014. [Rs. 1,52,000/-] [Ongoing]
- Dr. Mahesh, C. (Assistant Professor of Sociology): Title of UGC Minor Project: Male Dominated Politics and Participation of Women in Local Self Governing Bodies in Malabar Region. [UGC order no. MRP(H)-296/12-13/KLCA024/UGC-SWRO dated 23.09.2013] [Rs.1,63,000/-] [Completed]
- Dr. Meera, P.I. (Assistant Professor of Hindi): Title of UGC Minor Project: Cultural glimpses of Kashi in Neelachand (Hindi) and Varanasi (Malayalam): a comparative study. [UGC order no. MRP(H)-298/12-13/KLCA024/UGC-SWRO dated 29.03.2013] [Rs.1,40,000/-] [Ongoing].
- Dr. Mallika, M.G. (Assistant Professor of Economics): Title of UGC Minor Project: Female invisibility and the time utilization pattern – a case study of Kozhikode district. MRP(H)-293/12-13/KLCA024/UGC-SWRO dated 29.03.2013] [Rs.1,40,000/-] [Ongoing].
- Ms. Anooja Chacko (Assistant Professor of Economics): Title of UGC Minor Project: Livelihood strategies of chronically disabled: a case study of Kozhikode district.

[UGC order no. MRP(H)-297/12-13/KLCA024/UGC-SWRO dated 29.03.2013] [Rs.1,45,000/-] [Ongoing].

- Sri. Anil Varma, R. (Assistant Professor of Economics): Title of UGC Minor Project: Theoretical and empirical study on ASEAN-India free trade agreement- a cases study of Kerala's plantation sector. [UGC order no. MRP(H)-295/12-13/KLCA024/UGC-SWRO dated 29.03.2013] [Rs.1,50,000/-] [Ongoing].
- Mrs. Saleena, K.K. (Assistant Professor of History): Title of UGC Minor Project: Migration from Travancore to Malabar: a historical analysis of Kuttiady region. [UGC order no. MRP(H)-293/12-13/KLCA024/UGC-SWRO dated 29.03.2013] [Rs.1,15,000/-] [Completed]
- Mrs. Gangadevi, P.C. (Assistant Professor of English): Title of UGC Minor Project: Family matters: an analysis of the shift in the family patterns in India as represented in the post 90 cultural narratives. [UGC order no. MRP(H)-299/12-13/KLCA024/UGC-SWRO dated 29.03.2013] [Rs.1,15,000/-] [Ongoing].
- Sri. Shailendra Varma, R. (Assistant Professor of Sociology): Title of UGC Minor Project : Impact of Development Induced Displacement on Neighbourhood Relations - A Case Study of Olavanna Panchayath in Kozhikode. [MRP (H)-0300/12-13-/KLCA024/UGC-SWRO dated 23-Sept-2013] [Rs 90,000/-] [Completed].
- Dr. Sudheer, K. (Assistant Professor of Zoology): Title of UGC Minor Project: Studies on The Systematics of Porizontinae (hymenoptera: Ichneumonidae) of Malabar Area of Kerala. [UGC Order No. MRP(S)-1363/11-12/KLCA024/UGC-SWRO dated 28.03.2014] [Rs.1,80,000/-] [Completed]
- Dr. Rajeevan, N.E. (Associate Professor of Physics): Title of UGC Minor Project: Preparation and characterisation of co-based magneto electric multiferric materials. [UGC order no. MRP(S)-1146/11-12/KLCA024/UGC-SWRO dated 03.11.2011]. [Rs. 1,60,000/-] [Completed]
- Dr. Anitha Ramesh, K. (Associate Professor of English): Title of UGC Minor Project: Fictionalizing facts: exploring the interface between journalism and fiction in the works of select Indian authors. [UGC Order no. MRP(H)-1603/11-12/KLCA024/UGC-SWRO dated 03.11.2011]. [Rs. 1,30,000/-] [Ongoing]
- Dr. K.P. Vipin Chandran (Former Assistant Professor of Dept. of Economics): Title of UGC Minor Project: Maternal factor and nutritional status of children in an urban slum in Calicut city, Kerala. [UGC Order no. MRP(H)-1606/11-12/KLCA024/UGC-SWRO dated 03/11/2011]. [Rs. 1,00,000/-] [Ongoing]
- Mrs. Arya Gopi (Assistant Professor of English): Title of UGC Minor Project: Drugs, Crimes and Roberto Bolano: the endpoint of boom or the origin of Visceral Realism [UGC Order no. MRP(H)-1604/11-12/KLCA024/UGC-SWRO dated 03.11.2011] [Rs. 1,45,000/-] [Completed]
- Dr. Sreeranjini, G. (Assistant Professor of Malayalam): Title of UGC Minor Project: Archetypes in Vishnunarayanan Nambuthiri's poems. [UGC File No. MRP(H)-1605/11-12/KLCA024/UGC-SWRO dated 03.11.2011. Rs.70,000/-] [Completed]
- Mr.Unnikrishnan, S. (Assistant Professor of Malayalam): Title of UGC Minor Project: Socio-cultural contributions of the Zamorin's of Calicut. [UGC File No.

MRP(H)-1607/11-12/KLCA024/UGC-SWRO dated 03.11.2011. Rs.70,000/-]  
[Completed]

- Mr. Rajan Malayil (Associate Professor, Department of Commerce): Title of UGC Minor Project: Effect of selected Yogic Practices on the attitude of college students. [UGC Order No. MRP(H)-1221/10-11/KLCA024/UGC-SWRO/2010 dated 22.12.2010. Rs.30,000]. [Completed]
- Dr. K. P. Rajesh (Assistant Professor of Botany). Title of UGC Minor Project: A survey of the Bryophyte communities of lowlands and midlands of Calicut District, Kerala. [UGC File No. MRP(S)-837/10/KLCA024/UGC-SWRO/2010 dated 22.12.2010 and 16.03.2011. [Rs.1, 50,000/-]. [Completed]

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

The Departments of History and Sociology conducted classes on Research Methodology. Dr.Lakshmi.V Nair was the main speaker for Sociology workshop and Dr.P.J Vincent was the speaker of History workshop. The department of Mathematics conducted motivation classes and the main speakers were Prof. Sakkariya M.V, and Dr. Nambiar.

Three Research methodology workshops were organised by the Department of Economics. Dr. Shyjan Davis interacted with MA students on data analysis techniques and this helped the students for carrying out their analysis of PG dissertation. Another session was handled by DR T M Thomas Issac (Hounarary fellow CDS and former finance minister) on the basic aspects of research methodology and its theoretical aspects. The department also utilised the expertise of Saju K Surendran, IES officer in familiarising various data sources of research.

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

Research projects undertaken by students under the guidance of Dr. M.G Mallika span the following areas:

- Globalisation and Labour Market Flexibility with Special Reference to Head Load Workers in Kerala
- Food Inflation and Its Impact on Urban Poor
- Poverty Measurement in India; Exploring a New Methodology
- Female Contribution to National Income Evolving a New Methodology
- Including Value of Environment in National Income Calculation; A Theoretical and Empirical Study
- Rehabilitation of Migrant Street Children In Kerala

- Human Capital Development and Labour Productivity With Special Reference to Kerala

Research projects undertaken by research scholars of the Botany Department under the guidance of Dr. K.P.Rajesh are as follows:

- Ecological and Taxonomic studies on the Ferns and Lycophytes of Palghat Gap and adjacent regions of Western Ghats.
- Pteridophyte diversity of Aralam Wild Life Sanctuary, Kerala.

Research projects undertaken by research scholars of the Botany Department under the guidance of Dr. Manju .C. Nair are as follows:

- Systematic studies on the family Fissidentaceae (Bryophyta) of Western Ghats.
- Eco-systematic studies on Bryophytes of Malabar Wild Life Sanctuary, Kerala.
- Systematic studies on the Bryophyte flora of Mathikettan Shola National Park in Kerala, India
- Taxonomic studies on the other Marchantiales of South India.

Faculty members of the Department of Botany have proven track records in the research of basic aspects, such as, documentation of plant diversity, identification of potential anti-fungal and anti-bacterial botanicals, etc. In recent years, the Department has become one of the few centres in the state, and country at large, studying the diversity of the cryptogams such as bryophytes and pteridophytes. Its fungal diversity study centre is of international repute. The Department is now training its students and research scholars in these aspects. In addition to basic research, it is now trying to incorporate modern aspects, such as molecular characterisation, to be competent with the standards of the present age. Its faculty members also act as experts on various bio-diversity and ecology related cases. Documentation and utilization of plant diversity, especially the least studied or ignored groups such as bryophytes, pteridophytes, fungi are the strength and tradition of the Department of Botany.

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

- The visiting faculty to the Department of English were Dr. P.P.Raveendran, Ratheesh Radhakrishnan, Dr. S. Nagesh, Prof. Ummer Farook, Sri.Premanand, and Sri. T. Muraleedharan.
- The eminent visiting faculty to the Department of Malayalam are Prof. KP Sankaran, Dr. Chathanath Achuthan unni, Shri C Radhakrishnan, Dr Raghavan Payyanad, Shri KP Ramanunni, Dr KM Bharatan, Dr KM Anil, Shri V Swaminathan, Dr KM Sherif, Prof K Narayanan, and Shri. Veerankutty.
- Eminent scholars like Dr. P. Mohammed Shafi, Dr. S. Sugunan, Dr. K. K. Aravindakshan, Dr.Liza Sreejith and Dr. Aneesh. M. H has visited the Department of Chemistry to support the students.

- Department of Economics offered a broad platform for attracting eminent social scientists and researchers from various fields as visiting faculties. Dr. T M Thomas Issac, Dr.Poulami Mukherjee, Dr. Sunny Jose, Dr. Dileep Raj, Dr. T K Anandi, Dr. T K Kunjikkannan, Dr. K Gopalankutty, Saju K Surendran, Dr.Shyjan Davis, Dr. J Prabhash, Adv. Jayasankar, Adv. Sivan Madathil, Adv Sujatha Varma, Iyyachery Padmini, Iyyachery Kunjikkannan, Binoy Viswam, Dr. Mary George, DR. Hari Kurup, Dr.Jayaprakash Raghavayya and Dinakaran Kombilath.

List of visiting faculty to the Department of Physical Education and Yoga is as follows:

- Swami Adhyathmananda, Chinmaya mission.
- Dr Sudha Krishnanunni
- Dr P Raman, Kottakkal Arya Vaidyasala
- Dr. Naveen KV, SVYASA University, Bangalore
- Dr Manjunath NK, SVYASA University, Bangalore
- Dr Anwar Jahan Zuberi, Vice-Chancellor, University of Calicut
- R Manoj Kumar, UGC, New Delhi
- Nadan Thangavelu, MRC Cancer Cell Unit Cambridge
- Dr Suraj Kanekar, Yog peeth, Haridwar
- Acharya Vijayaraghavan, Satyananada Yoga Research Centre
- Acharya Unniraman, Patanjali Yoga Research Centre.
- Dr. Lakshmi. V. Nair, a senior faculty has delivered lectures for students in the Department of Sociology.

Further details of the talks given by visiting faculty members and eminent scholars include:

Sl.No	Department	Topic	Resource Person
<b>2010-2011</b>			
1	Health Club	Breast Cancer	Dr.Durga Prasan, consulting Onchologist BMH
2	Zoology	Wild Life Conservation with special emphasis on Mammals	Mr.Abdul Riyaz,HOD, Govt College Kodanchery

<b>2011-2012</b>			
1	English	Film Culture	Ratheesh Radhakrishnan
2	Economics	Global financial crisis and Wall Street Movement	K.T.Kunchikanan
3	Development Club	Energy crisis in Kerala	Dr.M.G.Suresh Kumar
4	Health Club	Breast Cancer	Dr.Durga Prasan, consulting Onchologist BMH
5	Economics	Research Workshop on Kerala Economy	Dr. Mary George, Dr. Hari Kurup, Dr. Jayaprakash Raghavayya
<b>2012-2013</b>			
1	English	Various trends in Post Colonial Studies	Dr.P.P.Raveendran
		Advanced Communication	Mr.Premanath
		Modernism and Realism : Literature and Science	Dr.S.Nageesh
2	Mathematics	C Programme	Smt.Lalitha Satyanand
		Fifteen Hours Communication Programme	Mr.Premanath
3	Physics	Extension Lectures	Dr.P.M.G.Nambisian
			Dr.Jeevan Job Thomas
			Prof.Papootty
			Dr.Renjith.P
			Dr.Subha.P
4	Botany	Secondary Metabolites	Dr.C.J.Mani

5	Zoology	The Mangroove Ecosystem	Dr.Jafer Palot
6	Health Centre	Life Style Diseases	Dr.Premachandran
		Drug Usage among College Students	Dr.Hareesh Babu
7	Economics	Intercollegiate paper presentation and quiz competition, Economics Exhibition	Former Kerala Forest Minister Binoy Viswam
		Research Workshop on data Analysis	Dr. Shyjan Davis
		Research Methodology workshop	Dr. T M Thomas Isaac
<b>2013-2014</b>			
1	English	The Challenges of Learning a Foreign Language and the significance of Language Learning	Prof. Ummar Farook
2	Malayalam	Folklore	Sri.Barathan
			Dr.K.M.Anil
			Dr.Raghavan Payyanad
		Theories and Literature	Dr.C.Rajendran
		Transalation	Dr. V.Somanathan
			Dr.K.M.Sherif
		Sri.Unnikrishnan Chelembra Memorial Lectures	Prof.K.P.Shankaran
			Sri.A.Vijayaraghavan
			Prof.K.Narayanan
		Poems of Sri.N.N.Kakkad	Sri.P.Narayanan

3	Hindi	Hindi as Official Language	Dr.R.Surendran
4	Physics	Beyond Mars	Prof. Papootty
5	Economics	The Economics of Media	Mr.Dinakaran Kombilath
		Easy English Communication	Mr.Sreeleash
		Data Sources	Mr.Saju.K.Surendran
		National Seminar on “Election Laws and Reforms” in Collaboration with Institute of Parliament Affairs	Dr. J Prabhash, Adv. Jayasankar, Adv. Sivan Madathil
		Anti Liquor campaign for college students	Adv Sujatha Varma, Iyyachery Padmini, Iyyachery Kunjikkkrishnan
6	Sociology	Research Methodology	Dr.Lakshmi.V.Nair
7	History	Research Methodology	Sri.P.J.Vincent
		Practices in Archaeology	Dr.V.T.Padmaja
		Gandhi and Mass Mobilization	Dr.Leina
8	Commerce	Management through Bhagavat Gita	Bhoodananda Saraswathi
9	Health Club	Acupuncture	Dr.Geetha Gopalakrishnan
10	Folklore Club	Importance of Folklore Clubs in Educational Institutions	Dr.E.K.Govinda Raja
11	Heritage Club	Scientific Heritage of India	Sri.C.Krishnan Namboodiri
		Cultural Heritage of India	Sri.M.K.Padma Prabha

12	Mathematics	Scope of Mathematics in IT field	Sri. Raja Narayanan
		Ordinary Differential Equations	Sri.Shinoj K M
		BESSEL Functions	Sri.Shinoj K M
<b>2014-2015</b>			
1	History	Life and Philosophies of late Historian Bipan Chandra	Dr.K.Gopalankutty
2	Mathematics	Measure Theory	Dr.Kiran Kumar
		Modern Algebra	Sri.N.Gopalakrishnan Nair
		Fuzzy Graphs	Miss.manjusha.OT
		Value Education and Motivation Class	Dr.C.N.Balakrishnan Nambair
		Discrete Borg-Type Theorems	Dr.Kiran Kumar
		Complex Analysis	Mr.Sajeesh Kumar
		Motivation Class	Prof.Zakriya.M.V
		Reiman Integrals	Mr.Hussain
		Sequence and Series of Function	Prof.C.P.Muhammed
3	Chemistry	New Paradigms in Chemistry	Dr.George Mathew
4	English	Basis of Film Studies	Sri.T.Muralidharan
		The Transformation of English Language in Modern Times	Dr.Rengarajan
5	Botany	Medicinal Plants and Snake Poisoning	Dr.P.M.Manoharan

6	Zoology	Darwinian Beauty Concepts-An Analysis	Dr.S.Santhosh
		Skill Development	Mr.Bharat Das & Dr.Hafis Muhammed
7	Commerce	Online Trading	Prof.Vijayakumar
		Interview Skills	Sri. Nishanth Gurjar
8	Physics	Science for Nation Building	Dr.P.Sethumadhavan & Dr.M.K.Satheesh
9	Economics	National Seminar on "Gender Economics"	Dr. T M Thomas Issac, Dr. Poulami Mukherjee, Dr. Sunny Jose, Dr. Dileep Raj, Dr. T K Anandi
Sl.No	Department	Topic	Resource Person
<b>2010-2011</b>			
1	Health Club	Breast Cancer	
2	Zoology	Wild Life Conservation with special emphasis on Mammals	
<b>2011-2012</b>			
1	English	Film Culture	Ratheesh Radhakrishnan
2	Economics	Global financial crisis and Wall Street Movement	K.T.Kunchikanan
3	Development Club	Energy crisis in Kerala	
4	Health Club	Breast Cancer	
<b>2012-2013</b>			
1	English	Various trends in Post	Dr.P.P.Raveendran

		Colonial Studies	
		Advanced Communication	Mr.Premanath
		Modernism and Realism : Literature and Science	Dr.S.Nageesh
2	Mathematics	C Programme	Smt.Lalitha Satyanand
		Fifteen Hours Communication Programme	Mr.Premanath
3	Physics	Extension Lectures	Dr.P.M.G.Nambisian
			Dr.Jeevan Job Thomas
			Prof.Papootty
			Dr.Renjith.P
			Dr.Subha.P
4	Botany	Secondary Metabolites	Dr.C.J.Mani
5	Zoology	The Mangroove Ecosystem	Dr.Jafer Palot
6	Health Centre	Life Style Diseases	Dr.Premachandran
		Drug Usage among College Students	Dr.Hareesh Babu
<b>2013-2014</b>			
1	English	The Challenges of Learning a Foreign Language and the significance of Language Learning	Prof. Ummar Farook
2	Malayalam	Folklore	Sri.Barathan
			Dr.K.M.Anil
			Dr.Raghavan Payyanad

		Theories and Literature	Dr.C.Rajendran
		Transalation	Dr.V.Somanathan
			Dr.K.M.Sherif
		Sri.Unnikrishnan Chelembra Memorial Lectures	Prof.K.P.Shankaran
			Sri.A.Vijayaraghavan
			Prof.K.Narayanan
		Poems of Sri.N.N.Kakkad	Sri.P.Narayanan
3	Hindi	Hindi as Official Language	Dr.R.Surendran
4	Physics	Beyond Mars	Prof. Papootty
5	Economics	The Economics of Media	Mr.Dinakaran Kombilath
		Easy English Communication	Mr.Sreeleash
		Data Sources	Mr.Saju.K.Surendran
6	Sociology	Research Methodology	Dr.Lakshmi.V.Nair
7	History	Research Methodology	Sri.P.J.Vincent
		Practices in Archaeology	Dr.V.T.Padmaja
		Gandhi and Mass Mobilization	Dr.Leina
8	Commerce	Management through Bhagavat Gita	Bhoodananda Saraswathi
9	Health Club	Acupuncture	Dr.Geetha Gopalakrishnan
10	Folklore Club	Importance of Folklore Clubs in Educational Institutions	Dr.E.K.Govinda Raja
11	Heritage Club	Scientific Heritage of India	Sri.C.Krishnan Namboodiri

		Cultural Heritage of India	Sri.M.K.Padma Prabha
12	Mathematics	Scope of Mathematics in IT field	
		Ordinary Differential Equations	
		BESSEL Functions	
<b>2014-2015</b>			
1	History	Life and Philosophies of late Historian Bipan Chandra	Dr.K.Gopalankutty
2	Mathematics	Measure Theory	Dr.Kiran Kumar
		Modern Algebra	Sri.N.Gopalakrishnan Nair
		Fuzzy Graphs	Miss. Manjusha.OT
		Value Education and Motivation Class	Dr.C.N.Balakrishnan Nambair
		Discrete Borg-Type Theorems	Dr.Kiran Kumar
		Complex Analysis	Mr.Sajeesh Kumar
		Motivation Class	Prof.Zakriya.M.V
		Reiman Integrals	Mr.Hussain
		Sequence and Series of Function	Prof.C.P.Muhammed
3	Chemistry	New Paradigms in Chemistry	Dr.George Mathew
4	English	Basis of Film Studies	Sri.T.Muralidharan
		The Transformation of English Language in Modern Times	Dr.Rengarajan

5	Botany	Medicinal Plants and Snake Poisoning	Dr.P.M.Manoharan
6	Zoology	Darwinian Beauty Concepts-An Analysis	Dr.S.Santhosh
		Skill Development	Mr.Bharat Das & Dr.Hafis Muhammed
7	Commerce	Online Trading	Prof.Vijayakumar
		Interview Skills	Sri. Nishanth Gurjar
8	Physics	Science for Nation Building	Dr.P.Sethumadhavan & Dr.M.K.Satheesh

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

The University does not provide sabbatical leave for research activities. At present FDP is provided for pursuing M.Phil and PhD. About 95% of the teachers utilise this opportunity which results in enhancement of quality. Leave on duty is also provided for attending seminars and workshops conducted by other institutions.

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

The Department of Chemistry is working on a project for testing the purity of water which will help the people of the locality in identifying pure water sources. The Department of Botany also has a project for testing soil quality. Both these projects are awaiting sanction from the authorities. The researchers in the field of arts communicate with the larger community to inculcate cultural values. The Department of History and Political Science interacts with the students of other institution to help them develop a sense of History. The researchers also engage in active discussion in the visual and print media.

**3.2 Resource Mobilization for Research**

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

The research block is intended exclusively for research. It is constructed to commemorate the hundredth birth day of our patron, H.H The Zamorin raja of Calicut. The foundation stone was laid on 14/09/2012 by the Zamorin raja. The construction is complete and activities related to research are in full swing. An amount of one crore sixty lakhs was allocated for the completion of the research centre.

Actual expense (in Rupees) towards research and affiliated activities met by the Management and PTA are as follows:

Seminars/Conferences	1,55,000
Subscription towards Journals	2,500
Books and Almirah	3,10,500
Allowance to the Librarian (Temporary)	1,53,000
Lab repair and regular expenses	3,77,000
Fees for Affiliation	2,37,000
Expense for improving the educational transactions of the College	30,000
Professional charges for Research Centre	1,10,000
Research Block construction expenses	1,60,00,000

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

There is no provision in the institution to provide seed money to the faculty for research. They undertake research activities utilising the funds from UGC. But the management provides financial assistance to teachers whose salary is delayed during FDP.

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

The students of the Department of Botany get financial help from KSCSTE.

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

Topics undertaken by the research scholars of the Department of Economics are interdisciplinary. Researchers from the department are also exploring themes like “To National Income Evolving: A New Methodology”, and “Rehabilitation Of Migrant Street Children” In Kerala. They have also organized a seminar on Gender Economics.

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

Research projects funded by UGC and other sources provide support for students’ projects by providing extra facilities

Computer labs with Net connectivity enable the students to prepare assignments, projects etc. and submit them online.

The equipments and books in the departments are open to the students and staff of the college and it helps them in preparing research projects at the UG and PG level.

The Digital classroom at the Research centre is utilized as an e-learning centre with faculty from foreign and Indian universities. The benefit goes to both UG and PG students.

The facilities like INFLIBNET, OPAC and JAWS are utilized by different categories of students for enriching their research activities.

The Xerox, Printers and Spiral Binding Machine are utilized by students.

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

The faculty receive funds from UGC and KSCSTE and the institute of parliamentary affairs for developing research activities. The IQAC along with the UGC cell provide support for securing research funds from various funding agencies.

EQUIPMENTS AND BOOKS IN THE DEPARTMENT OF BOTANY bought with the funds from Major and minor projects:

No.	Name	Make		Project/Funding agency
	Gel documentation system	Biotech	1	DST-SERB major project- Dr. Manju C. Nair
	Deep freezer	Cellfrost	1	DST-SERB major project- Dr. Manju C. Nair
	Thermal cycler	Lark	1	DST-SERB major project- Dr. Manju C. Nair
	Double distillation unit	Jsgw	1	DST-SERB major project- Dr. Manju C. Nair
	Double distillation unit	Jsgw	1	UGC fund 2014
	Waterbath	Kemi	1	DST-SERB major project- Dr. Manju C. Nair

Gel rocker	Kemi	1	DST-SERB major project- Dr. Manju C. Nair
Rotary shaker	Kemi	1	DST-SERB major project- Dr. Manju C. Nair
Research Microscopes	Labomed Lx400	1	DST-SERB major project- Dr. Manju C. Nair
Research Microscopes	Labomed Lx400	1	UGC fund 2014
Research Microscopes	Labomed Lx500	1	UGC-Minor Project- Dr. K.P. Rajesh
Research Microscopes	Labomed Luxeo4Z	1	UGC-Fund 2014
Research Microscopes	Labomed CZM6	1	UGC-Fund 2014
Student Microscopes	Labomed CSM2	2	UGC fund 2014
Cyclo mixer	Remi	1	DST-SERB major project- Dr. Manju C. Nair
Digital camera for microscope	Labomed- IVU-5100	1	DST-SERB major project- Dr. Manju C. Nair
Digital camera for microscope	Labomed- IVU-5100	1	UGC-Fund-2014
Gel electrophoresis unit with power supply	Medox	1	DST-SERB major project- Dr. Manju C. Nair
Micro centrifuge	Tarson	1	DST-SERB major project- Dr. Manju C. Nair
Magnetic stirrer	Remi	1	DST-SERB major project- Dr. Manju C. Nair
Electronic balance	Shimadzu	1	DST-SERB major project- Dr. Manju C. Nair
Electronic balance	Shimadzu	2	UGC fund 2014
	AUX220		
	Txb620il	1	UGC fund 2014
	Scale tec	4	
	Uni-bloc	1	
BOD incubater	Kemi	1	Management fund
Microwave ovan	Whorlpool	1	UGC, developmental fund
Centrifuge	Labspin	1	UGC, developmental fund
Laminar air flow	Labline	1	Major research project, UGC,
	Rotec	1	Dr. Rajan.PP and Management
Spectrophotometer	Elico sl177	1	Management fund
pH meter	Labtronics	2	UGC Fund 2014
	Eu tech	1	
pH meter	ECPHTUTOR-DS	1	UGC Fund 2014
Digital photo calorimeter	Deep vision	1	PD account,
Photo calorimeter	Systronics	5	UGC fund 2014
Photo calorimeter	Photo chem	1	UGC fund 2014

Books purchased in Projects

No.	Item	Quantity	Project/Funding agency
	Research books	3 nos	DST-SERB major project- Dr. Manju C. Nair
	Research books	8 nos	UGC-Minor Res Project – Dr. KP Rajesh
	Research and reference books	29 Nos	UGC Major research project, Dr. Rajan.PP

The other Departments also have equipments and books bought with the money received for projects.

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

The IQAC along with the UGC cell provide support for securing research funds from various funding agencies.

	Nature of the project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
<b>2010-2011</b>	Major Projects	3 Years	UGC	500000	500000
	Minor Projects				
	Interdisciplinary Projects				
	Industry sponsored				
	Projects sponsored by the University/College				
	Students research projects				
	Any other (Specify)				
	Total				500000

2011-2012	Major Projects				
	Minor Projects	2Years	UGC	250000	230000
	Interdisciplinary Projects				
	Industry sponsored				
	Projects sponsored by the University/College				
	Students research projects	1 Year (4 Projects)	KSCSTE	40000	40000
	Any other (Specify)				
	Total			290000	270000
2012-2013	Major Projects				
	Minor Projects	2Years	UGC	695000	522500
	Interdisciplinary Projects				
	Industry sponsored				
	Projects sponsored by the University/College				
	Students research projects				
	Any other (Specify)				
	Total			695000	522500

2013-2014	Major Projects	3Years	Department of Science and Technology	2460000	1200000
	Minor Projects	1 to 3 Years	UGC	965000	332500
	Interdisciplinary Projects				
	Industry sponsored				
	Projects sponsored by the University/College				
	Students research projects	I Year (4 projects)	KSCSTE	42000	42000
	Any other (Specify)				
	Total			3267000	1574500
2014-2015	Major Projects	3Years	Department of Science and Technology / UGC	3820000	2444599
	Minor Projects	1 to 3 Years	UGC	318000	15000
	Interdisciplinary Projects				
	Industry sponsored				
	Projects sponsored by the University/College				

	Students research projects				
	Any other (Specify)				
	Total			4138000	2594599

### 3.3 Research Facilities

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

There is a well furnished research centre with all facilities and Library. There are well equipped labs and rooms for the Science departments.

One of the departments, Department of Chemistry, has a laboratory equipped with instruments such as

- Ultra-sonicator
- Rotary evaporator
- Programmable muffle furnace
- LCR Meter
- Spectrophotometer, Digital
- Flame Photometer
- Conductometer
- Digital Titration Potentiometer
- Polarimeter,
- Refractometer
- Luminar Floor
- Photoelectric Colorimeter
- pH meter
- Electronic balances etc.

Department of Botany has the following facilities:

No.	Name	Make	No of Items
1	Gel documentation system	Biotech	1
2	Deep freezer	Cellfrost	1
3	Thermal cycler	Lark	1
4	Double distillation unit	Jsgw	1

5	Waterbath	Kemi	1
6	Gel rocker	Kemi	1
7	Rotary shaker	Kemi	1
8	Research Microscopes	Labomed Magnus Motic	10 1 1
9	Cyclo mixer	Remi	1
10	Digital camera	Labomed	2
11	Gel electrophoresis unit with power supply	Medox	1
12	Micro centrifuge	Tarson	1
13	Magnetic stirrer	Remi	1
14	Electronic balance	Shimadzu Txb620il Scale tec Uni-bloc	2 1 4 1
15	BOD incubater	Kemi	1
16	Microwave ovan	Whorlpool	1
17	Centrifuge	Labspin	1
18	Laminar air flow	Labline Rotec	1 1
19	Spectrophotometer	Elico sl177	1
20	pH meter	Labtronics Eu tech	2 1
21	Digital photo calorimeter	Deep vision	1
22	Photo calorimeter	Systronics Photo chem	1 1

The Department of Zoology maintains Prof. RVR Thampuran Biodiversity Museum named after Late Prof. R. V. R. Thampuran, the former Head of the Department of Zoology. It has in display a representation of the faunal diversity of our rich and varied pristine campus and also the diversity of Western Ghats and our Country. It also has rare specimens from different parts of the World.

Some of the rare exhibits include the following:

- A threatened species and a living fossil, *Limulus*, commonly known as the King Crab, found in the Gulf of Mexico and along the northern Atlantic coast of North America
- The shell of *Nautilus*, another living fossil distributed only in the the tropical waters of the Indian Ocean, the western and central Pacific Ocean
- The largest single cell – the egg of the Ostrich, found in African continent
- Another living fossil *Peripatus*, commonly known as the velvet worm found in the Eastern Himalayas, African Congo, Amazon Basin and Australia
- *Attacus atlas*, commonly known as the Atlas moth, the largest moth in the World
- Fossil imprint of *Archaeopteryx*, the first known reptile-bird from the original fossil preserved in the British Museum
- Rare and Endangered Malabar Civet cat, endemic to the Western Ghats
- Desert lizard *Uromastix* found in Africa and the Middle East

- Mexican salamander, known as Axolotl larva or *Ambystoma*
- *Chameleon* distributed in Africa, Madagascar, southern Europe, and across southern Asia as far as Sri Lanka
- Rare collection of Corals from the Lakshadweep and Rameswaram

***A comprehensive data of the rest of the Museum exhibits***

- An excellent collection of Invertebrates including the Jelly fish, Sponges, flat worms, annelids, and arthropods
- About 350 species of insects including butterflies and moths, bees, and wasps
- Holotype and paratypes of new Ichneumonid species obtained from various parts of the Western Ghats
- A variety of molluscan species approximately 40 species including *Octopus*, *Sepia*, *Loligo*, *Teredo*
- A good collection of molluscan shells from the Indian Ocean and Arabian Sea
- About 35 species of echinoderms like Starfish, Brittle stars, Sea urchins, Sea cucumbers found in the Gulf of Mannar Biosphere Reserve and Indian Ocean
- A vast collection of about 150 species of fishes; Notable examples include Lion fish *Pterois* native to the Indo-Pacific., Flying fish *Exocoetus*, Sea Horse *Hippocampus*, Endangered Sawfish *Pristis*, Porcupine fish *Diodon*, Hammer-headed shark *Sphyrna*, Tuna fish *Thunnus*
- Amphibians like the Flying frog *Rhacophorus*, Indian Toad *Bufo*
- Poisonous snakes Cobra, Viper, Krait, Sea snake
- Non-poisonous snakes Python, Sand boa, tree snake *Dryophis*
- About 30 species of Reptiles including Flying lizard *Draco*, Garden lizard *Calotes*
- Osteology section includes the rare Rostrum of *Pristis*; the skull of Nilgiri Tahr, Wild buffalo, wild boar, deer, dog, human; entire skeleton of human, bird and fish; exoskeleton of turtle; the vertebrae and ribs of whale and snake
- Models of lung fishes - African, Australian and American lung fish
- Eggs of *Calotes*, *Varanus*, and birds, embryos of cow, hen, three month old human embryo
- Anatomy section includes the heart of cow and human, brain of frog, fish, lizard, and human

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

The college has an infra structure committee under the Planning Board which looks into the planning, upgrading, and creating new infra structural facilities for meeting the needs of reaserchers in the emerging areas of social concern.

- The IQAC and the UGC cell guides the researchers in getting funds from external sources for research projects.
- The Management and the PTA allocates funds for research activities

- Specialized laboratories are created to meet the requirements of the time.
- Upgrading of the Existing library and laboratory facilities to cater to diverse needs of the modern generation.
- Upgrading computer facilities and installing new software.

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

No

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

Our scholars utilise facilities provided by the University of Calicut, Malabar Botanical garden, Spices research Centre, Zoological survey of India an American bibliographical institute and KIRTADS. The students from other institutions make use of the laboratory facilities in the Department of Chemistry. They also avail of the library facilities of our college.

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

There is a Library in the Research Centre and a general library with good number of books and academic journals. The Research scholars in the Departments of Botany and Economics utilise these facilities.

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

NIL

**3.4 Research Publications and Awards:**

**3.4.1 Highlight the major research achievements of the staff and students in terms of**

- **Patents obtained and filed (process and product)**
- **Original research contributing to product improvement**
- **Research studies or surveys benefiting the community or improving the services**
- **Research inputs contributing to new initiatives and social development**

No patents have been received so far. Along with the UGC cell, the Planning Board and ZCIR, the IQAC encourages the young scholars and the other members to undertake research activities in topics relevant to the times. Topics as diverse as “ Eco-systematic Studies on the

Bryophytes of Wayanad District, Kerala”, “Floristic Studies on Lepiotaceous Fungi of Kerala”, “Impact of Migration to Gulf on Family-Special Focus on Single Parenthood”, “Impact of Development-induced Displacement on Neighbourhood Relations”, “Welfarism of Palliative Care”, “Fuzzy Topology”, “Effectiveness of Embedded Strategy in Economics of Higher Secondary School Students” and also various topics related to British, African, Canadian and Indian Literature and Linguistics have been pursued by faculty belonging to different departments. The faculty is motivated to take up fundamental research designed to address the various contemporary issues, so that the nature of the problem and hence its solution can be found out.

Some of the research topics are:

1. Sthrainaavabodham Aadhunika Malayala Cherukathayil – Cyber kathakale adisthaanamaakkiyulla padhanam. (Feminist Consciousness in Modern Malayalam Short Stories – A study based on cyber stories.)
2. Ezhuthachanteyum Poonthanthinteyum Kruthikalile Bhakthibhavam – Darsanika Paschathalathil (The element of Bhakti in the works of Ezhuthachan and Poonthanthanam in the Philosophical context.)
3. Aarsha Paarambaryam – Vishnu Narayanan Namboodiriyude Kavithakalil (Ancient Indian Traditions as reflected in the Poems of Vishnu Narayanan Namboodiri)
4. Counterdiscourse in the Novels of Lee Maracle, Joan Crate, Jovette Marchessault.
5. Alice Munro: Development of Narrative from the Traditional to the Metafictional.
6. Sociolinguistic Paradigms in AK Ramanujan’s poems – A Quest
7. Tracing the Trajectory of Innocence: Select works of Toni Morrison
8. Approaches towards integrated management of phhytophthora infections in black pepper (p.nigrum l.)
9. Studies on cacao (theobroma cacao) tissue culture, anther culture and protoplast culture
10. Ecological and taxonomical studies on the pteridophytes of Periyar tiger reserve, Kerala
11. Ecosystematic studies of bryophytes of Wayanad, Kerala
12. Study of the lepiotaceous fungi of Kerala and some taxonomic observations on the group
13. Taxonomic revision of genus hedychium (zingiberaceae) in India
14. Nano particles synthesis, stabilization and catalytic applications
15. Synthesis heterogenisation and catalytic application of Chiral and Acharil metal complexes
16. Formation and transformation of Identity of Indian Diaspora in the United Arab Emirates
17. Urbanisation and Discursive Formation of land-use patterns:A Study focusing on Gentrification and Social Exclusion”

18. Religious Ideologies and Practices of Brahmin Community in Malabar Area.
19. Welfarism of Palliative Care in Kerala

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

Our Research Organisation (ZCIR) promotes research activities and has published a journal “ACTA ZAMORINI”.

**3.4.3 Give details of publications by the faculty and students:**

**Publication per faculty**

- **Number of papers published by faculty and students in peer reviewed journals (national / international)**
  - **Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)**
  - **Monographs**
  - **Chapter in Books**
  - **Books Edited**
  - **Books with ISBN/ISSN numbers with details of publishers**
  - **Citation Index**
  - **SNIP**
  - **SJR**
  - **Impact factor**
  - **h-index**
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- ✓ Sreeja, K., Unni P.N., and Rajan P.P. 2010. Conservation of Biodiversity in selected sacred groves of Kakkodi panchayath, Kozhikode, Kerala- a case study. Paper presented in First Indian Biodiversity Congress, IBC 2010, National Seminar, 28-30 December 2010
- ✓ Manju, C.N. 2011. Bryophyte diversity of the Western Ghats- An appraisal. *SAMAGRA* 7: 29-44.

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#### **3.4.4 Provide details (if any) of**

- **research awards received by the faculty**
- **recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**
- **incentives given to faculty for receiving state, national and international recognitions for research contributions.**

Dr. T. Ramachandran, our present principal received an award for best poster competition at a National Seminar on physics. Three of our faculty received state level awards. Dr. Meera. P. I. received the young Translator Award from Bhasha Samanwaya Vedi. Smt. Arya Gopi received the Valoppilly Award for creative writing. These teachers represent the field of Language, Science and Commerce that shows how the institutional ambience promotes excellence in all fields. Most of our faculty are recognised as examiners chief examiners chairpersons and resource persons by other institutions. Dr. N Radhakrishnan of the Department of Economics was an Expert for Kerala Institute for Local Administration (KILA) for valuing Project report related to Local self government fund allocation.

#### **3.5 Consultancy**

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

No consultancy is undertaken.

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

The Institution promotes dissemination of knowledge and expertise. Its faculty members are also ready to offer their expertise, but usually without any financial aspects. An income generating model of service has not yet been formulated.

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

Not Applicable.

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

An income generating model of offering expertise has not been formulated by the Institution. However, the faculty members are encouraged to offer their expertise for various services. The Department of Botany offers identification of plants and fungi for students, research scholars and general public. Being experts in the field of cryptogamic and fungal taxonomy, the students and researchers of other institutions seeks their help. The faculty members also act as experts to assist the court in some cases.

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

Not Applicable.

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

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

Some of our faculty are members of NGO's promoting service oriented community interaction. Dr.C.Sreekumar is a member of the ORC (Our Responsibility to Children) and Smt. N. Rakhi is a member of OISCA International. The department of Sociology in collaboration with childline, an NGO for protection of child rights, formed a volunteer group which was inaugurated on 19th December 2014. They communicate the message of social commitment to the students through their work.

The National Service Scheme unit is a cause of pride for our college. The participation of the students in activities at the university level has increased to 90, state level participation has dwindled but national level has increased to 27. The students have won around 8 awards during 2010-15 at university level and 6 awards at the state level.

The NCC of this institution also brings pride and fame. Their participation comes to 160 at university level, one at the state level and 12 at the national level. The cadets have won 2 University Awards during 2010-11, 3 in 2012-13 and 3 in 2013-14. The college forum has organised 13 events, the NCC organised 37 events and the NSS organised 119 events involving the student community and the larger community.

No. of students participated in NSS events

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level	09	35	28	37	90
2	State level	17	03	02	02	
3	National level	04	03	04	27	
4	International level	03				

No. of students participated in NCC events

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level	160	139	160	160	160
2	State level	01				01
3	National level	03	16	10	10	12
4	International level	NIL				

No. of Awards won in NSS

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level		06	01	01	
2	State level	04	02			
3	National level					
4	International level					

No. of Awards won in NCC

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level	02		03	03	
2	State level					
3	National level					
4	International level					

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

The institution attracts student involvement in various social movements and activities which promotes citizenship roles through NSS, NCC, Pain and Palliative and college Union activities.

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

The institution gets feedback and interactive sessions are conducted within NSS, NCC, Pain and Palliative and the Students Union. This evaluation is transferred to the College Council and the IQAC.

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

Planning and organisation of extension activities is designated to the NSS, NCC, Pain and Palliative and the Students Union in a democratic manner. The budget allocation for NSS is done by the University. College union budget is prepared by the College. The NCC is also funded by their authorities.

No. of Extension activities organized

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University forum					
2	College forum			04	04	05
3	NCC	08	09	08	06	06
4	NSS	33	20	34	30	02
5	Any other					

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

The teachers are encouraged to take up the roles of conveners of various organisations like NSS, NCC, and Pain and Palliative Care. Students are given orientation and support for active involvement in these different organisations as well as members of several clubs. They are motivated by giving extra classes to compensate classes lost due to activities. Camps oriented towards community development programs are conducted, Knowledge is shared through talks by eminent persons, they are given awards in recognition of their performance. The best male volunteer and best female volunteer are recognized and prizes distributed.

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

An NSS volunteer alumnus was founded. Orientation class and interview for First year students were conducted. They joined hands with the Saksharatha Mission to educate the inmates of the Mental Hospital. A survey based on "Status of Women in Society" was conducted by the members of Women's Development Cell.

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

Students who are exposed to such activities grow up to be confident, compassionate, skilled and competent individuals at the end of their course. These qualities help in enhancing their learning experience and motivate them to continue learning as far as possible even when engaged in jobs. Sri a Zoology student and Sri Vishnu Sreejith a student of Chemistry, were active participants in B Zone and Inter Zone competitions held by the University. Jaseem was best actor. Both the students received the Sadguna Award constituted by the University of Calicut for promoting values among youth. It is given to students with exemplary behaviour.

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

#### **2010-11**

Voluntary Blood Donations: Students Donated 400 units of Blood in various camps organized by Medical college, Beach Hospital and Women and Children Hospital Calicut. The College received Life Saver Award from Kerala State AIDS Control Society. Three Students and a Faculty member were also honoured on these occasions.

NSS Special Camp: Medical Camp, Blood Group Detection, Plastic Waste Management, Organic farming etc were the main activities. The thrust area was construction of school play ground Varathur Govt .L.P.School, Kanadikkal

Palliative Care Unit arranged Palliative care awareness classes and training in Palliative Care. The Students actively participated in "Manushyachangala" organized by the Palliative Care Society

#### **2011-12**

NSS: Two days "SAHAVASA CAMP" at Govt. old age home in Vellimadukkunnu. 165 volunteers participated in the camp. Youth meet was organized at Nalanda auditorium in association with Nehru Yuva Kendra on National Youth Day. Environmental protection camp was attended by 48 volunteers. Nature study camp was organized at Kuttady Eco Tourism Centre and also in Wayanad. Two voluntary Blood Donation Camps were organized. They observed World Environmental Day, World Blood

Donation Day, NSS Day, Republic Day, Teachers Day, Independence Day, Gandhi Jayanti and Communal Harmony Day. 2000 saplings were planted in the campus in association with Lion's Club. NSS Special Camp held at Govt. Higher Secondary School, Iringallur in the adopted village.

Palliative Care Unit: Students were given training by the volunteers of the institute of palliative medicine 43 students completed the training. They also assisted in organizing Vayogana Vandanam a program organized by Corporation of Calicut and Social Welfare Department to honor aged people on World Old age Day. As part of "TEN 10 project", awareness program was organized in the college. Seventeen students participated in Patient interactive section and some of them visited Children Leukemia Ward in Medical College. They handed over an amount collected from the college.

Free Eye Camp and Dental Camp were conducted by the Health Club. A poster making competition was organized on World Aids Day.

### **2012-13**

The NSS Volunteers collected Rupees Sixty Nine Thousand from among College Students, Teachers and Public as part of "Snehasparsham" program. The amount was given to Smt. Jamila Beegam. One NSS volunteer participated in the National camp in Shillong. First year NSS volunteers collected Five Hundred books and donated them to the Govt. Ganapath U.P. School, Pokkunnu on the Republic Day.

A Savahasa Camp was conducted for the First Year Students at Oldage Home Vellimadukkunnu. NSS Special Camp held at Varathur U.P. School was enriched by Seminars, Sharing programs etc. Ornament making plantation, Health Survey and Cleaning programs were conducted. NSS students voluntarily started a program "One day One Rupee" to save money to help the inmates of Childrens Home.

A medical Camp for Blood Detection, Height and Weight measuring, Body Mass index measuring etc. was conducted at Govt. Ganapath. U.P. School Pokkunnu by NSS volunteers

### **2013-14**

NSS: NSS volunteer alumnus was founded. Orientation class and interview for First Year Students were conducted. Joined hands with the Saksharatha Mission to educate the inmates of the Mental Hospital.

### **2014-15**

Palliative and Truama Care: Conducted training sessions for moulding and guiding the students. It consisted of an Orientation Class conducted by the SIPC (Students in Palliative Care) wing of The Institute of Palliative Medicine and an Orientation Class by Dr. Abdul Gafoor, Co-ordinator of Palliative Care Unit emphasizing the significance of Palliative Care in the present Society. The Palliative Care Unit of Kinnassery conducted an Awareness Class on the need for Home Care in our society. Training for the same was given. Another class

was given by The Pediatric Palliative Care Unit of IMCH. SIPC day was celebrated under the name Snehathinte Kayoppu the members made efforts to create awareness among the students of the college. They also conducted a Handicraft Exhibition titled “Petals” to exhibit and sell the products made by the inmates of Institute of Palliative Medicines. The members of the college joined hands with other colleges to collect funds for the welfare of Cancer Patients. Kerala State Handicapped Welfare Corporation in collaboration with the Vocational Rehabilitation and The Institute of Palliative Care organized a job oriented project Named “Saphalyam Bhinnaseshi Thozhill Mela”. 6 students participated in the Job Orientation camp conducted by Foot Prints to help those who are Bedridden by Spinal Cord damage. 20 Students attended the International Seminar on Youth in Palliative Care “Students Palcon-2015” conducted by SIPC. 30 students assisted the trainers during the five day training program under Foot Prints for the inmates of IPM. 43 students attended the Homecare Training of the IPM. The Palliative Truama Care centre of our college has undertaken 10 Homecare projects. They supplied Medicines Homecare and Mental support for the suffering, under the guidance of Kinnassery Palliative Unit. They have also undertaken the project for constructing a toilet for Sri. Mohanan, who is a resident close to the campus. The fund was raised from campus itself.

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

The Department of Mathematics conducted a one day visit to Kerala School of Mathematics. They also visited the Old age Home at Vellimadukunnu, arranged Lunch with the inmates and shared their experience and thoughts. Students organized Two-Day Workshop for Ninth Standard students of Azchavattom HS School, Calicut. UG and PG students with Teachers attended the Mathematics Day celebrations at KSOM.

The Department of English conducted communication skill classes for Standards 5, 6 and 7 of the Government UP School Pokkunnu once a week throughout the year 2014-15. The classes were engaged by Dr. Anitha Ramesh K, Smt. Sheela Nair, Smt. Rekha K, and Smt. Ganga Devi P C.

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

In 2010-2011 our college NSS unit under the leadership of Sri Rajan Malayil, Smt. Mayadevi Thampatty, and Smt. P.Usha received the Life Saver Award instituted by the Kerala State Aids Control Society on World Blood Donor Day. Kum. Saranya.P.S, Kum. Surabhi.T.P and Kum.Neetha.S were specially honoured for their repeated donation of blood. Sri.Rajan Malayil was honoured by Kerala State Aids Control Society on 4 February withan award for his overall contributions in the field of blood donation. In 2011-12 Kum.Saranya of BA History won the State NSS Award. Mr.Unnikrishnan, Mr.Arun.K, Mr.Devadas. K.C, Mr.Vishnu Prasda and Kum.Neetha.S received Blood Donor Awards in 2011-12.Mr.Vipin.K.

won the Inter Collegiate Elocution competition at St. Joseph College Devagiri. In 2013, Kum. Neetha.S was honoured by the State as the “Best Volunteer”. Kum. Saranya. S. Raj participated in the 63 R.D. Parade at Red Fort, Delhi on January 26, 2013. In 2014-15, two of our young faculty received State awards. Dr. Meera. P. I of the Department of Hindi is recipient of the Young Translator Award from Bhasha Samanwaya Vedi and Smt. Arya Gopi, an upcoming poet and promising researcher has received the Vylloppilli Award instituted by the Government of Kerala.

### **3.7 Collaboration**

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

Dr. Prabha.P.K and Dr. Rajani.B are life members of the Indian association for Canadian studies, an organisation for promoting Canadian studies in India which works in collaboration with the International Council for Canadian Studies. Dr. Prabha.P.K is also a life member of Dravidian Linguistics Association and forum for Linguistics of the University of Calicut. At present she is working on her second Ph.D project titled: Sociolinguistic Paradigms in A K Ramanujan’s Poetry: a Quest” under the guidance of Dr. Rosemary, Linguistics Department, Kerala University. Dr. N.E. Rajeevan has done considerable research in collaboration with BARC-UGC-DIE consortium for scientific studies. The faculty of the Department of Botany work in collaboration with the Botanical garden, Calicut, and KSCSTE. The Department of Hindi conducts interactive sessions and seminars in collaboration with Bhasha samanwayavedi.

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

Dr. Arun Kumar T. K, Department of Botany, is curator and administrator of the online database-AFTOL. Structural and Biochemical Database ([http:// :aftol.umn.edu](http://aftol.umn.edu)), developed and maintained by the “Assembling the Fungal Tree of Life” Project Consortium, initially funded by the National Science Foundation (NSF), U S A (Funding period:2008-2012). It is now supported by Minnesota Supercomputing Institute, University of Minnesota, U S A- Ongoing.

**3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.**

Not applicable.

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

Sl.No	Department	Topic	Resource Person
<b>2010-2011</b>			
1	Health Club	Breast Cancer	Dr.Durga Prasan, consulting Onchologist BMH
2	Zoology	Wild Life Conservation with special emphasis on Mammals	Mr.Abdul Riyaz,HOD, Govt College Kodanchery
<b>2011-2012</b>			
1	English	Film Culture	Ratheesh Radhakrishnan
2	Economics	Global financial crisis and Wall Street Movement	K.T.Kunchikanan
3	Development Club	Energy crisis in Kerala	Dr.M.G.Suresh Kumar
4	Health Club	Breast Cancer	Dr.Durga Prasan, consulting Onchologist BMH
5	Economics	Research Workshop on Kerala Economy	Dr. Mary George, Dr. Hari Kurup, Dr. Jayaprakash Raghavayya
<b>2012-2013</b>			
1	English	Various trends in Post Colonial Studies	Dr.P.P.Raveendran
		Advanced Communication	Mr.Premanath
		Modernism and Realism	Dr.S.Nageesh

		: Literature and Science	
2	Mathematics	C Programme	Smt.Lalitha Satyanand
		Fifteen Hours Communication Programme	Mr.Premanath
3	Physics	Extension Lectures	Dr.P.M.G.Nambisian
			Dr.Jeevan Job Thomas
			Prof.Papootty
			Dr.Renjith.P
			Dr.Subha.P
4	Botany	Secondary Metabolites	Dr.C.J.Mani
5	Zoology	The Mangroove Ecosystem	Dr.Jafer Palot
6	Health Centre	Life Style Diseases	Dr.Premachandran
		Drug Usage among College Students	Dr.Hareesh Babu
7	Economics	Intercollegiate paper presentation and quiz competition, Economics Exhibition	Former Kerala Forest Minister Binoy Viswam
		Research Workshop on data Analysis	Dr. Shyjan Davis
		Research Methodology workshop	Dr. T M Thomas Isaac
<b>2013-2014</b>			
1	English	The Challenges of Learning a Foreign Language and the significance of Language Learning	Prof. Ummar Farook
2	Malayalam	Folklore	Sri.Barathan

			Dr.K.M.Anil
			Dr.Raghavan Payyanad
		Theories and Literature	Dr.C.Rajendran
		Transalation	Dr.V.Somanathan
			Dr.K.M.Sherif
		Sri.Unnikrishnan Chelembra Memorial Lectures	Prof.K.P.Shankaran
			Sri.A.Vijayaraghavan
			Prof.K.Narayanan
		Poems of Sri.N.N.Kakkad	Sri.P.Narayanan
3	Hindi	Hindi as Official Language	Dr.R.Surendran
4	Physics	Beyond Mars	Prof. Papootty
5	Economics	The Economics of Media	Mr.Dinakaran Kombilath
		Easy English Communication	Mr.Sreeleash
		Data Sources	Mr.Saju.K.Surendran
		National Seminar on “Election Laws and Reforms” in Collaboration with Institute of Parliament Affairs	Dr. J Prabhash, Adv. Jayasankar, Adv. Sivan Madathil
		Anti Liquor campaign for college students	Adv Sujatha Varma, Iyyachery Padmini, Iyyachery Kunjikkishnan
6	Sociology	Research Methodology	Dr.Lakshmi.V.Nair
7	History	Research Methodology	Sri.P.J.Vincent

		Practices in Archaeology	Dr.V.T.Padmaja
		Gandhi and Mass Mobilization	Dr.Leina
8	Commerce	Management through Bhagavat Gita	Bhoodananda Saraswathi
9	Health Club	Acupuncture	Dr.Geetha Gopalakrishnan
10	Folklore Club	Importance of Folklore Clubs in Educational Institutions	Dr.E.K.Govinda Raja
11	Heritage Club	Scientific Heritage of India	Sri.C.Krishnan Namboodiri
		Cultural Heritage of India	Sri.M.K.Padma Prabha
12	Mathematics	Scope of Mathematics in IT field	Sri. Raja Narayanan
		Ordinary Differential Equations	Sri.Shinoj K M
		BESSEL Functions	Sri.Shinoj K M
<b>2014-2015</b>			
1	History	Life and Philosophies of late Historian Bipan Chandra	Dr.K.Gopalankutty
2	Mathematics	Measure Theory	Dr.Kiran Kumar
		Modern Algebra	Sri.N.Gopalakrishnan Nair
		Fuzzy Graphs	Miss.manjusha.OT
		Value Education and Motivation Class	Dr.C.N.Balakrishnan Nambair
		Discrete Borg-Type Theorems	Dr.Kiran Kumar
		Complex Analysis	Mr.Sajeesh Kumar

		Motivation Class	Prof.Zakriya.M.V
		Reiman Integrals	Mr.Hussain
		Sequence and Series of Function	Prof.C.P.Muhammed
3	Chemistry	New Paradigms in Chemistry	Dr.George Mathew
4	English	Basis of Film Studies	Sri.T.Muralidharan
		The Transformation of English Language in Modern Times	Dr.Rengarajan
5	Botany	Medicinal Plants and Snake Poisoning	Dr.P.M.Manoharan
6	Zoology	Darwinian Beauty Concepts-An Analysis	Dr.S.Santhosh
		Skill Development	Mr.Bharat Das & Dr.Hafis Muhammed
7	Commerce	Online Trading	Prof.Vijayakumar
		Interview Skills	Sri. Nishanth Gurjar
8	Physics	Science for Nation Building	Dr.P.Sethumadhavan & Dr.M.K.Satheesh
9	Economics	National Seminar on "Gender Economics"	Dr. T M Thomas Issac, Dr. Poulami Mukherjee, Dr. Sunny Jose, Dr. Dileep Raj, Dr. T K Anandi
Sl.No	Department	Topic	Resource Person
<b>2010-2011</b>			
1	Health Club	Breast Cancer	Dr. Durga Prasan. Oncologist B M H
2	Zoology	Wild Life Conservation with special emphasis on	

		Mammals	
<b>2011-2012</b>			
1	English	Film Culture	Ratheesh Radhakrishnan
2	Economics	Global financial crisis and Wall Street Movement	K.T.Kunchikanan
3	Development Club	Energy crisis in Kerala	Mr.M.G. Sureshkumar, Executive Engineer, KSEB.
4	Health Club	Breast Cancer	Dr. Durga Prasan. Cosulting Oncologist at B M H
<b>2012-2013</b>			
1	English	Various trends in Post Colonial Studies	Dr.P.P.Raveendran
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1	English	The Challenges of Learning a Foreign Language and the significance of Language Learning	Prof. Ummar Farook
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			Sri.A.Vijayaraghavan
			Prof.K.Narayanan
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11	Heritage Club	Scientific Heritage of India	Sri.C.Krishnan Namboodiri
		Cultural Heritage of India	Sri.M.K.Padma Prabha
12	Mathematics	Scope of Mathematics in IT field	
		Ordinary Differential Equations	
		BESSEL Functions	
<b>2014-2015</b>			
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		Complex Analysis	Mr.Sajeesh Kumar
		Motivation Class	Prof.Zakriya.M.V
		Reiman Integrals	Mr.Hussain
		Sequence and Series of Function	Prof.C.P.Muhammed
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		The Transformation of English Language in Modern Times	Dr.Rengarajan
5	Botany	Medicinal Plants and Snake Poisoning	Dr.P.M.Manoharan
6	Zoology	Darwinian Beauty Concepts-An Analysis	Dr.S.Santhosh
		Skill Development	Mr.Bharat Das & Dr.Hafis Muhammed
7	Commerce	Online Trading	Prof.Vijayakumar
		Interview Skills	Sri. Nishanth Gurjar
8	Physics	Science for Nation Building	Dr.P.Sethumadhavan & Dr.M.K.Satheesh

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

**a) Curriculum development/enrichment**

- b) Internship/ On-the-job training**
- c) Summer placement**
- d) Faculty exchange and professional development**
- e) Research**
- f) Consultancy**
- g) Extension**
- h) Publication**
- i) Student Placement**
- j) Twinning programmes**
- k) Introduction of new courses**
- l) Student exchange**
- m) Any other**

Not applicable

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

N/A at present

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

The Department of Botany has been offering identification services to the students and research scholars of other Institutions. Researchers from other institutions, from India and abroad have utilised the facilities of the Botany Department for identification of plants. A notable mention is Dr. Aline Howrath of UK who visited the Botany department for identification of Bryophytes.

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

### **4.1 Physical Facilities**

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

The institution opts for a planned development of the campus to keep pace of the changing needs of the academic world. Infrastructure maintenance is crucial for such diversified programs offered in the modern times. The Management and the college are always aware of the changing climate in the educational scenario. We take great care to improve the infrastructure for the benefit of our students.

### Infrastructure Development (since 1955)

Administrative and Main blocks	1955
Pre degree Hostel	1955
Library	1956
Gymnasium	1956
College Pavilion	1956
Playgrounds	1956
Botanical garden	1957
Ladies room	1958
Cafeteria	1958
Firing range	1960
Auditorium	1960
Animal house	1960
Women's hostel	1968
Commerce block	1981
Men's hostel	1983
PTA block	1992
Seminar hall	2000
PG Block	2000
Career Guidance Centre	2001
Open air theatres	
1. Chaitram	1997
2. Kailasam	2001
Health and Trauma Care Centre	2003
Dining room for boys	2009
Student's Co-operative Store	2014
Girl's hostel	2015

Guruvayurappan College Post Office and Extension Counter of Punjab National Bank are also functioning in the campus. Another girl's hostel is under construction with aid from UGC. The above table shows a gradual progression in infrastructure according to the need of the time

#### **4.1.2 Detail the facilities available for**

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

**b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.**

a) Academic:

- Sixteen full-fledged Departments with computers and printers.
- Sufficient number of classrooms.
- A Good library with a permanent librarian.
- Herbal garden.
- Botanical garden.
- Animal house
- Yoga hall.
- Laboratories in the Departments of Physics, Chemistry, Botany, Zoology, and Yoga.
- I T lab.
- Digital Classroom.
- Language lab in the Department of English.
- Smart classrooms – Departments of Malayalam and Physics.
- ZCIR.
- Career Guidance Centre.
- NET/SET Coaching.
- Museum space.
- IQAC.

b) Co- Curricular:

- A spacious auditorium with ample seating capacity.
- Two seminar halls.
- Open-air stages – Chaithram and Kailasam
- Health and trauma care centre

c) Extra- curricular:

- A big playground where Cricket, Football, Hockey, and Handball are played.
  - A Pavilion with changing rooms
  - Basket Ball, Shuttle, and Volley Ball courts
  - Indoor Games room
  - Gymnasium with training facility for weightlifting and power lifting
- d) Others:
- PNB extension counters.
  - Cafeteria.
  - Ladies centre.
  - Boy's dining hall.
  - Co-operative store.
  - Three Hostels.
  - Recreation room for Staff.
  - Common room for lady Staff.
  - Campus statues.
  - Firing range.
  - Post office.
  - NCC office.
  - NSS office.

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

#### Academic Growth

1877	English school
1879	Intermediate
1952	B.Sc. Mathematics
	B.A. Economics
1956	Pre-University
1957	M.A. Economics
	B.Sc. Physics
	B.Sc. Chemistry
	B.Sc. Botany

1958	B.Com
1960	B.Sc. Zoology
1964	Pre degree
1968	B.A. Sociology /Malayalam
1969	M.Com
1970	B.A. Hindi
1974	B.A. Hindi/History
1978	M.A. Sociology
1979	M.Sc. Botany
1982	B.A. English
1995	M.A. English
1998	M.A. Malayalam
1999	B.A. History
2001	M.Sc. Chemistry
2007	M.Sc. Health and Yoga Therapy
	Career oriented (Add-on) Programmes
2007	Certificate course in Yoga Therapy
	Certificate course in Communicative Sanskrit
2013	BBA
2013	MSc. Mathematics
2013	The Department of Botany and Economics became Research centres

The above mentioned list exemplifies how the college has developed gradually since its foundation. By shifting the college from Tali to Krishnagiri hill, the college has become one of the largest campuses filled with greenery and interspersed with Statues that express the aesthetic ambience of the college. The Master plan of the college is attached. The finance for infrastructure growth is gathered from several sources like UGC, PTA, College Management, and the Alumni Association. For optimal utilization we also extend our facilities to off campus academic community and the neighbourhood in a restricted manner. Some of those initiatives are:

- Examination Centre for private candidates of the University of Calicut.

- Centre for Entrance examination of Hyderabad University.
- Centre for GATE& PSC examinations.
- Library sharing.
- Lab Sharing.
- Playground sharing.

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

The IQAC has contributed two computers to the library to provide reading facility for visually challenged. Internet facility is also available in the library. They are also provided with hostel facility, yoga centre and gymnasium. Facilities for medical emergencies are also set up by the College.

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

- **Hostel Facility – Accommodation available**
- **Recreational facilities, gymnasium, yoga centre, etc.**
- **Computer facility including access to internet in hostel**
- **Facilities for medical emergencies**
- **Library facility in the hostels**
- **Internet and Wi-Fi facility**
- **Recreational facility-common room with audio-visual Equipments**
- **Available residential facility for the staff and occupancy**
- **Constant supply of safe drinking water**
- **Security**

There are two ladies hostel accommodating 270 students. One hostel is ready for occupation. There is a big play ground where Cricket, Football, Hockey, and Handball are played, a Pavilion with changing rooms, Basket Ball, Shuttle, and Volley Ball courts, Indoor Games room, Gymnasium with training facility for weightlifting and power lifting. For medical emergencies there is a health centre functioning within the campus and a clinic very close to the College. Apart from this there are qualified doctors in the yoga centre. All the Departments have Internet and Wi-Fi facility. There is a recreation room for staff. There are staff quarters for principal and deputy warden. Non-teaching staffs are also provided with residential facility, four of them avail this facility. Safe drinking water is available in the College campus, Hostels and residences. Security staff is appointed in two stations, main gate and at college gate and they are on duty for 24 hours. They check the ID cards of the students and they are also in charge of hostels

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

First Aid is readily available with every Department and the College office. There is also a Health Centre and Counselling Centre on the Campus. Further facilities are provided to the students at nearby hospitals like Madhavam and MIMS hospital. Apart from this, there are qualified doctors in the yoga centre. The Health and Yoga Club regularly conducts activities to create awareness on health related issues among the staff and students of the College. In 2011-12, free Eye Camp and Dental Camp were conducted by the Health Club. In 2013-14, Health Club conducted a class on Acupuncture, free check-up for the students and members of the teaching and non teaching staff by skin specialist Dr. Geetha Gopalakrishnan and thereafter free medicines were supplied. In collaboration with Diabcare, Calicut, the Health and Yoga Club organized a medical camp with free Dental Check up, BMI analysis, and a diabetic check-up for 200 students and members of the teaching and non teaching staff.

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

Common facilities are provided for special units like IQAC, Health Centre, Canteen, and Recreational space for staff, safe drinking water facility Dining space for girls and boys, Auditorium etc.

**4.2 Library as a Learning Resource**

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

The College has an olden built, well-ventilated, well lighted and spacious library with good seating arrangements for over 110 students and space for faculty and research scholars. The library functions under the supervision of a UGC NET qualified librarian and four members of the supporting staff.

The Library advisory committee with Principal as the chairperson, Librarian as the ex-officio secretary, representatives from selected teachers in Dept: of humanities, science, commerce and chairman of the students union as member lays down the policy and programme for the functioning of the Library. The Committee gives directions and recommendations on all matters related to the organization and services of the College library.

User-friendly initiatives of the committee implemented:

- The warm -hearted, co-operative and informed staffs of the library keeps the library user friendly.

- Open access system
- The completely automated functioning of the library makes the transactions easier.
- Access to e-books and e-journals through INFLIBNET
- Orientation for using e-resources
- Discipline ensured through installation of CCTV cameras etc.
- Feedback collected from users

#### 4.2.2 Provide details of the following:

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

\* **Total seating capacity**

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

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

Total area of the library : 631.7407 Sq. m

Reading room : 251.024 sq. m

Stack room : 347.4574 sq. m

Circulation counter

Library staffs seating area : 33.253 sq. M

**Working Hours:** (On working days, on holidays, before examination days, during examination days, during vacation):

Library kept open on all working days 8.30 AM- 5.00 PM.

During Examination days 8.30 AM- 5.30 PM

During the vacation 9.30 AM - 4.30 PM

**Layout of the library:** The College Library functions in a separate single building.

**Stack room:** - The total area of stack room is 347.4574 square meters stack room accommodates general books and text books.

**Veranda:**-veranda accommodates news paper reading section and general periodicals section. The total area of veranda covering 126.441 square meters.

**Reading room:-** Reading room accommodates reference section; Post graduate level journals, circulation, internet facilities and Online Public Access Catalogue and reading facilities to library users.

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

Every year an amount is ear marked for the purchase of library books and journals. The Principal circulates a notice to the departments on the allocation of funds for the purchase of books. The Heads of the departments provide the list of required titles, both print and e-journals, to be purchased. The prime source of e-journals is, however, the N-List offered by INFLIBNET to which this institution is a subscriber. The provisional list of books recommended by each department is handed over to the librarian. The Librarian after verification makes the purchase order to the approved publishers or distributors. Teachers as well as the Librarian purchase the required books for the library.

Library Holdings	2011-12		2012-13		2013-14		2014-15	
	Number	Total Cost	Number	Total Cost	Number	Total Cost	Number	Total Cost
Text Books	3453		452		158		-	
Reference Books	55		34		30		-	
Journals/ Periodicals	177		177		177		177	
E-Resources	INFLIB NET		INFLIB NET		INFLIB NET		INFLIBNET	
Any other								

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

- \* OPAC
- \* Electronic Resource Management package for e-journals
- \* Federated searching tools to search articles in multiple databases
- \* Library Website

- \* **In-house/remote access to e-publications**
  - \* **Library automation**
  - \* **Total number of computers for public access**
  - \* **Total numbers of printers for public access**
  - \* **Internet band width/ speed 2mbps 10 mbps 1 gb (GB)**
  - \* **Institutional Repository**
  - \* **Content management system for e-learning**
  - \* **Participation in Resource sharing networks/consortia (like Inflibnet)**
- **OPAC:** The library has Online Public Access Catalogue (OPAC) through which users can search the information resources available in the library. Training on “How to use OPAC for search” is provided during the orientation class to the newly admitted students.
  - **Electronic Resource Management package for e-journals:** The College subscribes to e-journals through N-List of the INFLIBNET.
  - **Federated searching tools to search articles in multiple databases:** This facility is used by research scholars to find out articles related to their area of research.
  - **In-house/remote access to e-resources:** The main source of e-resources is through N-LIST, where users can login using their ID and password.
  - **Library Automation**
    - ❖ Library operations are fully automated using ‘Book Magic’ software which enables computerized management of library operations.
    - ❖ Users search a library catalogue principally to locate books available at a library
    - ❖ Some books are bar-coded which enables easy circulation.
  - **Total Number of computers for public access : 7**
  - **Total Number of printers for public access : 1**
  - **Internet band width/ speed : 2 mbps.**
  - **Participation in Resource sharing networks/consortia (like INFLIBNET):** The College has membership in the prestigious NLIST programme of INFLIBNET

#### **4.2.5 Provide details on the following items:**

- \* **Average number of walk-ins**
- \* **Average number of books issued/returned**
- \* **Ratio of library books to students enrolled**
- \* **Average number of books added during last three years**
- \* **Average number of login to opac (OPAC)**
- \* **Average number of login to e-resources**
- \* **Average number of e-resources downloaded/printed**
- \* **Number of information literacy trainings organized**
- \* **Details of “weeding out” of books and other materials**

<b>Particulars</b>	
Average number of walk-ins	200/day
Average number of books issued/returned /week	250/day
Ratio of library books to students enrolled	36:1
Average Number of books added during last three year	225
Average number of login to OPAC	60/day
Average number of login to e-resources downloaded/printed	30/day
Number of information literacy trainings organized	8
Details of “weeding out” of books and other materials	600

#### **4.2.6 Give details of the specialized services provided by the library**

- \* **Manuscripts**
  - \* **Reference**
  - \* **Reprography**
  - \* **ILL (Inter Library Loan Service)**
  - \* **Information deployment and notification (Information Deployment and Notification)**
  - \* **Download**
  - \* **Printing**
  - \* **Reading list/ Bibliography compilation**
  - \* **In-house/remote access to e-resources**
  - \* **User Orientation and awareness**
  - \* **Assistance in searching Databases**
  - \* **INFLIBNET/IUC facilities**
    - OPAC
    - Automated circulation
    - Fully computerized services
    - Free internet access
    - Open access system
    - CCTV
    - Printing and scanning facilities
- 
- ❖ **Reprography** : Photocopying facility is available at the Student Support Centre.
  - ❖ **Inter Library Loan Service:** Yes, borrowing of books and publications from other institutions to be arranged on request.
  - ❖ **Information deployment and Notification:** New arrivals displayed; information and notification put on the library notice board.
  - ❖ **Download:** Facility to download information resources is available in the library.
  - ❖ **Printing** : Facility is available.

- ❖ **Reading list/ Bibliography compilation:** Author, title, subject and publisher based reading list and bibliography are available via. OPAC.
- ❖ **In-house/remote access to e-resources/ In-house access to any e-resources:** Remote access to INFLIBNET
- ❖ **User Orientation and awareness:** Conducted for first semester students.
- ❖ **Assistance in searching Database:** On request
- ❖ **INFLIBNET/IUC facilities:** INFLIBNET, N-LIST facility with individual ID for students, researchers and faculty.

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

- ❖ The librarian/staff helps the students to search for books and other material.
- ❖ The library staff motivates students to visit the library daily.
- ❖ New arrivals are kept in open racks to attract and create interest in readers.
- ❖ 2 Mbps broadband Internet connection in the library.
- ❖ The first year students are given an orientation on the rules and regulations of the Library.
- ❖ Both teachers and student have access to internet services during the working hours free of any cost.
- ❖ Reprographic facility is available at the Student Support Centre.
- ❖ Online access to e-journals is provided through INFLIBNET
- ❖ Book reservation facility is provided.
- ❖ Search and location assistance for printed as well as e-learning resources through N-List and other educational web-sites
- ❖ Regular feedback is collected from library users.

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

- ❖ Installed software for the visually challenged named JAWS.
- ❖ Teachers and classmates browse the library and make books available to such students based on their requirements.
- ❖ Books are issued to the visually/physically challenged students for a longer time than the usual.

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

Yes. The College has started collecting feedback from the students for improving the library services. Feedback is collected from regular users of the library. The Library Advisory Committee analyses the feedbacks, and discusses the ways in which the services of the library can be improved.

Improvements based on feed backs

- ❖ More number of text books has been bought.
- ❖ CCTV cameras were installed to monitor discipline and security
- ❖ Provide more number of computers in internet section
- ❖ Provide Wi-Fi enabled IT infrastructure

### 4.3 IT Infrastructure

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

- Number of computers with configuration (provide actual number)

Specification	Number of computers
Intel (R) Xeon (R) E5405 @2.00GHz, 4 GB RAM	1
Intel (R) i5 processor, 4gb RAM	5
Intel dual core processor , 2GB RAM	64
Intel (R) core 2 duo, 2GB RAM	22
Intel Upgraded	80
Laptop	16
Total	188

- Computer student ratio - 1 : 11
- Stand alone facility - yes
- LAN facility – LAN facility is available in college office, library, Informatics lab
- Wifi facility - Available in Informatics lab and Research centre
- Licensed software – MS-Windows versions and Linux (Ubuntu versions), MS-Office. Library Automation software (BOOK MAGIC), Total Campus Solutions (TCS), ileap, Illustrator
- Number of nodes/computers with internet facility – 40

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

Basic IT facilities for browsing, etc are available in all Departments. However, considering the varied needs of the students and faculty of the present age, the IT facilities are far from complete. It was with the generous support from the UGC the IT facilities have been upgraded considerably. However, the target of the College to reduce the 'Digital Divide' and to have one digital device (Desktop/Laptop/Tablet) per student, at least at the PG level, is yet to be achieved.

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

A master plan to install a CAMPUS LAN connecting college office, Library and all departments is under consideration. We are planning to sign an MOU with BSNL to install its high-end facilities in the campus. Under this agreement, BSNL will provide optical fibre cable under NMEICT scheme which will boost the speed and reliability in internet access. Discussion and negotiations are also on with other service providers to convert the campus as a wifi zone.

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

The annual budget is prepared by the Management. The proposals for development and upgradation of I C T are presented to the management through the Principal. The Management very positively responds to the needs of the time by allocating necessary amount whenever necessary. The amount allotted for I C T is as follows:

		2010-11	2011-12	2012-13	2013-14	2014-15
1	ICT	327575	147000			106800

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

Our Computer lab provides sufficient number of computers with internet facility which facilitate the use of computer aided teaching and learning materials. Laptops and projectors are available in all departments which are used by faculty members and students for taking classes and presentations. The students and faculty are utilising them for teaching/learning process. However, the transformation to full-fledged digital compliant classes is yet to be achieved.

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

All departments have the facilities for ICT enabled teaching and learning. Students are encouraged to submit online assignments and make presentations at seminars. A digital class room is set up in the research centre through which resource persons from all over the world take classes and interact with students to cater their needs in various subjects.

The IT facilities need to be improved further. The present IT infrastructure is just enough to meet the basic computing needs of the student community. The aim of the College is to

provide stand-alone facilities to the students. However, the delay in the fund allocation and distribution from the agencies such as UGC had slowed down the program of transforming the college into a full-fledged digital compliant institution.

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

At present the institution does not avail of the facilities provided by NKN. We understand that it provides Ultra high speed Core connecting the institution with a wide range of Knowledge resources. In the near future we intend to be part of this knowledge sharing community because ours is an institution aspiring towards excellence.

**4.4 Maintenance of Campus Facilities**

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

- a. Building**
- b. Furniture**
- c. Equipment**
- d. Computers**
- e. Vehicles**
- f. Any other**

Amount spent on Maintenance in lakhs:

		2010-11	2011-12	2012-13	2013-14	2014-15
1	ICT	327575	147000			106800
2	Campus Infrastructure and facilities	1175000	50000	6265000	6265000	1700000
3	Equipments	98740	35000			
4	Others	951102	1195000	687294	6687294	291585
5	Total	2552417	1427000	6952294	6952294	2098385

Detailed income and expenditure statement is attached.

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

Departments are in charge of all the equipments. An employee, the Dafedar supervises all the maintenance activities under the guidance of the superintendent, who also receives instructions from the principal and management.

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

The institute takes up calibration and other precision measures for the equipments once in a year.

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

For the protection of the sensitive equipments the UPS back up, and a generator is used to meet the needs of the whole college. Constant water supply is also provided.

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

### **CRITERION V: STUDENT SUPPORT AND PROGRESSION**

#### **5.1 Student Mentoring and Support**

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

Yes, The College calendar is published every year giving details of the organisational structure of the College. It includes the name of the affiliating University, The College education Zone, Vision of the College, relevant telephone numbers, Email fax and other details, succession list of patrons, succession list of principals, governing body of the college, college Council, history of the college, List of university rank holders, members of the teaching and non teaching staff, details regarding officers in charge of the NCC,NSS, Hostel, IQAC, Anti Ragging Cell, students grievance cell, Public relations officer, PTA Secretary, Computer Centre ,Compulsory social service ,Planning Board, discipline committee, SC,ST Cell, Various Clubs, Walk with a scholar, scholar support programme, guidance and counselling cell, NET, SET Coaching, Pain and Palliative unit, Career guidance cell, Courses offered, Fee rates-regulation, disciplinary rules of the college, Fee concession and scholarships, Certificates (TC, Conduct), Facilities in the Library, Library rules, schemes implemented with UGC support, students co curricular amenities, College Union, Co operative credit society, Medals, prizes, scholarships and trophies, strength of SC, ST students , forms of application for transfer and Conduct certificate, College Alumina, Time table, details regarding computer and PNB extension counter.

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

**Government Scholarships:**

- Central sector scholarships (Central govt)
- Post metric scholarships (Central govt)
- Higher education scholarships (General)
- C.H.Muhammed Koya scholarships (Muslim girls)
- State merit scholarships (General)
- Suvarna Jubilee scholarships (BPL-students)
- Merit scholarships to the school teachers' children (School teachers)
- District merit scholarships (General)
- Hindi scholarships
- Sanskrit scholarships

2010-2011	Number of students	Amount
Financial support from institution		
Financial support from government	20	163944
Financial support from other sources	09	90210
Number of students who received International/ National recognitions		

2011-2012	Number of students	Amount
Financial support from institution		
Financial support from government	28	235980
Financial support from other sources	12	90960
Number of students who received International/ National recognitions		
2012-2013	Number of students	Amount
Financial support from institution		
Financial support from government	20	49195
Financial support from other sources	12	90960
Number of students who received International/ National recognitions		
2013-2014	Number of students	Amount
Financial support from institution		
Financial support from government	24	341201
Financial support from other	25	250000

sources		
Number of students who received International/ National recognitions		
2014-2015	Number of students	Amount
Financial support from institution		
Financial support from government	04	31575
Financial support from other sources	25	250000
Number of students who received International/ National recognitions		

### **Institutional Scholarships:**

1. FOUNDER'S MEDAL for the students who distinguishes himself/herself by outstanding performance in one of the degree examinations Arts, Science & Commerce. (Donors: Members of Zamorin's Swaroopam).
2. ZGCA-UAE CHAPTER CASH PRIZE awarded by the alumni of ZGC from UAE, to an outstanding student of the Degree course based on his/ her performance in both studies and extracurricular activities
3. PRINCIPAL GOPALA MENON MEDAL for the student who passes M.A. degree examination in Economics obtaining highest marks (Donor: Mrs. A. Gopala Menon in memory of Sri. A. Gopala Menon, Principal of the college from 1952-1954).
4. PUNNATHUR UNNITHAMPURAN MEDAL for the student who obtains highest marks in B.Sc. Chemistry (Donors: Friends of late Shri. P. Unnithampuran who was a Lecturer in Chemistry from 1939 to 1961)

5. T.C. GOPAL MEDAL for the student who passes with highest marks in B.A/B.Sc Part II Sanskrit (Donors: Staff of the College in memory of Shri. T.C. Gopal who was a lecturer in Sanskrit in the college during 1952-1961).
6. JANAKI AMMA MEMORIAL MEDAL for the student who obtains highest marks in B.A/B.Sc Part I English (Donor: Mrs. Rugmini Balakrishna Menon in memory of her Mother Smt. Janaki Amma)
7. T.V.NARAYANA PISHARODY MEMORIAL MEDAL for the student of the final year B.A. English degree class obtaining the highest marks in the University Examination (Donor: Smt. Shantha Narayanan)
8. T.V. NARAYANA PISHARODI MEMORIAL ENDOWEMENT for the students who obtains maximum marks in the I year MA Economics University Examination (Donor: Smt. Valsala Narayanan, Narayana Nivas, Puthiyara, Calicut)
9. PROF. K.N. SUBRAHMANYA IYER ENDOWMENT SCHOLARSHIP for the student of I, II and III year B.Sc. Chemistry classes securing highest marks in Chemistry main (Donors: old students and colleagues of Prof. K. N. Subrahmanya Iyer who was Professor in the college)
10. K.R.RAMAN MEMORIAL SCHOLARSHIP for the best student of the B.Sc. Mathematics class who is economically backward and does not enjoy other scholarship (Donors: by Staff of the Guruvayurappan College in memory of late Sri. K.R. Raman who was Lecturer in Mathematics)
11. M.K.VELLODY MEMORIAL SCHOLARSHIP for the best student of each one of the P.G. classes (Donor: Mrs. T.M. Kunhikavu Kovilamma in memory of her husband, Late Sri. M.K. Vellody, former president of the Board of Management of the college)
12. P.B. KURUP MEMORIAL SCHOLARSHIP for the best student of each one of the II B.Sc Chemistry and II B.Sc. Botany classes (Donors: Techno Chemical Industries Ltd. Calicut, in memory of its founder, Late Shri. P.B. Kurup, former President of the Board of Management of the college)
13. T. SANKUNNI KURUP MEMORIAL ENDOWMENT for the best sports talent from among the students of the college (Donors: Smt. Ambujakshi Amma, Dr. M.P.K. Menon and Smt. M.P. Syamala Devi in memory of Late Shri. Sankunni Kurup, former Physical Director of the college)
14. H. MANJUNATHA RAO MEMORIAL ENDOWMENT for the best student of B.A. Economics and B.A.Hindi-History classes to be awarded in every alternate year (Donors: Smt. Valsala, M. Rao in memory of Late Shri.H. Manjunatha Rao, former president of old students association and First Mayor of Calicut Corporation).

15. PROF. P.M. SHIYALI KOYA SCHOLARSHIP for the best student of III B.A. Sociology/Malayalam & II M.A. Sociology securing highest marks in the University examinations (Donors: old students & teaching staff of the Department of Sociology of the college in honour of Prof. P.M. Shiyali Koya, former head of Sociology Department)
16. PROF.P.C. ETTANUNNI RAJA MEMORIAL ENDOWMENT for the student who secures maximum marks in Malayalam in the final year B.A. Sociology-Malayalam University Examination.
17. PROF. SHANTHA NARAYANAN MEMORIAL ENDOWMENT to the student of Ist B.A. English who secures highest marks in the I B.A. University Examination (Donors: by friends of Late Smt. Shantha Narayanan).
18. PROF. SHANTHA NARAYANAN MEMORIAL PRICE to the student of I M.A. English who secures highest marks in the Ist M.A. (Donated by friends of Late Smt. Shantha Narayanan University Examination).
19. MULLASSERY MADHAVA MENON MEMORIAL ENDOWMENT for the student who secures highest marks in Chemistry main in the II B. Sc University Examination (Donors: Dr. V.K. Haridasan, former Principal, Zamorin's Guruvayurappan College)
20. CHENGALATH KALYANIKUTTY AMMA & RAO BAHADUR V.K. MENON MEMORIAL ENDOWMENT SCHOLARSHIP for two meritorious students, a boy and a girl studying in First year Commerce degree class and in the first year Humanities degree class (To be awarded till the student completes the course) (Donor: Chengalath 2000 C/o Panchavadi, 14/1, Madras Bank Road, Bangalore- 560 001, Representative: V. Shailaja, 19/1177, Chengalath House, Chalappuram, Kozhikode 673 002).
21. SCIENCE SCHOLARSHIPS for the best students in all 5 Science Batches (Botany, Zoology, Chemistry, Physics, Mathematics) who secures highest score in University Examination (Donated by Sri M.A. Menon and M. Indira in memory of their beloved father Late Sri P.C.V. Raja, Eravapad Raja of Calicut, Mother Late Smt. M. Janaki Amma & Brother Late Sri. M. Venugopalan)
22. P.K.S.RAJA MEMORIAL ENDOWMENT SCHOLARSHIP to the best girl student who has joined the Ist M.Sc. Physics course after completing B.Sc. Physics from Zamorin's Guruvayurappan College, She would be the recipient of the same next year provided she continues the course (Donors: Mrs. V.S. Raja, Building D-2, Flat No. 15, Chinthamani Nagar, Bibivewadi, Pune-37)

23. JOHN REYNOLDS ENDOWMENT SCHOLARSHIP to the best student of I M.A.English (Donors: Prof. Ivy. B. Varghese in memory of her father, Late Shri.John Reynolds)
24. CHANDRAMATHY RAJA & P.K.S. RAJA MEMORIAL SCHOLARSHIP to the students of the II B. Sc. Chemistry main and II B.Sc. Physics main course who secured highest marks in Part III subjects in the second year University Examinations (Donors: Dr. Parukutty Sharma and Dr. Rajendra Raja in memory of their mother, Late Smt. Chandramathi Raja and father Late Shri. P.K.S. Raja)
25. D.D. NAMPOOTHIRI ENDOWMENT SCHOLARSHIP for the student of PG Sociology who has completed the course and secured highest average marks (not less than 55%) in Sociology Theory papers of both the years (Donors: old students of the Department of Sociology in honour of Prof. D.D. Nampoothiri, former HOD of Sociology)
26. P.C. VEERARAYAN RAJA MEMORIAL ENDOWMENT SCHOLARSHIP to the student who secures highest marks in main subjects in University Examinations in I B. Sc Physics (Donors Shri. M.A. Menon in memory of his father Shri. P.C. Veerarayan Raja, former Eralpad Raja of Calicut who was a lecturer in the Department of Physics).
27. MANIKKETH GOPALA MENON MEMORIAL PRIZE to an economically weak student of the I year B.A. course (English, Hindi/History, Soc./Mal) (Donors: Mrs. Bhagi. G. Menon in memory of her father, Late Shri. Gopala Menon who was previously India's High Commissioner to U.S.A. and an old student of ZGC).
28. PADMAVATHI KOVILAMMA MEMORIAL ENDOWMENT scholarship for the poor and deserving student of B.Sc Mathematics who scores a minimum of I Class in main and subsidiary papers and a pass in languages in the Ist year University Examinations. The scholarship will be given to the same student in the II and III year also provided the student makes similar progress (Donors: Shri.T.R. Nedungadi, I.D.A.S. Rtd. Varada, House No 2529/A, C.H. Colony Road, Vellimadu Kunnu, Calicut.
29. PROF.P. RAJASEKHARAN NAIR MEMORIAL SCHOLARSHIP to the student of III B.Sc. Physics who secures highest marks in Electronics paper in the University Examination and has passed in all the papers in the University Examination of I and II year (Donors: Mrs. G. Ponnamma, wife of Late Shri. P. Rajasekharan Nair, Chandrakantham, Vengeri, Kozhikode)
30. ADV.V. SREEKUMARA MENON MEMORIAL ENDOWMENT to the meritorious student in the B.Com who has obtained highest marks in the subject of Law in the

University Examination (Donated by Mrs. Leela Sreekumara Menon in memory of her late husband, Adv.P. Sreekumara Menon)

31. PROF.K.V.KRISHNA IYER ENDOWMENT to the final year B.A. History student who secures highest marks in History in the final year University Examination (Donated by Mrs.V.K. Jayalakshmi Venkitaraman in memory of her father Late Prof. K.V. Krishna Iyer, former professor of History)
32. MUHAMMAR AMIN SHIROS MEMORIAL ENDOWMENT (NSS) to the best NSS volunteer (s) of the academic year (Donor: Deepak Kumar. K, former student of The Zamorin's Guruvayurappan College, in memory of his friend and classmate, Shiros who was also a former student of this college).
33. PADMANABHA IYER MEMORIAL ENDOWMENT PRIZE to the B.Sc. and M.Sc. Chemistry completed student who is economically backward and with good marks (Donor: Ms. Rugmini Teacher, Asst. Professor of Chemistry in memory of her late brother Dr. N. Padmanabha Iyer).
34. PROF. K. GOPINATHAN NAIR MEMORIAL ENDOWMENT PRIZE for the student who secures highest marks in the University Examination for M.Sc. Botany (Donors: PG students of Final year in memory of Late Prof. K. Gopinathan Nair, Former Principal and Head of the Department of Botany).
35. T.S. NEDUNGADI MEMORIAL ENDOWMENT PRIZE for the best student of the I year B.Sc. Botany (Donor: Dr. M. Jayasree, Former Head, PG Department & Research Centre of Botany).
36. C.K. THIRUMULPAD MEMORIAL ENDOWMENT PRIZE for the II year B.Sc. Physics student who is economically backward and with high score in Physics (Donor: Prof. Santhakumari, Former Professor of Department of Physics)
37. C. APPU NAIR MEMORIAL ENDOWMENT PRIZE for the student boy/girl who passes B.Sc. Degree Physics with maximum marks and who should also be a member of NCC of the College (Donor: Prof. Vanaja Kumari, Former Professor of the Department of Physics)
38. T.N. RAMAN NAIR MEMORIAL ENDOWMENT PRIZE to the student who secures the highest marks in II year Zoology Main paper in the University Examination (Donor: Dr.M. Madhavikutty, Principal of the College in memory of her father Late Sri. T.N. Raman Nair).
39. R.V.R. THAMPURAN MEMORIAL ENDOWMENT PRIZE to the student of B.Sc. Botany who secures highest marks in Zoology Subsidiary paper in the University Examinations (Donor: Smt. Samitha Varma, Former Associate Professor Department

of Botany in memory of her Father, Late Sri. R.V.R. Thampuran, former Head of the Department of Zoology).

40. A.K. RAMESH MEMORIAL ENDOWMENT PRIZE to the student who secures the highest marks in the IInd B.A. English (Main) Paper II in the University Examinations (Donor: Dr. Anitha Ramesh, Professor, Department of English in memory of her father Shri. A.K. Ramesh)
41. PROF.P. JAYALAKSHMI PRIZE to the student who secures the highest marks in the University Examination in B.Sc. Zoology Paper IV- Environmental Biology (Donor: Prof. P. Jayalakshmi, former Head of the Department of Zoology)
42. ENDOWMENT PRIZE INSTITUTED BY VIJAYA NARAYAN DAS, Former Head of the Department of Physical Education for the best outgoing student in sports talent.
43. MAHIMA VARMA MEMORIAL ENDOWMENT PRIZE
  - a. Mahima Varma Memorial Prize for the best outgoing student of M.Sc. Botany (Rs. 1000/-+ medal + certificate)
  - b. Mahima Varma Memorial Proficiency Prize, for the First year M.Sc. Botany student (Rs. 1000/- +certificate)
  - c. Mahima Varma Memorial scholarship for I year M.Sc. Student(s) who is having highest score (Rs. 10,000/-)
  - d. Mahima Varma Memorial scholarship for II year M.Sc. Student(s) who is having highest score (Rs. 10,000/-) (Donor: Her husband Balagopala Rajendra Varma, D-I, Prasanthi Apartment, Sanskrit College Road, Chakkarakulangara, Thripunithara) in memory of his Late wife Ms. Mahima Varma former student of M.Sc. Botany (2003-2005) of ZGC).
44. KARAT KESAVA MENON MEMORIAL PRIZE to the student of M.A. Malayalam who passes the University Examination with not less than 60% marks in all papers and highest marks in Sanskrit (Sub)Paper (Donor: Dr. Sreeranjini. G., Asst. Professor, Department of Malayalam).

### **SPECIAL PRIZES**

1. Prize sponsored by **Dr. N.K. Prabhavathy**, former Sel. Grade Lecturer, Dept of English to the student who secures the highest marks in the I & III Semester M.A. English in the University Examinations

2. Prize sponsored by **Prof. A.C. Pushpalatha**, Former Head, Dept of Zoology for the best outgoing student of B.Sc. Zoology who secures the highest marks in the University Examination

3. Prize sponsored by **Mrs. Krishnaveni**, Assistant Professor of Mathematics in memory of her late Father Sri. Balakrishnan Nambiar for the students of Mathematics who have shown exemplary social commitment.

#### SPECIAL AWARDS

1.	A.K.Ramesh Memorial Prize	Prize instituted by Dr. Anitha Ramesh, Professor, Dept. of English in memory of her father Shri.A.K.Ramesh to the student who secures the highest marks in the IInd B.A.English (Main) Paper II in the University Examinations.
2.	T.N.Raman Nair Memorial Prize	Sponsored by Dr.M.Madhavikutty Sel.Grade Lecturer,Dept. of Zoology, in memory of her father Late Sri.T.N.Raman Nair, to the student who secures the highest marks in IInd year Zoology Main paper in the University Examination
3.	Prize sponsored by Prof.A.C. Pushpalatha, Head, Dept of Zoology	To the best outgoing student of B.Sc.Zoology who secures the highest marks in the University Examination
4.	Karat KesavaMenon Memorial Prize	Sponsored by Dr.Sreeranjini.G, Lecturer, Dept. of Malayalam to the student of M.A.Malayalam who passes the University Examination with not less than 60% marks in all papers and highest marks in Sanskrit (Sub)Paper
5.	Prize sponsored by Prof.P. Jayalakshmi, former HOD, Dept. of Zoology	To the student who secures the highest marks in the University Examination in B.Sc. Zoology Paper IV- Environmental Biology
6.	Prize sponsored by Ms. Krishnaveni, Asst. Professor of Mathematics Department	In memory of her late Father Sri. Balakrishnan Nambiar for the students of Mathematics who have shown exemplary social commitment

<b>NSS AWARDS</b>			
	NSS Awards	For the best worker (Male)	
	NSS Awards	For the best camper (Male)	
	NSS Awards	For the best performance (Female)	
	NSS Awards	For the best performance (Female)	
<b>Blood Donation from 2013-016 –Students who donated blood more times</b>			
7.	Muhammed Suhail	VIth Sem B.Sc. Physics (9 times)	
8.	Binshad Ali	VIth Sem BA Mal./Sociology (8 times)	
9.	Jayesh	VIth Sem BA History (8 times)	
10.	Sharath Lal	VIth Sem BSc. Chemistry (6 times)	
11.	Narayanan Namboodiri	VIth Sem BSc. Physics (5 times)	
12.	Shyam Sankar	VIth Sem BSc. Physics (5 times)	
<b>E.D.CLUB AWARDS</b>			
13.	E.D.Club Awards	For the best performance	
14.	E.D.Club Awards	For the best performance	
15.	E.D.Club Awards	For the best performance	
16.	E.D.Club Awards	For the best performance	
17.	E.D.Club Awards	For the best performance	
18.	E.D.Club Awards	For the best performance	
19.	E.D.Club Awards	For the best performance	
20.	E.D.Club Awards	For the best performance	

<b>NCC AWARDS</b>			
21.	Sponsored by Old Students Association	For the best cadet	CPL. Anjali K.M. (IVth Sem BA Soc./Mal.)
<b>Proficiency Prizes for NCC students</b>			
1.	SUO Vishnu Sreejth M.	VIth Sem BSc. Chemistry	
2.	UO Midhun Raj	VIth Sem BSc. Chemistry	
3.	UO Sayi Sreerag B.P.	VIth Sem B.Sc. Physics	
4.	UO Brahmapriya	VIth Sem BA History	
5.	CQMS Adarsh S.	VIth Sem B.Sc. Physics	
6.	CSM Mahesh M.	VIth Sem BA History	
7.	SGT Navami C.K.	VIth Sem BA History	
8.	SGT Kripa Krishna	VIth Sem BA Economics	

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

80 % of the students enjoy fee concession/scholarships

**5.1.4 What are the specific support services/facilities available for:**

- **Students from SC/ST, OBC and economically weaker sections**
- **Students with physical disabilities**
- **Overseas students**
- **Students to participate in various competitions/National and International**
- **Medical assistance to students: health centre, health insurance etc.**
- **Organizing coaching classes for competitive exams**
- **Skill development (spoken English, computer literacy, etc.,)**
- **Support for “slow learners”**
- **Exposures of students to other institution of higher learning/ corporate/business house etc.**
- **Publication of student magazines**

No fee of any kind will be collected from the students belonging to scheduled castes, Scheduled tribes and other eligible communities. Students belonging to converts from

scheduled castes, Scheduled tribes should produce a certificate showing their community and those belonging to other backward classes and converts from them should produce community and income certificates from the Tahasildar concerned at the time of their admission. Students belonging to forward communities are also eligible for fee concession from the Harijan welfare department under Kumara Pillai Commission Report. They should produce the income and community certificates from the Tahasildar concerned at the time of their admission as in the case of backward community students subject to government orders in force from time to time. The teachers provide counselling to bring these students to the mainstream and they are given training to get employed, they are motivated to participate in NSS and NCC. Students with physical disabilities are given great care and consideration by the other students and teaching and non teaching staff. Scribes are provided for those who are not able to write the examination. Reservation for admission is given as per University rules. The IQAC has contributed two computers to the library to provide reading facility for visually challenged. All the student activities are encouraged by the College and sufficient financial support is provided by the management, staff and non teaching staff. For medical emergencies there is a health centre functioning within the campus and a clinic very close to the College. First aid facilities are provided in all the Departments. Apart from this there are qualified doctors in the yoga centre. Classes are conducted regularly to create awareness regarding health issues among the students. In Collaboration with ASAP spoken English Classes are provided for the students. Apart from this the department of Economics, Mathematics, and English are also conducted classes to develop communication skill among the students. The remedial and scholar support programmes are conducted to support slow learners. They actively participate Seminars and workshops conducted by other colleges and tours are conducted to industrial sites. Departments encourage students to publish manuscripts and every year college Union publish a magazine.

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

The college has an Entrepreneurship Development club which supports the institution to facilitate entrepreneurial skills. The ED Club trains students in entrepreneurship skills development through its various activities. The club has initiated various activities and has also published several books. The club conducted a talk on “Financial Instrument and encourage students to interact with business man”. The members of the club have participated in seminars organised by district industries centre Calicut.

ED Club members participated in the MSME Exhibition organized by the Department of Industries and Commerce, Government of Kerala. A seminar and work experience was conducted and the students manufactured and marketed cost effective detergent powder. Innovative business projects were presented in the, “India Innovation 2014”, business projects presentation competition. Prof. Kunjayamu Memorial cash award was awarded for two innovative projects. Field visits to Iringal Crafts Village and Eco Tourism project, Janakikkad, Kuttyadi were also conducted. Every year food fests are organised by the

students. Stalls are set and food prepared by the students are sold to the public. The ED Club has published twenty two books during the last five years.

Some of them are:

1. Universitiyile Pambukal
2. Idavapathiyil
3. Postmodernism in Sociology
4. Puranam, Puravritham, Puramporul
5. Maduryam ulla kooval

The Women's Development Cell started functioning in 2009. The cell aims at proper guidance of the girl students in their social relationships as well as family matters. It also aims at the enrichment of the girl students through skill development and entrepreneurship development programs. To achieve these goals, the Women's Development Cell conducted the following programs:

- Training to make ornaments of their own – to make them self-dependent.
- 10 students participated in the seminar conducted by District Welfare Office of the Govt. of Kerala – At hotel Hyson Heritage.
- Self employment training programs commenced:
  1. January 28, 2012-Stitching class was started. Three sewing machines were purchased for this purpose. Six students registered for this program. Two trainers were selected out of which one was Miss. Remyasree, a student of MSc. Chemistry. The classes were conducted as morning and evening sessions and it was convenient for the students.
  2. February 14, 2012- a class on fashion designing was given to 75 students. Mr. Vinil and Mr. Joby Thomas of the Academy of Fashion Designing engaged the classes.

A survey based on "Status of Women in Society" was conducted.

Eight girl students of the college participated in the Women Empowerment Program held at Tagore Centenary Hall, Calicut, conducted by DSWD, Kerala Govt.

Counselling and guidance were given to girls by W D C and other female teachers.

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

- \* additional academic support, flexibility in examinations
- \* special dietary requirements, sports uniform and materials
- \* any other

The college believes that the overall development of the students is complete only with participation in co curricular and extracurricular activities. The college has twenty clubs to support the students in these activities.

Sl.No	Clubs
1	ED Club

2	Tourism Club
3	Consumer Club
4	Nature Club
5	Literary and Debate Club
6	Drama Club
7	Dance and Music Club
8	Development Club
9	Philately and Numismatic Club
10	Bhoomitra Sena
11	V K Krishana Menon Centre
12	English Club
13	Health and Yoga Club
14	Media Club
15	Folklore Club
16	Audio Visual Club
17	Heritage Club
18	Free Software Club
19	ACK Raja Drawing and Painting Club
20	Martial Arts Club
21	Pain and Palliative Club

Regular programmes are conducted by these clubs and students enthusiastically participate in their activities.

Martial arts club has even conducted practise sessions for female students

College level competitions are held every year and the winners are selected to participate in inter collegiate university level competition. The College appoints three teachers in charge of the union activities and these teachers give proper guidance to the students in matter relating to participation in inter collegiate competitions. The college has consistently won the third or the fourth positions in the Zonal level competitions of the University of Calicut. Professional training is given to students in events like theatre, dance and music.

Participations in sports are also given proper encouragement training sessions are arranged early in the morning and this continues till late in the evening. Financial assistant is provided to the students who travel to participate in sports event. The physical education department has won several laurels for the college

Winners and participants of the both the cultural and sports events are given prizes by the PTA.

Internal examinations dates are flexible for these students and students who participate in outstation events are given ample opportunities to appear for their exams. Special classes are also given for these students

The college serves as avenue for several inter collegiate and Zonal level sports competitions.

The college provides support in matters of dietary requirements and uniforms. Food is provided to the students who participate in the training sessions and the cost borne completely by the college. Similarly the sports uniforms and material are also provided by the college

Winners in both cultural and sports events accorded grace marks by the University and the marks are added to the papers of their choice.

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

All information relating to competitive exams are displayed on the college notice board. There are separate cells which cater to the training requirements of students. The UGC CSIR-NET Cell provides training to PG students who are preparing for NET, SET classes. The classes are usually held on weekends and addition to classes by faculty, experts are also hired to handle classes. Civil services orientation classes are also given to the students. On a lesser scale coaching is provided for various competitive examination conducted by Banks, PSC and UPSC

**No. of student beneficiaries**

	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	
<b>No.</b>	160	160	180	200	180	<b>of</b>

**students qualified in this examination**

		2010-11	2011-12	2012-13	2013-14	2014-15
1	NET	3	4	4	5	
2	SET/SLET	8	2	4		1
3	GATE					
4	CAT			6	6	
5	IAS/IPS					
6	State PSC					

7	UPSC					
8	Others		3			

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

Counselling services are provided academic, personal, and career purposes. The college has a well defined tutorial system and all matters relating to academic and personal matters are discussed during the tutorial sessions. Individual sittings with the students are also conducted. The career guidance cell provides supports on career front. Seminars and workshops are conducted by this cell. There is also a counselling cell which offers counselling on all matters to the students. Students who need professional help are identified and directed to seek professional support.

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

Yes. The Career Guidance Cell of the college has been providing unstinting support to the students. Students are intimated about various job opportunities and are encouraged to participate in job fairs.

Coaching for entry into career for SC/ST/OBC and other minorities excluding creamy layer was conducted.

The equal opportunity Centre and the computer centre of the college jointly conducted a Govt. Approved diploma course in DCA, D Fin and CDTP.

A two-day training program on Personality Development and Career Awareness was conducted for First year students.

The Cell along with the Computer Centre has started a Computer Awareness and Automation Program for UG students.

The Centre has also successfully completed three-year integrated Soft Skills Training Program for 120 students.

Several reputed firms like Wipro and South Indian Bank have conducted campus recruitments for final year students.

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

Yes. The college has a Grievance Redressal Cell for the students. Each department has a Grievance Redressal Cell comprising of three senior teachers. Complaints are received from the students by the respective departments and the most of the issue are resolved. Issues of graver concern rooted to the college Grievance Redressal Cell. This is constituted with the principal as the chairman, five members of the teaching staff, students' representative functioning as the convenor, and college librarian. The complaints received by the cell are directed to the concerned departments and the matter is studied in detail. The time taken for the decision-making depends on the type of complaint. The involvement of the Grievance Redressal Cell has made the decision-making process much faster.

Some of the Grievances received by the Cell are:

1. Transportation: Issue was discussed with concerned authorities and in the collectors chamber and decision favourable to the students was taken.
2. Facility in the college: The complaint was forwarded to the management and the PTA and remedial measures were taken immediately
3. Internal grading: This was forwarded to the concerned department and correction were made

Misbehaviour of the teacher: This was treated as a very serious matter and a separate enquiry committee consisting of convenors of Women's Development Cell, Discipline Committee etc was constituted. The services of the teacher were terminated.

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

The college does not have a separate Redressal Cell to resolve issues pertaining to sexual harassment. The common Redressal Cell receives complaints in this regard and depending on the seriousness of the complaint, special committees are constituted.

However, the Women's Development Cell receives such complaints and helps in redressal of the issues. Sensitisation on gender issues is carried out by the cell through the conduct of classes and seminars.

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

Yes. There is an anti-ragging committee functioning in the college. Matters relating to ragging are treated seriously and genuine complaints are forwarded to the police authorities.

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

The students welfare scheme made available to the students by college are:

1. Scholarship and student welfare fund
2. Financial aid to economically backward students
3. Mid-day meal programme for economically backward students with the assistance of PTA
4. Differently-abled students provided support through special reading software, scribe support etc
5. Hostel facilities are provided for students from rural area
6. Tutorial and remedial system take care of academic issues
7. Regular orientation programme at the beginning of each academic year
8. Subsidies canteen facility

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

Yes, The college has very active alumni association which has chattered the different part of the world. Annual alumni meetings are held and planes of action are charted.

A group of old students have formed the charitable trust forum "Bhodhi". The activities of the alumni include

1. Instituting a Scholarship
2. Conducting job oriented seminars
3. Contributing to infrastructure development especially in the departments of Physics, Mathematics, and Chemistry.

Eminent alumni of the College include

1. H H the Late Zamorin Raja of Calicut, Sri PKS Raja, Retd. GM Telecom
2. Sri VK Krishna Menon, Indian nationalist, diplomat, and statesman, Time magazine's second most powerful Indian after Jawaharlal Nehru, Co-founding Editor, Penguin Books, former Defence Minister of India, former Indian Ambassador to the United Nations, former Indian High Commissioner to the United Kingdom
3. Sri SK Pottakkad, Travelogue Writer, recipient of Jnanpith, Kendra Sahitya Akademi Award, and Kerala Sahitya Akademi Award
4. Sri KP Kesava Menon, world famous Statesman, Founder, Mathrubhumi, recipient of Padma Bhushan Award
5. Sri CH Muhammed Koya, former Chief Minister and Education Minister, Kerala
6. Sri PP Ummer Koya, former Education Minister, Kerala
7. Sri MP Veerendrakumar, former MP, and Managing Director, Mathrubhumi
8. Dr MGS Narayanan, renowned historian former Chairman, ICHR
9. Smt. Susanna Thomas, Member of Parliament, Zolothun, Switzerland

10. Sri T Bhaskaran, IAS, Executive Director, KRWSA, and former District Collector, Wayanad
11. Sri Vijayan IPS, IG (Protection of Civil Rights), CNN-IBN Indian of the Year (Popular Choice), 2014
12. Sri C Radhakrishnan, Novelist, Recipient of Ezhuthachan Award in 2016
13. Sri Pradeep Kumar, MLA
14. Sri KP Mohanan, CEO Jai Hind TV
15. Sri PC Ravi Varma Raja R&D Manager, Rexanos, Chicago
16. Dr. Madhavan Kutty, Former Principal, Govt. Medical College, Calicut
17. Sri OM Nambiar, recipient of Dronacharya Award
18. Sri MN Karassery, Writer, Activist, and Academician
19. Dr. KP Mohanan, Secretary, Kerala Sahitya Akademi
20. Dr. P Hafis Muhammed, Author, Sociologist, Social activist, and Political commentator, recipient of MM Ghani Award
21. Dr. VK Haridas, former Principal, Zamorin's Guruvayurappan College, recipient of MM Ghani Award
22. Dr. M Snehaprabha, former Professor and the Head of the Department of English, Zamorin's Guruvayurappan College, Creative Writer, recipient of MM Ghani Award
23. Sri Kozhipurathu Madhava Menon, freedom fighter, served as Minister in the Madras State
24. Sri Johny C Joseph, former Head of the Department, Sociology, Zamorin's Guruvayurappan College, recipient of MM Ghani Award
25. Sri Chidanandan, Player, Kerala Santhosh Trophy team
26. Sri Satheesan Puthanpurayil,
27. Sri Sanjay, Assistant Professor, NIT Calicut
28. Sri ACK Raja, Artist of international repute
29. Sri A Sujanapal, Former Kerala State Minister of Forest
30. Sri T Shobheendran, Environment Activist, former Professor, Department of Economics, Zamorin's Guruvayurappan College, recipient of Vrikshamitra Award

These and many other notable members of the alumni have contributed to the social and cultural enhancement of the larger community in India and abroad.

## 5.2 Student Progression

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

Student progression	%
U G to P G	65
P G to M.Phil	15
P G to Ph.D	10
Employed	

-Campus selection	10
-Other than campus recruitment	55

UG to PG progression rate is high among the students of the college. A considerable number also pursue B.Ed and other professional courses. More than half of the students graduating from various courses each year seek employment.

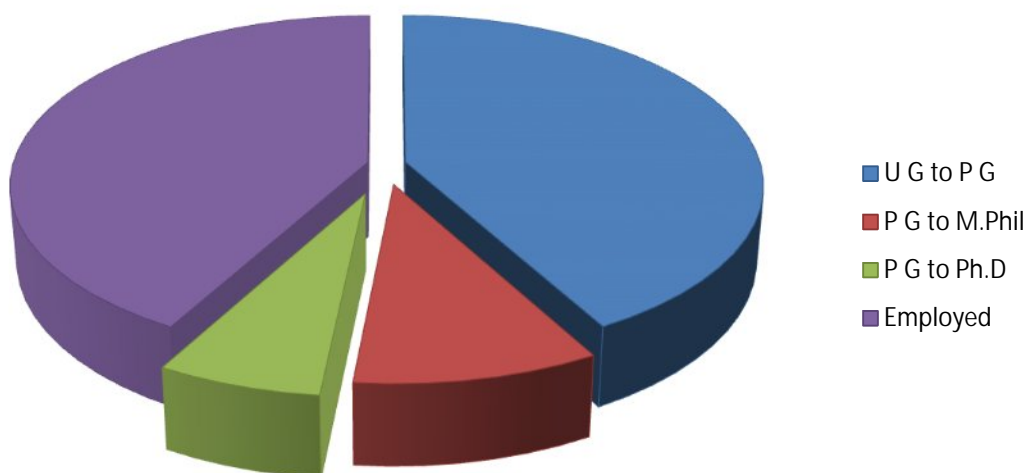


Figure 8: Student Progression

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

	2010-2011		2011-2012		2012-2013		2013-2014		2014-2015	
Title of the Programme	Total no of students appeared	Pass %	Total no of students appeared	Pass %	Total no of students appeared	Pass %	Total no of students appeared	Pass %	Total no of students	Pass %
<b>UG</b>										
Economics	52	92	51	51	51	73	51	61	37	73
English	23	83	27	89	27	89	22	91	29	89

<b>History</b>	<b>46</b>	<b>67</b>	<b>36</b>	<b>64</b>	<b>36</b>	<b>64</b>	<b>38</b>	<b>63</b>	<b>43</b>	<b>84</b>
<b>Socio/Mal</b>	<b>50</b>	<b>82</b>	<b>50</b>	<b>90</b>	<b>50</b>	<b>90</b>	<b>45</b>	<b>78</b>	<b>46</b>	<b>89</b>
<b>Hindi/History</b>	<b>23</b>	<b>87</b>	<b>20</b>	<b>60</b>	<b>20</b>	<b>60</b>	<b>18</b>	<b>78</b>	<b>38</b>	<b>58</b>
<b>Mathematics</b>	<b>45</b>	<b>64</b>	<b>30</b>	<b>93</b>	<b>30</b>	<b>93</b>	<b>29</b>	<b>69</b>	<b>43</b>	<b>72</b>
<b>Physics</b>	<b>36</b>	<b>67</b>	<b>38</b>	<b>82</b>	<b>38</b>	<b>82</b>	<b>37</b>	<b>57</b>	<b>39</b>	<b>69</b>
<b>Chemistry</b>	<b>43</b>	<b>56</b>	<b>37</b>	<b>78</b>	<b>37</b>	<b>78</b>	<b>38</b>	<b>76</b>	<b>34</b>	<b>82</b>
<b>Botany</b>	<b>25</b>	<b>68</b>	<b>21</b>	<b>100</b>	<b>21</b>	<b>100</b>	<b>28</b>	<b>46</b>	<b>27</b>	<b>74</b>
<b>Zoology</b>	<b>29</b>	<b>76</b>	<b>27</b>	<b>74</b>	<b>27</b>	<b>74</b>	<b>28</b>	<b>71</b>	<b>22</b>	<b>81</b>
<b>Commerce</b>	<b>61</b>	<b>51</b>	<b>46</b>	<b>96</b>	<b>46</b>	<b>96</b>	<b>54</b>	<b>48</b>	<b>43</b>	<b>84</b>
<b>PG</b>	<b>20</b>	<b>85</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>18</b>	<b>100</b>	<b>16</b>	<b>100</b>
<b>Economics</b>										
<b>Sociology</b>	<b>16</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>94</b>	<b>19</b>	<b>90</b>
<b>English</b>	<b>18</b>	<b>78</b>	<b>17</b>	<b>100</b>	<b>17</b>	<b>100</b>	<b>14</b>	<b>100</b>	<b>13</b>	<b>100</b>
<b>Malayalam</b>	<b>16</b>	<b>94</b>	<b>18</b>	<b>100</b>	<b>18</b>	<b>100</b>	<b>18</b>	<b>94</b>	<b>20</b>	<b>100</b>
<b>Botany</b>	<b>12</b>	<b>75</b>	<b>11</b>	<b>100</b>	<b>11</b>	<b>100</b>	<b>12</b>	<b>92</b>	<b>12</b>	<b>100</b>
<b>Chemistry</b>	<b>10</b>	<b>60</b>	<b>09</b>	<b>100</b>	<b>09</b>	<b>100</b>	<b>09</b>	<b>89</b>	<b>10</b>	<b>100</b>

<b>Health &amp; Yoga</b>	<b>07</b>	<b>57</b>	<b>09</b>	<b>44</b>	<b>09</b>	<b>89</b>	<b>13</b>	<b>100</b>	<b>Result</b>	await ed
<b>Commerce</b>	<b>18</b>	<b>33</b>	<b>16</b>	<b>100</b>	<b>18</b>	<b>94</b>	<b>20</b>	<b>85</b>	<b>18</b>	<b>94</b>

The institution tracks the progress in academic affairs by conducting meetings of the heads of the departments and tutors to discuss the progress of the students. The results of the examinations are on its rise but the year 2014-15 saw a small drop in the academic environment because of certain trends that are prevalent in the society. Schooling system up to plus-two also has brought in certain setbacks. But still the disciplines of Humanities and Arts have been able to bring out better results over the years. The science departments find it difficult because the quality of students who come for traditional courses has decreased considerably, even though the number has increased.

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

ZCIR, the centre for inter-disciplinary research promotes research acumen among students through various programs. Paper presentation competitions are held for PG and UG students each year.

Both PG and UG students of all disciplines have to undertake project work as part of their programs, and care is taken to help them choose topics that would help them in future research.

Coaching for UGC NET/CSIR tests are conducted to help students clear the exams. Notifications for admissions to centres of higher learning published online and in newspapers are communicated to the students and are displayed on the respective notice-boards by the departments.

Students are encouraged to participate in inter-collegiate paper presentation contests.

The students are encouraged to pursue higher education by providing scholarships. They are:

- **FOUNDER'S MEDAL** for the students who distinguishes himself/herself by outstanding performance in one of the degree examinations Arts, Science & Commerce. (Donors: Members of Zamorin's Swaroopam).
- **P.K.S.RAJA MEMORIAL ENDOWMENT SCHOLARSHIP** to the best girl student who has joined the Ist M.Sc. Physics course after completing B.Sc. Physics from Zamorin's Guruvayurappan College, She would be the recipient of the same next year provided she continues the course (Donors: Mrs. V.S. Raja, Building D-2, Flat No. 15, Chinthamani Nagar, Bibivewadi, Pune-37).
- **SCIENCE SCHOLARSHIPS** for the best students in all 5 Science Batches (Botany, Zoology, Chemistry, Physics, Mathematics) who secures highest score in University Examination (Donated by Sri M.A. Menon and M. Indira in memory of their beloved father Late Sri P.C.V. Raja, Eravapad Raja of Calicut, Mother Late Smt. M. Janaki Amma & Brother Late Sri. M. Venugopalan)

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

The drop-out rate in the college is very low. The Tutorial system is very effective and whenever such a tendency is noticed, adequate measures are taken. In case of economic reasons, financial support is provided and in case of deserving students, various scholarships instituted by the alumni are availed.

In some cases, female students are married off at an early age due to social pressure and in such instances, tutors give counselling to parents and guardians. These students are encouraged to continue their education even in the event of marriage.

Regular PTA meetings are conducted and the communication channels between the teachers and parents are always open.

The PTA provides noon meals to about hundred students each year. The beneficiaries are the students from economically and socially backward sections of the society. The intention is to prevent dropouts.

In the case of a tribal girl who felt socially and culturally alienated from the mainstream, a home visit method was used to prevent a case of dropout..

Student Counselling Centre provides support to students who have problems adjusting to the new environment

Proper support is given to slow learners through remedial programs and Scholar Support programs.

Even after employing all the above mentioned measures, there have been instances of students unable to cope up with their course of study In such cases, the students were given necessary directions to continue courses they are comfortable with in other institutions.

## 5.3 Student Participation and Activities

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

The college believes that the curricular aspects of education alone will not be sufficient for the overall development of students. As such, plenty of encouragement is given to co-curricular and extra-curricular aspects.

Given below is the table containing details of student participation in NCC, NSS, Sports and cultural events

No. of students participated in NSS events

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level	09	35	28	37	90
2	State level	17	03	02	02	
3	National level	04	03	04	27	
4	International level	03				

No. of students participated in NCC events

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level	160	139	160	160	160

2	State level	01				01
3	National level	03	16	10	10	12
4	International level	NIL				

No. of Awards won in NSS

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level		06	01	01	
2	State level	04	02			
3	National level					
4	International level					

No. of Awards won in NCC

		2010-11	2011-12	2012-13	2013-14	2014-15
1	University level	02		03	03	
2	State level					
3	National level					
4	International level					

No. of students participated in sports, Games and other events

	State/ University level	National level	International level
2010-2011	200	06	
2011-2012	200	06	
2012-2013	210	06	
2013-2014	210	06	
2014-2015	180	11	

No. of students participated in cultural events

	State/ University level	National level	International level
2010-2011	160		
2011-2012	160		
2012-2013	170		
2013-2014	170		
2014-2015	90		

No of medals/awards won by students in Sports, Games and Other events

SPORTS	State/ University level	National level	International level
2010-2011	25	05	
2011-2012	25	05	
2012-2013	94	01	
2013-2014	94	01	
2014-2015	105	08	

CULTURAL	State/ University level	National level	International level
2010-2011	10		
2011-2012	10		
2012-2013	130		
2013-2014	130		
2014-2015	32		

Program calendar for the last four years:

Year	Activity	Date
2010-11	1. Independence Day Celebrations	August 15
	2. Onam Celebration	August 20
	3. College Union Election	July 29
	4. Union Inauguration	September 6
	5. Fine Arts Inauguration	September 21-22
	6. B Zone	December 20-21
	7. Christmas Celebration	December 22
	8. Republic Day	January 26
	9. International Women's Day	March 8

	10. College Day Celebration	March 10
2011-12	1.Independence Day Celebrations	August 15
	2.Onam Celebration	September 2
	3.College Union Election	September 29
	4. Union Inauguration	October 10
	5.Fine Arts Inauguration	October 26-27
	6. B Zone	December 19-23
	7.Christmas Celebration	December 23
	8.Republic Day	January 26
	9.International Women's Day	March 8
	10.College Day Celebration	March 16
2012-13	1.Environment Day Celebration	June 5
	2.Independence Day Celebrations	August 15
	3.Onam Celebration	September 13
	4.College Union Election	October 4
	5. Union Inauguration	October 19
	6.Fine Arts Inauguration	November 22-23
	7. B Zone	January 8-12
	8.Christmas Celebration	December 21
	9.Republic Day	January 26
	10.International Women's Day	March 8
	11.College Day Celebration	March 13
2013-14	1.Environment Day Celebration	June 5
	2.Independence Day Celebrations	August 15

	3.College Union Election	September 5
	4. Onam Celebration	September 12
	5. Union Inauguration	October 4
	6.Fine Arts Inauguration	October 24-25
	7. B Zone	January 28 – February 1
	8.Christmas Celebration	December 20
	9.Republic Day	January 26
	10.International Women’s Day	March 7
	11.College Day Celebration	March 18
2014-15	1.Environment Day Celebration	June 5
	2.Independence Day Celebrations	August 15
	3.College Union Election	September 4
	4. Onam Celebration	September 5
	5. Union Inauguration	October 6
	6.Fine Arts Inauguration	October 29-30
	7. B Zone	January 27-30
	8.Christmas Celebration	December 19
	9.Republic Day	January 26
	10.International Women’s Day	March 9
	11.College Day Celebration	March 17

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

2010-2011			
NATIONAL			
SL.NO	NAME	EVENT	MEDAL

			Gold	Silver	Broze
1	SruthiA	Power Lifting	1		
2	Krishna Kumar.C	Power Lifting	1		
UNIVERSITY					
SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Krishna Kumar.C	Power Lifting			1
2	Salooja Bigam.I	Power Lifting	1		
3	Savad.N	Power Lifting	1		
2011-2012					
NATIONAL					
SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Savad.N	Weight Lifting			1
2	Muhammed Javad	Power Lifting			1
3	Arun Krishna	Power Lifting		1	
4	Divya.M.M	Yoga			1
5	Rini Vargheese	Yoga			1
6	Aswathy.S	Yoga			1
7	Aishwarya Arangil	Yoga			1
8	Bijisha.T.C	Yoga			1
STATE					
SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Savad.N	Weight Lifting	1		
2	Muhammed Javad	Power Lifting		1	
3	Agma Rani	Boxing	1	1	
4	Agma Rani	Wrestling			1
5	Divya.M.M	Yoga	1		
6	Bijisha.T.C	Yoga		1	
7	Rini Vargheese	Yoga		1	
8	Aswathy.S	Yoga		1	
9	Aishwarya Arangil	Yoga		1	
10	Prabeesh.A	Power Lifting			1
UNIVERSITY					
SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Mazood Ahzan	Power Lifting	1		
2	Mazood Ahzan	Weight Lifting	1	1	
3	Rishikesh.K	Power Lifting		1	
4	Rishikesh.K	Weight Lifting	1		
5	Muhammed Javad	Power Lifting	1		
6	Shalooja Beegam	Power Lifting	1		

7	Shalooja Beegam	Power Lifting		1	
8	Agma Rani	Power Lifting			1
9	Prabeesh.A	Power Lifting		1	
10	Danish Irfan	Power Lifting		1	
11	Danish Irfan	Weight Lifting		1	
12	Danish Irfan	Boxing		1	
13	Danish Irfan	Wrestling		1	
14	Muhammed Shajeer	Boxing	1		
15	Savad.N	Weight Lifting	1		
16	Adarsh.M.K	Weight Lifting			1
17	Prabeesh.A	Weight Lifting			1
18	Vishnu.K.K	Power Lifting		1	
19	Vishnu.K.K	Weight Lifting		1	
20	Suma.B.P	Power Lifting			1
21	Sanjay Menon	Power Lifting		1	
22	Jinu	Weight Lifting			1

## 2012-2013

### STATE

SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Rishikesh.K	Weight Lifting	1		
2	Divya.M.M	Yoga	1		
3	Aswathy.S	Yoga		1	
4	Rini Vargheese	Yoga			1
5	Vishnu.K	Boxing	1		
6	Vyshnav.D.H	Boxing	1		
7	Rafeek.K.K	Weight Lifting	1		
8	Vyshakh.K	Yoga		1	

### UNIVERSITY

SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Archana.K	Kalaripayattu	2	4	4
2	Vineetha.P	Kalaripayattu	1	2	
3	Sabith.C.P	Boxing			1
4	Sooraj K Manohar	Boxing			1
5	Vivek.C.V	Boxing			1
6	Vishnu.K	Boxing			1
7	Sachu.G.S	Boxing			1
8	Jafar.C.V	Boxing			1
9	Muhammed Shareef	Taekwondo	1		
10	Vyshnav.K	Taekwondo	1		
11	Shibin.P	Taekwondo			1
12	Prabeesh.A	Power Lifting		1	

13	Saresh.S.K	Power Lifting			1
14	Prajith Kumar.G	Power Lifting			1
15	Muhammed Javad.T.M	Power Lifting		1	

## 2013-2014

### NATIONAL

SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Dhilna.K	Shooting	2		
2	Vijin Krishna	Power Lifting	1		
3	Manoj.C	Taekwondo	1		
4	Sanal Kumar.K	Taekwondo	1		
5	Vyshnav.K	Taekwondo			1
6	Nandha Kumar.C	Power Lifting		1	
7	Vijin Krishna.V.T	Power Lifting	1		
8	Jishnu.C	Power Lifting	1	1	
9	Muhammed Javad.T.M	Power Lifting			1

### STATE

SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Arjun.K	Chess		1	
2	Dhilna.K	Shooting		4	
3	Surya.K	Weight Lifting			1
4	Vyshnav.K	Taekwondo		1	
5	Manoj.C	Taekwondo		1	
6	Sanal Kumar	Taekwondo		1	
7	Nandha Kumar.C	Power Lifting	1		
8	Vipin Kesav	Power Lifting		1	
9	Jithin Prasad	Power Lifting	1		
10	Muhammed Javad.T.M	Power Lifting	1	1	
11	Sreeraj.P.S	Power Lifting	1		
12	Saresh.S.K	Power Lifting			1
13	Vijin Krishna.V.T	Power Lifting	1		1
14	Jishnu.C	Power Lifting	1	1	
15	Athira.T	Weight Lifting			1
16	Surya.K	Weight Lifting		1	
17	Vrinda.T	Weight Lifting		1	
18	Anjana.N.V	Wrestling	1		
19	Anjana.N.V	Judo		2	

### UNIVERSITY

SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Vyshnav.K	Taekwondo	1		
2	Manoj.C	Taekwondo			1

3	Rahmathulla Faiz.C.V	Taekwondo			1
4	Anas.P.K	Taekwondo			1
5	Saresh.S.K	Power Lifting	1		
6	Sreeraj.P.S	Power Lifting		1	
7	Nandha Kumar.C	Power Lifting		1	
8	Muhammed Javad.T.M	Power Lifting	1		
9	Vijin Krishna.V.T	Power Lifting		1	
10	Jishnu.C	Power Lifting			1
11	Surya.K	Power Lifting		1	
12	Anjana.N.V	Power Lifting			1
13	Jafar.C.V	Boxing		1	
14	Vyshnav.D.H	Boxing			1
15	Sabith.C.P	Boxing		1	
16	Aswin.A	Boxing			1
17	Khalid.P.p	Boxing		1	
18	Thejas.P	Boxing			1
19	Vyshnav.K	Boxing			1
20	Saresh.S.K	Weight Lifting	1		
21	Puneeth.E	Weight Lifting		1	
22	Athira.T	Weight Lifting		1	
23	Surya.K	Weight Lifting		1	
24	Vrinda.T	Weight Lifting			1
25	Anas.P.K	Wrestling		1	
26	Anjana.N.V	Judo			1
27	Vyshakh.K	Kalaripayattu		2	1
28	Archana.K	Kalaripayattu		1	8

#### NATIONAL

SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Vyshnav.K	Taekwondo			1
2	Sanal Kumar.K	Taekwondo	1		
3	Manoj.C	Taekwondo	1		
4	Vijin Krishna.V.T	Power Lifting	1	1	

#### STATE

SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Arjun.K	Chess	1		
2	Vyshnav.K	Taekwondo			1
3	Sanal Kumar.K	Taekwondo	1		
4	Manoj.C	Taekwondo	1		
5	Vijin Krishna.V.T	Power Lifting	2		
6	Divya.N.P	Power Lifting	1	1	
7	Surya.K	Weight Lifting		1	
8	Anjana.N.V	Wrestling	1		

UNIVERSITY					
SL.NO	NAME	EVENT	MEDAL		
			Gold	Silver	Broze
1	Vijin Krishna.V.T	Power Lifting	2		
2	Arjun.K	Chess		1	
3	Sanal Kumar.K	Taekwondo	1		
4	Nibhash.K.P	Taekwondo			1
5	Manoj.C	Taekwondo	1		
6	Pradan.A.S	Taekwondo			1
7	Sanal.M.p	Taekwondo			1
8	Rahamathulla Faiz.C.V	Taekwondo		1	
9	AnandMohandas.K.K	Taekwondo	1		
10	Vyshnav.K	Taekwondo	1		
11	Muhammed Rasheed	Taekwondo			1
12	Sreeraj.P.S	Power Lifting		1	
13	Vijin Krishna.V.T	Power Lifting		1	
14	Vipin Kesav.C.K	Power Lifting	1		
15	Abhinav.A.V	Power Lifting			1
16	Nandhakumar.C	Power Lifting			1
17	Jishnu.C	Power Lifting			1
18	Divya.N.P	Power Lifting	1		
19	Anju Arown Rose	Power Lifting	1		
20	Jafar.C.V	Boxing	1		
21	Vyshnav.D.H	Boxing		1	
22	AnandMohandas.K.K	Boxing			1
23	Sachu.G.S	Boxing		1	
24	Khalid.P.P	Boxing		1	
25	Thejas.P	Boxing			1
26	Vyshnav.K	Boxing			1
27	Sreeraj.P.S	Weight Lifting			1
28	Abhinav.A.V	Weight Lifting			1
29	Vrinda.T	Weight Lifting		1	
30	Surya.K	Weight Lifting		1	
31	Divya.N.P	Weight Lifting			1
32	Anas.P.k	Wrestling			1
33	Sreeraj.P.S	Best Physique		1	
34	Jaimol Jose	Judo			1

Achievements of the College in 2014 B zone were as follows:

Malayalam Drama – Prethabhashanam – First and Best Actor

English Drama – First and Best Actor

Oppana – Second

Group Dance (Male) - Second

Group Dance (Female) – Second

Folk Dance (Female) – First  
Folk Dance (Male) – Second  
Group Song – Second  
Patriotic Song – Second  
Poorakkali – Second

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

The college takes several measures to collect feedback from the students. Student feedback is collected during Tutorial sessions. Similarly, feedback is also collected from a sample group during each semester. The IQAC also conducts annual meetings with the parents and students and their comments and grievances are recorded. Whenever it is possible, a separate day is allotted for the final semester students and their recommendations are recorded. Their suggestions on alterations of the syllabi etc. are treated with due seriousness and the issues are taken up in various platforms.

The College has not yet started a provision to collect feedback from the employers of our students.

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

The ED Club of the college has been instrumental in publishing about 20 books during the past five years. The students are also given the additional duty of marketing the books as well. Some of them are:

The projects and assignments of the students converted into book forms are kept in the department libraries for future reference.

The departments publish manuscript magazines.

The student union brings out a college magazine every year.

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

Yes. Student participation in the activities of the college is enhanced by the formation of the College Students Union comprising of elected representatives of the students. The election of the office bearers of the union is conducted on democratic norms observing University rules. The term of a college union is One academic year.

The Student Union has the following posts:

- Chairman
- Vice Chairman
- General Secretary
- Joint Secretary
- Secretary, Fine Arts.
- Student Editor
- University Union Councillors(2 posts)
- General Captain
- Secretary- Associations
- Representatives- Degree and PG

The Student Union actively involves in curricular and co-curricular activities of the college. Some broad areas of such involvements are the following:

- Conduct of Fine Arts day and College Day
- Conduct of Sports Day
- Conduct of seminars, exhibitions and study tour.
- Maintenance of discipline in the campus
- Active participation in student welfare activities
- Publication of college magazine

The expenses in connection with Students Union activities are met from Student Union Fund, PTA, Management and the sponsors.

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

We have student representation in the following bodies:

- Governing body of the college
- Planning Board
- Grievance Redressal Cell
- IQAC

Student Union Chairman is the voting member of all the institute bodies mentioned above. Chairman acts as a bridge between the college administration and the students, representing student needs and demands in these bodies and communicating their decisions back to the General Student Body through Open Forums.

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

The college has a very active and vibrant old students association.

The association organised an international seminar titled 'My Future' on the possibilities of IT and Management.

They offer financial assistance to the economically deprived meritorious students.

ZGC UAE chapter gives eighteen scholarships for meritorious students in UG and PG each year.

A special award of Rs 10,000/- is given annually to the Best Outgoing Student. PROF. P.M. SHIYALI KOYA SHOLARSHIP for the best student of III B.A. Sociology/Malayalam & II M.A. Sociology securing highest marks in the University examinations (Donors: old students & teaching staff of the Department of Sociology of the college in honour of Prof. P.M. Shiyali Koya, former head of Sociology Department)

The Budha statue inside the campus was rebuilt with the help of the alumni.

Cash awards are given to the best NCC cadets.

Zamorin's Physics Alumni Association (ZAMPAA) sponsored a sum of rupees one lakh towards the renovation of the existing laboratory.

Maths Alumni Association donated several computers, cupboards and books worth Rs 50,000/-to the Maths Department.

Frequent Get-togethers are organised within and outside the campus involving the former as well as the present faculty of the college.

A Charitable organisation by the old students, Bodhi, has been very active in the recent years. They provide financial, psychological and physical support to the needy, especially the former students of this college.

Various online communities have come up in the recent times on the social media sites. This has aided in providing a database of the alumni of the college.

The president of the Old Students Association is a member of the special committee of IQAC.

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

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

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

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

**Vision:**

The vision of our college is to help the students achieve academic excellence and play the role of socially responsible individuals by including social values. All our efforts are directed towards the achievement of this vision.

**Mission:**

Our central mission is to provide sufficient nourishment to an individual through the right combination of environmental settings and quality service in order to rise towards excellence which calls for individual efforts

**Objectives:**

- To equip the students with the ability to earn their livelihood.
- To develop a sense of social responsibility among students
- To develop social skills and inculcate values like co-operation, team spirit, discipline, fair play and so on through extracurricular activities.
- To transmit social heritage through various organizational units.
- To create a conducive environment in promoting individual qualities such as personal initiatives, accurate thinking, positive attitude, determination, the tenacity to achieve goals and the overall personality development of the student.
- To educate the students to respect and earn respect.
- To ensure equity in access to education.

The interpretation of the shloka "Uddharethathmanathmanam..." (a quote from the Bhagavat Gita) which is part of the College emblem, has been accepted as the mission statement of the institute. It means, the individual should help himself to rise above the petty concerns of life. The vision, mission, and objectives are in tune with the Indian tradition that asserts that the individual is capable enough to enrich and enlighten the self.

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

The Management is supported by the Governing body which includes members of the Zamorin family and representatives of the University, Kerala Government, teachers, non-teaching staff, and students. The Principal is also part of the Governing Body, mediating between the College and management. The Principal also participates in the Meetings held by the Dy. Director, Colleeate Education, Kozhikode, Higher Education Secretary, and the College Development Council of the University. The policies are imparted to the faculty, non-teaching staff and the students through the College Council. Different official bodies, like the

IQAC, UGC Cell, Planning Board, ZCIR, CUCBCSS, Discipline Committee, SC/ST Cell etc. function for the smooth implementation of the policies.

add diagram planning board

### **6.1.3 What is the involvement of the leadership in ensuring:**

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

A Planning Board is set up to develop, implement and monitor the long term plans of the institution.

Team based structures are set up to discharge academic and support functions.

In addition to, IQAC, ZCIR, etc. there are a number of clubs and the College Union that reinforces the culture of excellence and champion organisational change.

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

Regular meetings of the College Council, Planning Board, and the IQAC are conducted to discuss and plan the implementation of policies. The other official bodies also meet regularly to design the conduct of exams, evaluations, cultural programs, sports, etc.

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

The management is always a source of inspiration and encouragement to the faculty. The management encourages teachers to enhance their quality through programs like FDP and Orientation course. They also encourage the teachers to take lead roles in the various committees constituted for the overall smooth functioning of the institution.

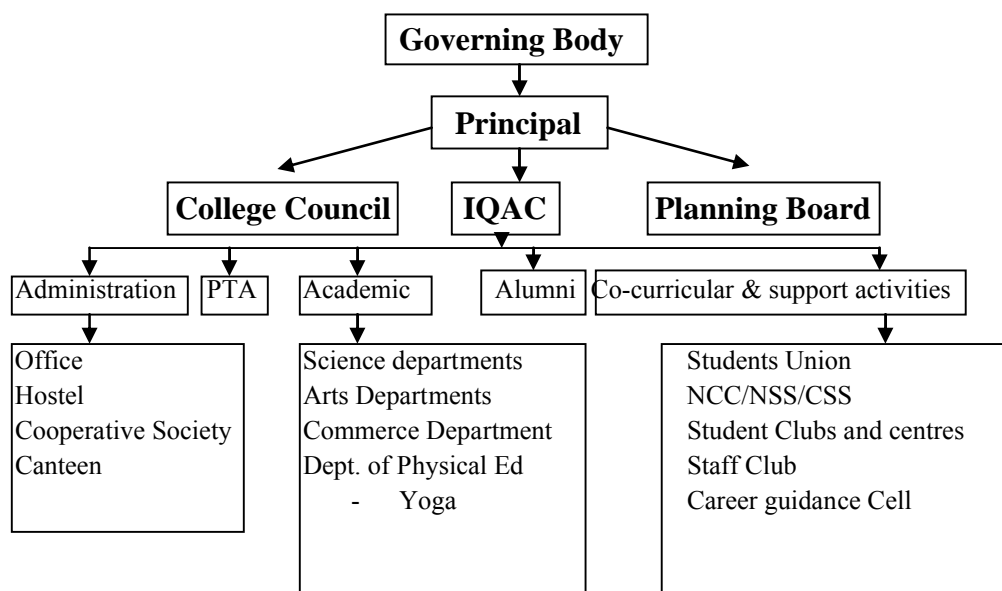
### **6.1.6 How does the college groom leadership at various levels?**

The College Union comes into existence through an election process which is similar to that of parliamentary election. The elected members take up various responsibility as Chairman, Secretary, Fine Arts Secretary, UUC, General Captain, Magazine Editor, etc. These positions help students in various capacities to express their leadership and learn how to become good citizens of the future. They are accountable to the General Student Body.

The teachers take up responsibilities of Deputy Warden of Hostels, NSS Program Officer, NCC Officer, as Conveners of Clubs, etc. which provides them with an opportunity to guide students, support them in their activities and academics, and in turn become inspiring role models to the student community.

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

The governance system is decentralized and sharing of administrative responsibilities is integral to the operational method of the college. The Principal facilitates the execution of rules, regulations, directives, and guidelines of the University as well as the policy decision of the governing body. The faculty members of the departments are empowered to take the lead role in formulating policies and organising teaching-learning and extracurricular activities within the prescribed curriculum. The various department associations, programs and activities of the students units, NCC, NSS, Clubs and cells invariably creates a conducive learning opportunity and development for the student community. The faculty convenors of the different clubs and committees are provided with autonomy to deliver effectively the duty entrusted to them. The PTA and the college office provide the necessary financial and administrative support for implementation of policies. The Hostel committee assisted by the hostel staff handles the intake and requirements of resident students. The librarian in consultation with the library committee provides the requisite resources to the students. The ZCIR fosters inter disciplinary and multi disciplinary studies for both the academic and the student community. The college computer centre caters to the ICT learning and dissemination. The IQAC plays a crucial role in monitoring and guiding quality assurance and enhancement. Long term developmental plans for the institution are evolved and implemented by the planning board. The high degree of delegation of authority provides the necessary operational autonomy and helps in ensuring the decentralised governing system in the college.



- Gymnasium	Health Centre
ZCIR	Counselling Cell
Library	Women's Development Cell
Computer Centre	

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

The culture of participative management has been adopted in the college ensuring representation of all stakeholders and is found to be extremely effective. The Principal is an ex-officio member of the governing body. Representation of the teaching and non teaching staff and the students' union chairman in the college governing body ensures participation and their influence in several administrative decisions. As convenors and co coordinators of various clubs and committees, members of the faculty are provided with ample opportunities to make decisions in connection with the responsibility delegated to them. The heads of the departments effectively manage the administrative and academic responsibilities entrusted to them including fund utilisation. The elected students' representatives, under the faculty advisors, has leverage in the functioning and budgeting of activities such as organising talks, debates on relevant issues, talent hunts through arts fests, and the other programs. The parents also play a crucial role in providing valuable suggestions for the development of the college through the activities of the PTA. The administrative staff of the college facilitates processing of files and administrative support.

**6.2 Strategy Development and Deployment**

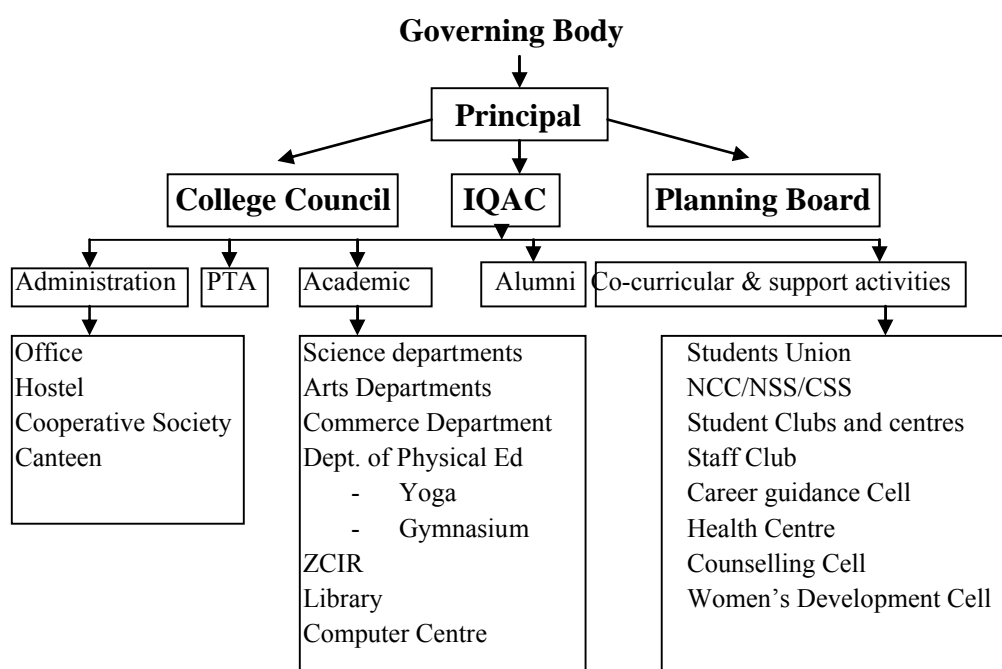
**6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

The IQAC conducts regular meetings with the heads of the Departments. Principal and Management and checks out policies at the commencement of each academic year. The IQAC co coordinator regularly meets the coordinators of different clubs and helps them to plan their activities. Regular PTA meeting are also conducted and received creative suggestions from the parents. The planning board which consisted of all heads of Departments also prepare plans for the overall development of the college and allocate funds as per requirement. The proposals of Planning Board are implemented by the college Council. At the beginning of each academic year the principal conducts meeting with the College council and discuss the requirement of each Department. The management also provides financial aid for the overall quality enhancement of the institution.

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

The institution has definite plans for its overall development. The College has applied for a heritage museum and a library complex to the UGC and waiting for favourable response. The institution also plans to provide better class room facilities to the students and convert the class rooms in to smart class, to develop IT facilities and its maintenance, facilities for disabled like ramp toilets etc., more facilities for SC, ST students, as there is a steady increase in the number of female students and the institution locates at the outskirts of the city hostel facilities for more students, better facilities for male students including boys hostel , promotion of sports and other cultural activities, Internet and Wifi connections accessible to the students, better governance, infrastructural facilities ,perfection in examination system, health insurance for students, systematic planning for waste disposal etc. The institution also applied for PG courses for Zoology, Physics and History and trying for a self defence course.

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



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

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

### Teaching and Learning

Special efforts are made to cater to diverse needs by identifying the differential requirements of the students and addressing them through inclusive practices. Advanced learners are provided with challenging learning experiences. They also help the slow learners. The institution prepares an academic calendar. We make use of interactive teaching methods, assignments, projects, seminars, Walk with a Scholar, Scholar Support Programme, and lecture by experts, workshops, and remedial measures to support and enhance the teaching learning process. Teaching plans, interactive sessions, continues evaluation through various methods, Timely conduct of examinations and feedback from students through tutorial and PTA sessions are part of our quality ensuring initiatives. We have a very efficient tutorial system which takes care of the academic and personal needs of the students. The institution also trains the students to utilise the existing resources of the college. Students are encouraged to extract information from web resources and journals. Sessions with experts from outside also provide students with the opportunity to stimulate interest in new areas of their subjects. The various clubs and centres provides multifarious learning opportunities outside the syllabus. The management is keen to recruit meritorious teachers and grants leave for research oriented FDP and training programmes. The College also try to upgrade the PG Courses with permanent affiliation

### Research & Development

Our Research Organisation (ZCIR) promotes research activities and has published a journal "ACTA ZAMORINI". It also helps the faculty in resource generation and literature review. The Research centres constructed exclusively for the purpose of research. 11 of the faculty are Board of Studies members. Dr. N.E.Rajeevan has done considerable research in collaboration with BARC-UGC-DIE consortium for scientific studies. Faculty of the Department of Botany work in collaboration with the Botanical garden Calicut and KSCSTE.

### Community Engagement

Community oriented extension programmes are encouraged through NSS, NCC and Pain and Palliative. Palliative care unit gives training to the students in palliative care. They assisted in organising " Vayojana Vandhanam" a programme organised by corporation of Calicut and social welfare department to honour aged people on world old age day. Ten awareness programs were organised by the unit. The Palliative Trauma Care Centre of the college has undertaken ten homecare projects. They supplied medicines, homecare and mental support for the suffering, under the guidance of Kinasseri Palliative Unit. They have also undertaken the project for constructing a toilet for a resident close to the campus.

The volunteers of Palliative Care conducted a handicraft exhibition titled 'Petals' to exhibit and sell products made by inmates of the Institute of Palliative Medicine. The student members of the college joined hands with other colleges to collect funds for the welfare of cancer patients. Six students participated in a job orientation camp conducted by 'Footprints' to help those who are bedridden by spinal Cord damage.

Special training is given home care projects. Regular exhibition by Food Prints (Unit that markets products made by terminally ill patients) is conducted in the college.

The NSS volunteers conducted a survey ‘ Abhayam’ in collaboration with the social welfare department. The survey was intended to study success rate of disbursement of govt grants to the deprived sections in Kinnassery which lies close to the campus

The NSS organize medical camp, blood group detections camps, sensitisation classes on plastic waste management organic farming etc. for the people in the neighbourhood.

The NSS volunteers of the college helped in the construction of house of a canteen worker Radha.They have also conducted “ORU POTHICHORU PROGRAMME” at Children and ladies hospital Kozhikode and collected “ One Rupee One Day “ to provide food at hospitals. They also initiated a programme of giving toys to nearby students of Aganavadi

Environmental protection camp and cleaning program were organised by NSS units

- NSS students started a program “one day one rupee” to save money to help inmates of children’s home
- In collaboration with Saksharatha mission the NSS volunteers conducted literacy classes for the inmates of the mental hospital.

The Women’s Development Cell of the college has conducted a survey to assess the knowledge of employment schemes for women at Kunnamangalam Village.

The college promotes Cultural Interaction by organising programmes of other states in collaboration with SPIC MACAY and Folklore academy, Kannur.

#### Human Resource management

The College provides training programmes for teaching and non teaching staff. The staff club of our college promotes recreation facilities for teachers during off hours in the campus. The annual get together and special occasion gathering offer a platform for the staff members to interact, relax and exhibit their in-born creative talents. The principal of the College acts as the President of the staff club. Staff members elect the secretary, Joint Secretary and Executive members every year at the annual general meeting. Activities of the club includes arranging picnics with family members, annual sports events, promote cultural activities of students in the campus, farewell parties to retiring staff members etc.

#### Industry Interaction

The institution encourages the students to visit industries and conduct lectures by industry leaders make opportunities for better placement. ED Club members participated in the MSME Exhibition organised by the Department of Industries and commerce, Government of Kerala. A seminar and work experience was conducted and the students manufactured and marketed cost effective detergent powder. Innovative business projects were presented in the “India Innovation 2014” business projects presentation competition. The department of Zoology conducts industrial visit and field trip to apiculture farm to make students aware of bee keeping, honey extraction and processing.

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

The head of the institution collect feedback from various Departments through IQAC and reports the same to the management. Feedback is collected from parents through PTA meetings and the relevant information is shared with the top management. All relevant information is uploaded in the website at regular intervals.

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

The College management has given top most priority to the quality of its academic service. The management gives freedom to the principal to distribute the various functional parts to the faculty and other staff. Key positions are attributed to the senior teachers, who in turn organises, guides and executes the policies of the management through various organisations like IQAC, ZCIR etc. This democratic system creates a positive rapport between the management and staff and thereby increases the effectiveness and efficiency the institutional process.

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

A major decision taken by the Management council was to complete the construction of Research Centre and Ladies hostel. The Research Centre is complete and open for researchers and ladies hostel is ready for inauguration. Another point is to ensure more discipline in the campus and to a certain extent it has been achieved. The major achievements are listed below:

- Completion of the construction of Research Centre
- Renovation of Ladies Hostel
- Completion of construction of Co-operative Store
- Repair and maintenance of College Cafeteria and hostels
- Ensuring better discipline in the college campus
- Improving the security system of the college.

**6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?**

Yes, The affiliated University makes a provision for according the status of autonomy to an affiliated institution.

The institution encourages the academic and research activities of the students as well as teachers to rise towards excellence. The college strives to get NAAC accreditation with a higher grade.

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

The Institution has a mechanism to ensure that the grievances / complaints of both staff and students are resolved effectively. The Grievance Redressal Cell attends to complaints from both staff as well as students. The Grievance Redressal Cell, constituted at the department level, solves most of the issues and only the complaints of more serious nature are taken up at the central cell. All the problems are discussed in the College council and the council constitutes a special committee which is empowered to conduct an enquiry for each case. After completing the enquiry, the special committee prepares a report incorporating the findings and submit same to the Principal. The college Council, after due deliberation, recommends suitable action. Serious issues are reported to the management. PTA meetings are conducted by the Departments and IQAC and take care of the complaints of the students and try to resolve it with help of the principal and Management.

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

There are no court cases filed by or against the college.

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

Regular Tutorial and PTA are conducted by the Departments and IQAC. Feedback from the parents and students are consolidated by IQAC and directly reported to the principal. All the problems are discussed in the College council and the council constitutes a special committee which is empowered to conduct an enquiry for each case. After completing the enquiry, the special committee prepares a report incorporating the findings and submits the same to the Principal. The college Council, after due deliberation, recommends suitable action. Serious issues are reported to the management.

### **6.3 Faculty Empowerment Strategies**

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

The College provides training programmes for teaching and non teaching staff. The College management has given top most priority to the quality of its academic service. The management and Principal encourage the teachers to avail FDP for securing higher degree and to attend Refresher and Orientation Programmes. IQAC has also provided training to the

faculty. The IQAC has also conducted institution level seminars for teachers, Non-teaching and administrative staff and students. They are on topics like:

- Acquiring API Scores & Submitting PABS based proposal under CAS ( UGC Scheme 2006-2016)
- “Service Rules and Regulations with special emphasis on RTI Act and Rules 2005
- General informatics, competence effectiveness, Current Trends in Literature

ICT training is provided to the faculty by the IT centre of the college on a need basis.

### **6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

The management is keen on motivating and empowering the faculty through various training programmes. ICT training is provided to the faculty by the IT centre of the College on need basis. The members of the staff are encouraged to participate in seminars and workshops outside the college. The management encourages participation of faculty members to avail FDP for securing higher degree and to attend Refresher and Orientation Programmes. Key positions are attributed to the senior teachers, who in turn organises, guides and executes the policies of the management through various organisations like IQAC, ZCIR etc. Regular CCSS meetings are conducted.

Inter –departmental knowledge sharing occurs through talks conducted frequently across disciplines where there is an overlap in syllabi. Effective knowledge sharing occurs also through informal interaction. Seminars and workshops (Inter –disciplinary and multi – disciplinary) supplement knowledge production and dissemination. Infrastructural facility (Seminar hall, LCD, Projectors etc) necessary for the conduct of the seminars/workshops are provided to departments.

### **6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.**

The self assessment proforma and supporting documents are compiled for API scores. The various activities of the teachers like teaching, research, and extension are considered for appraisal.

### **6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?**

The IQAC and college council review the performance appraisal reports and report to the management. On this basis the management takes measures to rectify the problems found. The major decisions are as follows:

- To start collaboration with more institutions

- To upgrade more PG departments into Research centres
- To diversify the extension activities by involving community service
- To sign more MoUs with institutes
- To start consultancy services which would generate income for the institution

These decisions are communicated to the stakeholders through meetings conducted at various levels.

### **6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

All the staffs have insurance coverage (SLI, GIS). The staff co operative society provides liberal financial assistance at concessional rates. During festival seasons the society collaborates with other establishments to provide consumer goods on hire- purchase scheme. Along with this financial help is provided by way of loan. It also provides grocery and stationary items to the students and staff. The extension counter of Punjab National Bank functioning in the campus facilitates financial services to the staff and students. NSS integrates campus with the larger community and NCC provides military training .The College cafeteria provides food on concessional basis. Almost 100% of the staff avail the benefit of such schemes.

### **6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?**

The institution provides a work culture that is conducive to the retention of the faculty. The management encourages research activities in the campus. Remission of work is permitted to present papers at seminars. The management encourages the participation of faculty members in refresher courses and training programmes and also to avail Faculty development Programme for Research. Training sessions are conducted to update the knowledge level. Upgrading PG Departments into research centres aid in retaining eminent faculty.

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

### **6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?**

The UGC Cell acts as mediator to gain more funds for the institution from various sources. The Cell also ensures the timely utilization of the funds obtained. It is the responsibility of the UGC Cell to see that the utilization certificate is sent properly to the funding authorities. The Planning board and the UGC Cell allocate funds to various departments as per requirement. The Heads of Departments have the responsibility of utilizing the funds for the purpose mentioned and for submitting the certificate of utilization. The various Clubs and

Cells are provided with funds for smooth conduct of their programs. They are also responsible for submission of audited account statements at the end of every year.

**6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.**

The income and expenditure incurred by the management and PTA is subject to internal audit procedure. The process of audit is done by qualified Chartered Accountants. Academic audit is done internally by CUCBSS committee and the College Council. External audit is conducted by the audit wing of The Deputy Director, Collegiate Education, Calicut and Govt of Kerala under whose jurisdiction the college is functioning. Apart from this the Central Audit Department, Government of India also audits the college accounts periodically.

**6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.**

The institution receives grants in the following forms:

- Grants for the disbursement of salary to teaching and non teaching staff
- Grants from UGC various minor and major projects
- Grants from the govt for the disbursement of stipend / scholarship to SC/ST/OBC categories students.
- Fund from management, PTA, and Old Students' Association.

The audited income and expenditure statement is enclosed.

**6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).**

The faculty members are promoted to apply for Minor and Major Projects aided by UGC. College also channelize the resources of PTA and Alumina and strive to get a higher grade from NAAC so as to bring more funds. Various clubs of the College like Tourism club, Folklore club, Boomithrasena etc have ties with Government institutions and receive funds. These funds are utilised to conduct seminars and workshops in the College.

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

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

- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

**b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?**

**c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

**d. How do students and alumni contribute to the effective functioning of the IQAC?**

**e. How does the IQAC communicate and engage staff from different constituents of the institution?**

- a) The institution established Internal Quality Assurance Cell (IQAC) in the year 2004. From there onwards the steering committee was keen on encouraging professionalism and technology based documentation of the institutions activities and achievements. The IQAC supervises the activities of the institution.
- b) The IQAC conducts regular meetings with the Heads of departments. The decisions are communicated to the management. The IQAC conducted a 13 days long PTA Meeting to get the feedback and the decisions were submitted in print format to the Management. The management always graciously favours the institution in all its positive ventures. The Research Block is a monument of the greatness of the Management. Almost all the suggestions made by IQAC receive patient listening and implementation.
- c) The IQAC has external members on its Committee. All the external members are either old students or retired staff members. Their good will and support is an inspiration for the institution.
- d) The students cooperate in the smooth functioning of the College. They are aware of the need to enhance the quality of the institution through their progress. The Alumni supports the IQAC through their valuable suggestions and external networking.
- e) The IQAC conducts formal and informal meetings with different constituents of the institution, receives the grievances and reports to the principal and management for redressal. Welfare programs and orientation classes are provided.

**6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalisation.**

There is an integrated framework for Quality Assurance which begins at the tutorial level. The tutorial proceedings are evaluated by the Departments and presented to the IQAC and the College Council. The College Council and the IQAC monitors the Quality enhancement activities of the College through timely interaction with the other functional bodies.

**6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.**

Training is given by IQAC to the faculty as well as Non teaching staff. The class on API score was intended to ease the apprehension and tension of the young faculty. Their uncertainty was cleared to a certain extent. The class on Right to Information act given to the Non teaching staff increased their awareness about their responsibility. More training regarding the possibilities of Technology based office administration is to be provided to all office staff for better governance.

**6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If ‘yes’, how are the outcomes used to improve the institutional activities?**

The internal academic audit is done by college council and the external audit is conducted by the DDE Calicut.

**6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?**

The IQAC insists that the quality of the institution is to be maintained according to the requirement of the UGC .The principal and management makes plan according to the rules and regulations of the UGC, the University and the State government. The requirements are met through proper functioning of the institution and reported to RUSA, an organisation of higher education, kerala state, NAAC, UGC and AISHE of Ministry of Human Resource Development, Govt of India and CDC, University of Calicut. The suggestions are followed for the betterment of the college.

**6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**

The IQAC led by the Principal is one body that reviews teaching learning process. The composition of IQAC is as follows

Principal	1
Co-Ordinator	1
Faculty	4
Administrative / Technical Staff	3
Students	1
Alumni	5
Community Representative	5
External experts	4
Total	24

## IQAC

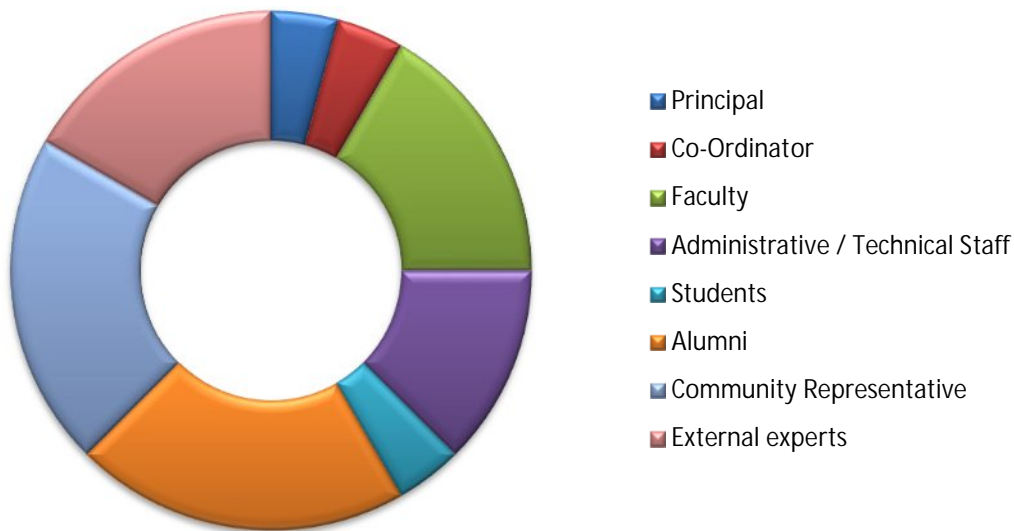


Figure 9: Composition of IQAC

For regular functioning, the IQAC, with Teaching and Non Teaching faculty and the Principal functions as an executive committee.

The IQAC conducts regular meetings with staff and stake holders. The record of the meeting is maintained properly. The suggestions and decisions are noted down. These are communicated to the authority concerned without fail. The college council with the Principal as Head and the Heads of the departments and elective faculty as members monitors and reviews the effectiveness of teaching learning process. The CUCBCSS committee also conducts reviews and reports to the principal on time.

### **6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

The institution communicates the quality assurance accepts to stake holders first through tutorial sessions. Then the departments meetings are held to evaluate the outcome. It is communicated to the principal who uploads the information in the college website. Reports are also sent to the management and governing body. Reports in prescribed format are submitted to the College Development Council, University of Calicut, RUSA Higher Education Department Kerala, NAAC of UGC and AISHE of the Human Resource Department of the central Government.

**Any other relevant information regarding Governance Leadership and Management which the college would like to include.**

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

### **7.1 Environment Consciousness**

#### **7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?**

Yes. The College is situated on top of the Krishnagiri Hill and is located 9kms east of Calicut Railway Station. It is a green campus endowed with thick vegetation spread over 92 acres. The environmental setting is ideal for academic activities and creative thinking. To maintain this strategic advantage, campus beautification and maintenance are done in such a way that the natural beauty of the college remains untouched.

The alumni association of the college offers support in matters relating to maintaining the greenery and have sponsored the planting and maintenance of a medicinal garden which is presently maintained by the Department of Mathematics.

The Nature club has planted 250 saplings in the college and the practice is followed every year during Nature Day celebrations.

Any developmental activity undertaken in the campus is ensured as sustainable. The college has a register which contains the details of the names of the trees in the campus. The college is a plastic free campus and even the sale of chocolates and edibles packaged in plastic is strictly banned inside the campus. The Bhoomithrasena club organises various activities including eco-sensitising programs in the college. The campus promotes rain water harvesting and solid waste management. A bio-gas plant has been installed near the canteen and the hostel respectively.

#### **7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?**

- \* **Energy conservation**
- \* **Use of renewable energy**
- \* **Water harvesting**
- \* **Check dam construction**
- \* **Efforts for Carbon neutrality**
- \* **Plantation**
- \* **Hazardous waste management**
- \* **e-waste management**

- The Nature Club and Bhoomithrasena club organise various activities including eco-sensitising programs.
- Plastic free campus.
- Saplings are planted each year
- A well kept medicinal garden is maintained in the campus
- Two of our open-air stages are in perfect harmony with the environment.

- Incinerators are installed near ladies' toilets to ensure proper disposal of sanitary napkins.
- Bio-gas plant has been installed.
- The buildings are all environmental friendly. Even the more recent constructions maintain the eco-friendly status.
- Only paper cups and plates are allowed on the campus. Garbage bins have been strategically placed to help in keeping the campus clean.
- World Environment Day is celebrated on June 5<sup>th</sup> every year by planting trees. Competitions, exhibitions and lecture sessions are held to sensitise students about the need for environmental conservation

#### Energy conservation:

Most of the classrooms are fitted with LED lamps. To prevent energy wastage, most of the buildings are fitted with a centrally controlled system.

There is a proposal to install a solar energy unit in the campus.

#### Use of renewable energy:

Two units of bio-gas have been installed in the campus.

#### Water harvesting:

There are two water harvesting unit in the college connected to the PG block and the Science block.

#### Efforts for Carbon neutrality:

The college has a large number of trees in its 92 acre campus and each year more and more saplings are planted. The vehicles of both the students as well as the teachers are not allowed inside the campus.

#### Plantation

The natural ambience of the college speaks volumes about the plantation processes of the past. There are a wide variety of trees in the campus which are recorded in the tree register. Planting trees is a major way of celebration in the college. World Environment Day is celebrated every year by planting saplings in the campus.

#### Hazardous waste management:

The college is a plastic free zone and the use of plastics is minimal. Hazardous wastes from the laboratories are disposed effectively without creating environmental damage. Deep pits are dug to dispose neutralised chemical solutions from laboratories.

Flex boards are banned inside the campus and eco friendly Palm leaves and clothes are used as options. Banners made using palm leaves and cloth are used instead of flex banners.

E waste management:

Computers that needed repair were collected from the Departments, reusable parts separated, and used in other computers. Remaining e-waste was sold through dealers and the amount thus received was utilized for the Computer Hub in the Research Centre.

## **7.2 Innovations**

### **7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.**

Academic quality describes how well the learning opportunities available to students help them to achieve merit. It is about making sure that appropriate and effective teaching, support, assessment and learning opportunities are provided to help them face the challenges of a globalised world. The college holds up the vision that the education imparted to the student is never complete without instilling in them a sense of responsibility and empowerment. The mechanisms developed by the institution for quality improvement are the following:

- Community service through NSS, NCC, Palliative Care and CSS. NSS has two units in the college.
- Various clubs that support the overall development of the student.
- Setting up of various cells to solve the problems faced by the students and to help them achieve greater heights.
- Internal assessment made meticulous and transparent. Undergraduates who join the college are given an orientation on the very first day regarding the significance of internal assessment.
- Attendance monitoring made strict. Students with shortage of attendance are informed about it at the end of each month.
- Collection of feedback during each semester for all the programs.
- Career Guidance Cell to develop the soft skills of the students and help them get placements.
- Democratic system of college union election for leadership training and development. The college union conducts various programs in the college including Fine Arts Day and the College Day.
- Frequent PTA meetings have resulted in a more disciplined atmosphere in the college. Separate meetings are convened by the departments and the IQAC.
- Student interest in research activities are encouraged through the conduct of seminars and workshops. Students are also encouraged to participate in paper presentation competitions.
- Various camps are organised in the college as part of preparation for cultural events. The Theatre rehearsal camps offer a new experience to students as they are trained by professionals in the field.

- Upgradation of two departments (Economics and Botany) to research centres. Upgradation of three other (English, Malayalam and Chemistry) on the anvil.
- The museum maintained by the Department of Zoology has some rare exhibits. The students of the college benefit greatly from this museum. The Department also supports other institutions by holding exhibitions of the museum exhibits( exhibitions were conducted at Govt.School, Azchavattom, Thiruvannur LP School, Pokkunnu Govt. Ganapath School and Kinassery School)
- Use of ICT and CAL made imperative in the teaching-learning process.
- Coaching program for different age groups, in different sports, summer camps in football, basket ball and cricket were carried out by the Physical Education Department.
- Tissue culture Laboratory of the Department of Botany started functioning.
- The Department of Sociology in collaboration with Child Line, an NGO for the protection of child rights formed a volunteer group.
- Students of the Department of Mathematics organized a two-day workshop for schoolchildren
- A international Film Fest was organised by the college union with a special focus on the deprived classes. The open forums at the end of each session, was a novel experience for the students.
- Female students were given training in Tae Kwon do and were encouraged to participate in competitions.
- Scholarships are instituted and competitions are conducted to motivate creative capacity building and academic excellence.
- The Health Centre provides knowledge and services in the field of health. The yoga centre imparts yoga training to the staff and students.
- The activities of the ED Club are directed towards developing the entrepreneurial skills of the students.
- The IQAC acts in an advisory capacity to facilitate quality
- Entry level tests are conducted for first semester UG students and their progression is recorded and received periodically.
- Personality development of the students is targeted through the activities of the clubs, sports, yoga, tutorial sessions, counselling etc.
- The NSS volunteers conducted a survey “ABHAYAM” in collaboration with the social welfare departments. The programme was initiated by Dr.M.K.Muneer and was intended to study the success rate of disbursal of Government Grants to the deprived sections in Kinassery which lies close to the campus
- The folklore club of the college conducted a North-East cultural exchange program with the help of Rajiv Gandhi Institute of Youth Development, Nehru Yuva Kendra, Kerala Folklore Academy, NSS and NCC units. Delegates from Assam, Sikkim, Nagaland, Tripura, Manipur, and Kerala presented various cultural programs.

## 7.3 Best Practices

**7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.**

### BEST PRACTICES

1. Title Of the practice: Midday Meal Scheme
2. Goal:

The college endeavours to create equal opportunities for students coming from all sections of the society. There are many Students coming from extremely backward social and economic areas and to support them and prevent them from dropping out, the midday scheme was introduced

3. The context

The aim of the college is to work for social equality and create a campus where no student is deprived of the basic necessity of life. The college believes that no opportunity for betterment should be denied to the student just because he/she comes from a deprived family. The midday meal scheme started in this context and has been continuing for more than ten years.

4. The Practice:

- Students from economically and socially backward groups are identified at the time of admission itself. The profile collected at the time of the interview gives an idea about the economic and the social status of the students even without revealing it
- The tutors prepare a list of deserving students and this is approved by the head of the department
- The list is handed over to the PTA
- Midday meal coupons are handed over to the students through the tutors
- An arrangement is made with the canteen authorities where in the students can take the meal from the canteen premises without any payment from their side
- There is a strict monitoring system to see whether there is any misuse of coupons in the system

5. Evidence of success:

The scheme has been going on for more than ten years and has been responsible for the falling dropout rates. Earlier there were instances of students keeping away from the campus as they have to take up work along with their studies. Along with the midday scheme the students were sensitized about the importance of attendance and internal assessment. This has resulted in fewer students taking up work during the week days. About one hundred students benefit annually from this scheme

## 6. Problems encountered and resources required

The scheme has been a huge success and has not encountered any problems to date. More students would benefit if the PTA allows more fund towards this scheme.

## BEST PRACTICE II

### 1. Title Of the practice: Caring for the community

### 2. Goal:

The college believes that the real education involves holistic approach. The students in addition to attending class and scoring marks should also develop a sense of the responsibility towards society. Most of our outreach programme focus on the community service

### 3. The context

The college is situated in the outskirts of the city. There are many socially and economically deprived families residing in the immediate neighbourhood of the campus. The NSS, CSS, Palliative Care and the extension activities of the various departments adopt them as the target group.

### 4. The Practice

- The NSS and the Palliative Care chart out the programmes for each academic year
- Care is taken to identify target groups in the immediate vicinity
- The NSS organize medical camp, blood group detections camps, sensitisation classes on plastic waste management organic farming etc. for the people in the neighbourhood.
- In collaboration with the Social welfare department the NSS volunteers organised a camp “ABHAYAM” to study the success rate of disbursement of government grants like widow pension, Old age pension etc.
- Environmental protection camp and cleaning program were organised by NSS units
- NSS students started a program “one day one rupee” to save money to help inmates of children’s home
- In collaboration with Saksharatha mission the NSS volunteers conducted literacy classes for the inmates of the mental hospital.
- As part of the CSS programme students donate blood
- Palliative care unit gives training to the students in palliative care. They assisted in organising “Vayojana Vandhanam” a programme organised by corporation of Calicut and social welfare department to honour aged people on world old age day. Ten awareness program were organised by the unit.

- Special training is given home care projects. Regular exhibition by Food Prints (Unit that markets products made by terminally ill patients) is conducted in the college
- Forty-three students attended the Homecare Training of IPM. The unit of college has undertaken ten Homecare projects. They supplied medicines, homecare and mental support to many families in the neighbourhood. They have also undertaken the project for constructing a toilet for Sri Mohanan who lives in the immediate vicinity of the college. The fund was raised from the campus itself.

#### 5. Evidence of Success

Two of our NSS volunteers, Jaseem Lal and Vishnu Sreejith received “Sadhguna Award”. In 2010-2011 our college NSS unit under the leadership of Sri Rajan Malayil, Smt. Mayadevi Thampatty, and Smt. P. Usha received the Life Saver Award instituted by the Kerala State Aids Control Society on World Blood Donor Day. Kum. Saranya.P.S, Kum. Surabhi T P, and Kum. Neetha S was specially honoured for their repeated donation of blood. In 2011-12, Kum. Saranya of BA History won the State NSS Award. Mr.Unnikrishnan, Mr. Arun.K, Mr. Devadas K.C, Mr. Vishnu Prasad, and Kum. Neetha.S received Blood Donor Awards in 2011-12. Mr.Vipin K. won the Inter Collegiate Elocution competition at St.Joseph College Devagiri. In2013, Kum. Neetha.S was honoured by the State as the “Best Volunteer”. Kum.Saranya and S.Raj participated in the 63 R.D. Parade at Red Fort, Delhi on January 26, 2013.

#### 6. Problems encountered and resources required:

Students involved in Homecare activities found it difficult to reach the concerned houses which were in isolated places. It might be a positive venture for the institution to have a vehicle to take the students to their destinations and back home.

## **Evaluative Report of the Departments**

### **P G Department of English**

The Department of English was established in the year 1982 and the course offered was BA English. MA English course started in 1995. English is taught under the common course programme at the UG Level. The Department also offers an open course in *Film Studies* which is open to students of other departments. Students from the department choose various subjects offered by other departments under the Open course. The application for upgrading the department to Research Centre has been submitted and is being processed by the University. The visiting faculty to the department were Dr.P.P.Raveendran, Ratheesh Radhakrishnan, Dr. S. Nagesh, Prof. Ummer Farook, Sri. Premanand, and Sri. T. Muraleedharan. About 30% of the U G classes were handled by Guest Faculty. The Student Teacher ratio is 104:1 at the U G level and 20:1 at the P G level. Three members have ongoing projects offered by the U G C. One faculty member was relieved to join the FDP in 2010. Three members were part of the boards of studies ( one of English and two of functional

English respectively). One faculty is member of editorial board. Smt. Arya Gopi received the *Vyloppilli Award* by the Government of Kerala, and the *Yuva Puraskar Award* for her contribution to literature. A two day National Seminar on *Comprehending Films* was conducted by the Department. 33.3% of the UG and 50% of the PG students undertake in-house projects. The faculty actively supports the institution in various ways by taking up administrative responsibilities like admission, discipline, anti-ragging cell, planning board, IQAC etc. The faculty also conducts ASAP and such other programmes to promote communicative skills in students of the college as well as the neighbouring schools. They have contributed to the University system by being members and chairpersons for conduct of examinations, evaluation of papers, setting of question papers, conducting Viva-Voce and being members of various official bodies supporting curriculum. Most of the faculty have published valuable papers in peer reviewed journals, publications with ISBN/ISSN and regional publications.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
	R.Sudhakumari	MA,MPhil	Associate professor (Retired in 2015)	English Literature
	M.E.Sobha	MA,MPhil	Associate professor	Canadian Literature
	Dr.Anitha Ramesh.K	MA,MPhil, Ph.D	Associate professor	English Literature
	Dr. Prabha.P.K	MA( English, Malayalam,& Linguistics), Ph.D (Canadian Literature),Ongoing Ph.d in Linguistics	Associate professor	Canadian Literature
	Dr.Pushpa Mohandas	MA,MPhil, Ph.D	Associate professor (Retired in 2012)	English Literature

<b>2010-2015</b>	Dr.Rajani.B	MA, Ph.D	Associate professor	Canadian Literature
	Dr.Binu.P.S	MA, B.Ed, Ph.D	Associate professor	Canadian Literature
	Sheela Nair.M	M A	Associate professor	English Literature
	K.Rekha	MA, B.Ed, MPhil	Assistant Professor	English Literature
	P.C.Gangadevi	MA, B.Ed	Assistant Professor	English Literature
	Arya Gopi	M A	Assistant Professor	
	Prudha.S.Raja	M A	Assistant Professor (Joined in 2015)	
	Anargha.K	M A	Assistant Professor (Joined in 2015)	

### Teaching Posts

<b>Year</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>
<b>2010-11</b>	Professors	N/A	N/A
	Associate Professors	9	9
	Assistant Professors	3	3
<b>2011-12</b>	Professors	N/A	N/A
	Associate Professors	9	9
	Assistant Professors	3	3
<b>2012-13</b>	Professors	N/A	N/A
	Associate Professors	10	10
	Assistant Professors	2	2
<b>2013-14</b>	Professors	N/A	N/A
	Associate Professors	9	9
	Assistant Professors	3	3
<b>2014-15</b>	Professors	N/A	N/A
	Associate Professors	9	9
	Assistant Professors	3	2

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	BA English	1200	40	11	29	83
	MA English	252	20	2	18	78
2011-12	BA English	1186	40	15	25	89
	MA English	279	20	0	20	100
2012-13	BA English	online	40	13	27	89
	MA English	-do-	20	4	16	100
2013-14	BA English	-do-	40	12	28	91
	MA English	-do-	20	5	15	100
2014-15	BA English	-do-	40	14	26	89
	MA English	-do-	20	5	15	100

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	BA English	97.5	2.5	NIL
	MA English	95	5	NIL
2011-12	BA English	97.5	2.5	NIL
	MA English	95	5	NIL
2012-13	BA English	97.5	2.5	NIL
	MA English	95	5	NIL
2013-14	BA English	97.5	2.5	NIL
	MA English	95	5	NIL
2014-15	BA English	97.5	2.5	NIL
	MA English	95	5	NIL

**Department of Hindi**

The Department of Hindi started functioning in the year 1952. The department started a course in BA Hindi in 1970, but this was discontinued in 1974 when the BA Hindi/History double main was introduced. Hindi is also taught under the common course programme. The programme supported by the department under the open course scheme is *Spoken Hindi*. An Add-on Course affiliated to the University of Calicut titled *Translation and Journalism in Hindi* was also conducted by the department. It was handled by a guest Faculty. The student-teacher ratio is 50:1. All the posts are held by permanent staff. Three faculty members have MA,M.Phil, PGDT qualification with one member holding Doctoral Degree. One faculty member has also undertaken a Minor Research project funded by the UGC. The total fund granted is 140000/- . The faculty has published 6 articles in regional research journals. 47 percent of the students undertake in-house projects for the completion of their course. Dr.Meera.P.I, was awarded the Young *Translators Award* by Bhasha Samanwayavedi . The department conducted a national seminar. The members support the administration by holding responsibilities like admission, discipline, anti-ragging cell, planning board etc. They also help the university by functioning members and chairpersons for conduct of examinations, and evaluation of papers.

#### Faculty Profile

Year	Name	Qualification	Designation	Specialization
2010-2015	K.G.Vanaja	MA, MPhil, PGDT	Associate Professor	Bhakti Literature
	K.T.Santhoshkumar	MA, MPhil, PGDT	Associate Professor	Translation Studies
	Dr.Meera.P.I	MA, MPhil, PGDT	Assistant Professor	Fiction

#### Teaching Posts

Year	Designation	Sanctioned	Filled
2010-11	Professors	NIL	NIL
	Associate Professors	2	2
	Assistant Professors	1	1
	Professors	NIL	NIL
	Associate Professors	2	2

<b>2011-12</b>	Assistant Professors	1	1
<b>2012-13</b>	Professors	NIL	NIL
	Associate Professors	2	2
	Assistant Professors	1	1
<b>2013-14</b>	Professors	NIL	NIL
	Associate Professors	2	2
	Assistant Professors	1	1
<b>2014-15</b>	Professors	NIL	NIL
	Associate Professors	2	2
	Assistant Professors	1	1

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
<b>2010-11</b>	UG	710	29	17	12	60
<b>2011-12</b>	UG	930	29	15	14	68
<b>2012-13</b>	UG	Online	59	34	25	50
<b>2013-14</b>	UG	-do-	56	22	34	78
<b>2014-15</b>	UG	-do-	36	25	11	58

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
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<b>2010-11</b>	UG	100	NIL	Nil
<b>2011-12</b>	UG	100	NIL	NIL
<b>2012-13</b>	UG	100	NIL	NIL
<b>2013-14</b>	UG	100	NIL	NIL
<b>2014-15</b>	UG	100	NIL	NIL

### **P G Department of Malayalam**

The Department of Malayalam started its UG Course in BA Malayalam/Sociology in the year 1968. The PG programme in Malayalam began in the year 1998. The subject is also taught under the common course programme. Under the open course scheme, a course in Film Studies is offered by the Department. Four members of staff have submitted Minor Research projects funded by UGC. One member of the faculty has also submitted research projects funded by Kerala Sahithya Academy. Two members of faculty have functioned as part of Board of Studies. The department has also conducted two seminars during the period 2010-2015. The teachers of the department have published 10 articles with ISBN rating and one article in peer reviewed research journal. 33 percent of the students have done in-house projects for the completion of their course. The student- teacher ratio is 45:3 for the UG programme and 20:4 for the PG programme up to 2011-12 and 60:3 at UG and 20:4 at PG from 2012-13 onwards. The department has conducted 1 national seminar on “Comprehending Films” in association with the Department of English and an international seminar on Folklore. Shri. Arjun. M., student of BA Malayalam/ sociology programme is an international chess champion. 3 students have secured JRF and 5 students have qualified in

the NET examinations. The eminent visiting faculty are Prof. KP Sankaran, Dr. Chathanath Achuthan unni, Shri C Radhakrishnan, Dr Raghavan Payyanad, Shri KP Ramanunni, Dr KM Bharatan, Dr KM Anil, Shri V Swaminathan, Dr KM Sherif, Prof K Narayanan, and Shri. Veerankutty. Sri Sreesailam Unnikrishnan has been nominated to the Review Committee of the Central Institute of Indian Languages. The faculty actively supports the institution in various ways by taking up administrative responsibilities like admission, discipline, anti-ragging cell, planning board, etc... They have contributed to the University system by being members and chairpersons for conduct of examinations, evaluation of papers, setting of question papers, conducting Viva-Voce and being members of various official bodies supporting curriculum. About 13.44% of the UG and 5.88% of the PG classes were handled by guest lecturers. Eight students qualified NET out of which three qualified for JRF.

#### Faculty Profile

Year	Name	Qualification	Designation	Specialization
<b>2010-15</b>	P.C.Thankamani Tampatty	MA, B. Ed, M. Phil	Associate professor (Retired in 2013)	Ancient and medieval literature
	Dr. P. Usha	MA(Malayalam& English),B. Ed, Ph. D	Assistant Professor	Ancient and medieval literature
	S. Unnikrishnan	MA,B. Ed	Assistant Professor	Modern Literature
	Dr.Sreeranjini. G	MA, B. Ed, M. Phil, Ph. D	Assistant Professor	Modern Literature
	Radhakrishnan.E	MA, B. Ed	Assistant Professor ( resigned in 2013)	Modern Literature
	Suneetha.T.V	MA,B. Ed(awarded Ph. D in2014-15)	Assistant Professor	Cyber Malayalam
	Dr. Kavitha Raman(Joined in 2011-12)	MA, B. Ed, Ph. D	Assistant Professor (resigned in 2015)	Medieval Literature
	Ramiladevi.	MA, B. Ed	Assistant Professor	Modern

P.R.(Joined in2013-14)			Literature
Aparna.T(Joined in 2014-15)	MA, B. Ed, M. Phil	Assistant Professor	Ancient Literature

### Teaching Posts

Year	Designation	Sanctioned	Filled
<b>2010-11</b>	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	5	5
<b>2011-12</b>	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	5	5
<b>2012-13</b>	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	5	5
<b>2013-14</b>	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	6	6
<b>2014-15</b>	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	6	6

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	UG	218	45	15	30	82
	PG	105	19	4	15	94
2011-12	UG	197	60	18	41	90
	PG	98	20	1	19	100
2012-13	UG	Online	60	23	37	90
	PG	-do-	20	4	16	100
2013-14	UG	-do-	60	24	36	78
	PG	-do-	20	5	15	94
2014-15	UG	-do-	60	25	35	89
	PG	-do-	13	5	8	100

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	UG	98	2	Nil
	PG	100	Nil	Nil
2011-12	UG	98	2	Nil
	PG	95	5	Nil
2012-13	UG	98	2	Nil
	PG	95	5	Nil
2013-14	UG	98	2	Nil
	PG	95	5	Nil
2014-15	UG	98	2	Nil
	PG	100	Nil	Nil

**Department of Sanskrit**

The Department of Sanskrit (also known as *Krishnageethi Centre for Sanskrit Studies and Research*) was established in the year 1877. The department offers common course programme at the UG level and Complementary course at the PG level. The department also had an add-on course in *Communicative Sanskrit* during the period 2007-2012. The department has a sanctioned strength of one Associate Professor. However with the introduction of Sanskrit as a second language in the commerce stream (B.COM & BBA) a Guest Faculty has been appointed. The Student- teacher ratio is 20:1. The single permanent teaching faculty holds a Ph. D degree. He is also a Ph. D guide in Sanskrit at the University of Calicut. He has authored two books and has edited a number of books. He has published 2 papers in national journals and a number of papers in peer-reviewed journals. He has published 2 works in International Database. He is the member of the research board of advisers at the American Biographical Institute, New York. He is also the president, Arshaprakasm Prasadheekarana Samithi, publishers of scientific research books. He is doing his second Ph.D in Education.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
2010-15	Dr. C. Sreekumaran	MA, MSc.,M.Ed,M.Phil, Ph.D,D.N.H	Associate Professor	Sanskrit Special Sahithya

One guest faculty was appointed on introduction of I B. Com and later I BBA for taking II language in I &II Semesters. The department only provides base support for other departments.

### Teaching Posts

Year	Designation	Sanctioned	Filled
2010-15	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	Nil	Nil

## Department of Political Science

The Department of Political Science was established in the year 1992. The department offers complementary courses for BA Economics and BA History. The department has a sanctioned strength of one Associate Professor and the faculty member functioned as a part of the panel for preparation of study material for the Distance Education stream, University of Calicut, since 2012. She is also a member of the panel of question papers setters, School of distance education, University of Calicut since 2012. The student- teacher ratio is 60:1. There are no in-house projects as the department only provides base support for other departments. The Department conducts seminars in collaboration with the department of History.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
2010-15	Tanuja Raghavan	MA,NET	Associate Professor	International Relations

The faculty actively supports the institution in various ways by taking up administrative responsibilities like admission, discipline, planning board, etc. She has contributed to the University system by being member for conduct of examinations, evaluation of papers and being member of various official bodies supporting curriculum

## Department of History

BA Hindi/History course began in the year 1974. BA History course was started in the year 1999. History is taught as a complementary course to BA English and BA Economics Students. The department also offers an open course in *Heritage Studies*. 22 senior visiting Faculty have addressed the students. There are 10 publications by faculty members. One

National seminar was organised by the department. From 2010 to 2012, 80% of the classes were handled by guest faculty. From 2012 to 2015, only 20% of the classes were handled by the guest faculty. 33.3% of the students undertake in-house projects for the completion of the course. Smt. A. Sreedevi became the Principal of the college from 2010 to 2013.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
2010-15	Dr.V.Vasanthi	MA, Ph. D	Associate Professor (Retired in 2013)	Modern Indian History
	K.Sreelatha	MA, B. Ed	Assistant Professor	-do-
	Saleena. K.K	MA,M. Phil	Assistant Professor	Medieval Indian History
	Praseetha.P	MA	Assistant Professor	Ancient Indian History
	Mayadevi.M	MA	Assistant Professor	Modern Indian History

### Teaching Posts

Year	Designation	Sanctioned	Filled
	Professors	Nil	Nil
	Associate Professors	Nil	Nil

2010-15	Assistant Professors	5	4
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### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	UG	825	60	15	45	67
2011-12	UG	963	60	11	49	64
2012-13	UG	Online	60	17	43	64
2014-15	UG	-do-	60	16	44	84

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	UG	98	2	Nil
2011-12	UG	98	2	Nil
2012-13	UG	98	2	Nil
2013-14	UG	98	2	Nil
2014-15	UG	98	2	Nil

### Department of Economics

The Department of Economics was established in the year 1952. The programmes offered by the department are BA Economics, MA Economics and Ph.D. in Economics. Economics is also offered as the subsidiary subject for BA History. Three members of the faculty have ongoing projects funded by the UGC and the total grant received was Rs.425000/-. Twenty

two articles have been published by the members of the faculty. Six articles have been published in peer review journals. The temporary faculty delivered twenty seven lecture hours for the UG classes in 2013-14 and 43 lecture hours in UG in 2014-15. The student teacher ratios for the BA programme are 26:1, and for the MA programme 6:1. The Department of Economics is a research centre recognised by the University of Calicut. 33.3 % of the UG students and 50% of PG students undertake in-house research projects. Three national seminars were conducted by the department utilizing funds from the UGC, Ministry of Parliamentary Affairs and the resources of the Department . They have contributed to the University system by being members and chairpersons for conduct of examinations, evaluation of papers, setting of question papers, conducting Viva-Voce and being members of various official bodies supporting curriculum. Most of the faculty have published valuable papers in peer reviewed journals, publications with ISBN/ISSN and regional publications

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
2010-15	P.V.Suvarnani	MA	Associate Professor (Retired in2011)	
	V. Shobha	MA	Associate Professor (Retired in2014)	
	Dr. N. Mohanadasan	MA, Ph. D	Associate Professor (Retired in2011)	
	Dr. P. Sivasankaran	MA, M. Phil, Ph.D	Associate Professor (Retired in 2015)	
	Dr. N. Radhakrishnan	MA, Ph. D	Associate Professor (Retired in 2012)	
	Vipin Chandran K.P	MA	Assistant Professor (resigned in 2013)	
	Dr.M.G.Mallika	MA,B. Ed, M. Phil, Ph .D	Assistant Professor	Gender & Labour Economics
	Anil Varma	MA, M.Phil	Assistant Professor	
	Dr.Remya Rajan.P	MA,B. Ed, M. Ed, Ph.D(Education) Ph. D (Economics)	Assistant Professor	

	being done )		
Anooja Chacko	MA	Assistant Professor	
Deepa. E	MA	Assistant Professor	
Jeni. B.S	MA	Assistant Professor	

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	UG	1122	60	11	49	92
	PG	324	20	5	15	85
2011-12	UG	1204	60	12	48	51
	PG	298	20	6	14	100
2012-13	UG	Online	60	11	49	73
	PG	-do-	20	4	16	100
2013-14	UG	-do-	60	13	47	61
	PG	-do-	20	5	15	100
2014-15	UG	-do-	60	14	46	73
	PG	-do-	20	6	14	100.

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	UG	100	Nil	Nil

	PG	100	Nil	Nil
<b>2011-12</b>	UG	100	Nil	Nil
	PG	100	Nil	Nil
<b>2012-13</b>	UG	100	Nil	Nil
	PG	100	Nil	Nil
<b>2013-14</b>	UG	100	Nil	Nil
	PG	100	Nil	Nil
<b>2014-15</b>	UG	100	Nil	Nil
	PG	100	Nil	Nil

## **Department of Commerce**

The Department of Commerce was established in the year 1957 with B.Com as the main course. M.Com Programme commenced in the year 1969. BBA programme was started in 2013. The department also offers an open course in Basic Accounting which is open to all students. Two members of the staff have ongoing projects funded by the UGC. There are 32 publications by the faculty members. 33 papers were published in peer reviewed journals. Four eminent personalities have functioned as visiting faculty. The student teacher ratio for the B.Com programme is 60:4; for BBA the ratio is 30:2 and for M.Com it is 20:4. 33.3% of UG students and 50% of PG students undertake in-house projects every year. One student has qualified in the NET examination and 9 students have qualified in various national level competitive examinations. The faculty actively supports the institution in various ways by taking up administrative responsibilities like admission, discipline, anti-ragging cell, planning board, etc... They have contributed to the University system by being members and chairpersons for conduct of examinations, evaluation of papers, setting of question papers, conducting Viva-Voce and being members of various official bodies supporting curriculum. Most of the faculty have published valuable papers in peer reviewed journals, publications with ISBN/ISSN and regional publications.

### Faculty Profile

Year	Name	Qualification	Designation	Specialisation
<b>2010-2015</b>	Prof.C. Nandakumaran	Mcom., LLB	Associate Professor (Retired in 2013)	Finance
	Dr. M.K Ramakrishnan	Mcom., Ph.D.	Associate Professor (Retired in 2015)	Finance
	DR.P.C Rethi Thampatty	M.com M.phil., Ph.D.	Associate Professor (Retired in 2015)	Finance
	DR. T.M Ravindran	M.com, Ph.D.	Associate Professor (Retired in 2011)	Finance
	Prof.Ramesan.P	M.com M.phil	Associate Professor	Finance
	Prof. Rajan Malayil	M.com,M.Sc.,M.Phil,HD C	Associate Professor	Finance
	Prof.Mayadevi Thampatty	M.com,B.Ed, ugc-net	Assistant Professor	Finance
	Varada Varma ( Joined in2011-12)	M.Com,NET	Assistant Professor	Finance

Suneera.A (Joined in 2012-13)	M.Com, JRF	Assistant Professor	Finance
Mohanakrishnan.P.C (Joined in 2013-14)	M.Com,NET	Assistant Professor	Finance

### Teaching Posts

Year	Designation	Sanctioned	Filled
<b>2010-11</b>	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	8	7
<b>2011-12</b>	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	8	7
<b>2012-13</b>	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	8	8
<b>2013-14</b>	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	9	6
<b>2014-15</b>	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	10	7

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	B.com.	1152	60	20	40	
	M.com.	264	20	5	15	
2011-12	B.com.	1215	60	20	40	
	M.com.	238	20	5	15	
2012-13	B.com.	Online	60	20	40	
	M.com.	-do-	20	5	15	
2013-14	B.com.	-do-	60	20	40	
	M.com.	-do-	20	5	15	
	BBA	-do-	30	14	16	
2014-15	B.com.	-do-	60	20	40	
	M.com.	-do-	20	5	15	
	BBA	-do-	30	14	16	

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	B.com.	100	Nil	Nil
	M.com.	100	Nil	Nil
2011-12	B.com.	100	Nil	Nil
	M.com.	100	Nil	Nil
2012-13	B.com.	100	Nil	Nil
	M.com.	100	Nil	Nil
2013-14	B.com.	100	Nil	Nil
	BBA	100	Nil	Nil
	M.com.	100	Nil	Nil
2014-15	B.com.	100	Nil	Nil
	BBA	100	Nil	Nil
	M.com.	100	Nil	Nil

**Department of Mathematics**

The Department of Mathematics was established in the year 1952 with a UG programme. MSc Mathematics was started in 2013. Three of the faculty members possess MSc degrees. The department offers complementary courses for BSc Physics and BSc Chemistry programmes. An Open course in “Mathematics in Physical Science” is also offered to students of the other departments. The student-teacher ratio for UG is 48:1 and for PG is 12:1. One faculty member has functioned as chairman, Board of Examiners.

### Faculty Profile

Year	Name	Qualification	Designation	Years of experience
<b>2010-15</b>	V K Ratnam	M.Sc.	Associate Professor ( Retired in 2015)	28
	Radha P	M.Sc.	Associate Professor	24
	Manjusha O T	M.Sc.,B.Ed.NET	Asst. Professor (Resigned in 2011)	Nil
	Krishnaveni.P (Joined in 2012-13)	MSc., B. Ed, JRF,NET	Asst. Professor	3

### Teaching Posts

Year	Sanctioned			Filled			Post of Asst.Professors sanctioned and not filled	Post of Asst. Professors not sanctioned	Remarks
	Professors	Associate Professors	Asst. Professors	Professors	Associate Professors	Asst. Professors			
<b>2010-11</b>	Nil	2	1	Nil	2	1	Nil	Nil	

2011-12	Nil	2	Nil	Nil	2	Nil	1	Nil	Manjusha left. One guest lecturer appointed
2012-13	Nil	2	1	Nil	2	1	Nil	Nil	Krishnaveni joined
2013-14	Nil	2	1	Nil	2	1	Nil	3	M.Sc.start ed. 3 guest lecturers appointed
2014-15	Nil	1	1	Nil	1	1	1	5	V K Ratnam retired. 6 guest lecturers appointed in the dept.

### Student Profile Programme/Course wise

Year	Course	Application received	Selected	Enrolled		Pass %
				Male	Female	
2008-11	B.Sc.	743	48	22	26	78
2009-12	B.Sc.	750	48	20	28	63
2010-13	B.Sc.	780	48	22	26	70
2011-14	B.Sc.	766	49	31	18	58
2012-15	B.Sc.	Online	48	17	31	73
2013-16	B.Sc.	-do-	49	23	26	
	M.Sc.	-do-	15	1	14	100

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	UG	100	Nil	Nil
	PG	100	Nil	Nil
2011-12	UG	100	Nil	Nil
	PG	100	Nil	Nil
2012-13	UG	100	Nil	Nil

	PG	100	Nil	Nil
2013-14	UG	100	Nil	Nil
	PG	100	Nil	Nil
2014-15	UG	100	Nil	Nil
	PG	100	Nil	Nil

### Department of Physics.

The department of Physics was established in the year 1957. The department offers BSc Physics programme and also offers complementary courses to BSc Mathematics and BSc Chemistry students. The department also offers a course in *Non Conventional Energy Source* to all students under the open course scheme. Thirty percent of the classes were engaged by guest faculty during this period. The student teacher ratio is 24:1. There is one lab assistant. Dr. N.E. Rajeevan has published two text books and five articles and eight research publications in International peer reviewed journals. He has also published five papers in collaboration with Dr. T. Ramachandran. Smt. Vijayalakshmi has also published a text book during this period. Dr. T. Ramachandran has published papers at the national and international level and has been awarded the Best Research Poster Presentation Prize at the 55<sup>th</sup> D A E Solid State Physics Symposium. One member is also member of the editorial board of an international journal. 33.3% of the students undertake in-house projects. The students Aswin Sagar, Shyamjith. V. P., and Ashind. P. Menon has received awards related to competitions in academics.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
	K. Vijayalakshmi	M Sc.	Associate Professor (Retired in 2012)	
	K. Sundareswari	M Sc., M. Phil	Associate Professor (Retired in 2013)	

<b>2010-15</b>				
	T. Ramachandran	M Sc., B. Ed, M. Phil, Ph. D	Associate Professor	
	C.P.Santhakumari	M Sc.	Associate Professor (Retired in 2015)	
	C.Vanajakumari	M Sc.	Associate Professor (Retired in 2015)	
	P.V.Krishnakumar	M Sc., B. Ed, M. Phil	Associate Professor	
	C.K.Mini Nair	MSc.	Associate Professor	
	Dr. N. E. Rajeevan	MSc. ,M. Phil, Ph. D	Associate Professor	
	Subeesh. T.P.	M Sc	Assistant Professor	

### Teaching Posts

<b>Year</b>	<b>Designation</b>	<b>Sanctioned</b>	<b>Filled</b>
<b>2010-11</b>	Professors	Nil	Nil
	Associate Professors	8	8
	Assistant Professors	Nil	Nil
<b>2011-12</b>	Professors	Nil	Nil
	Associate Professors	8	8
	Assistant Professors	Nil	Nil
<b>2012-13</b>	Professors	Nil	Nil
	Associate Professors	8	8
	Assistant Professors	Nil	Nil
<b>2013-14</b>	Professors	Nil	Nil
	Associate Professors	8	6
	Assistant Professors	Nil	Nil
<b>2014-15</b>	Professors	Nil	Nil
	Associate Professors	8	6
	Assistant Professors	1	1

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	UG	863	48	25	23	67
2011-12	UG	845	48	19	29	82
2012-13	UG	Online	48	22	26	82
2013-14	UG	-do-	48	18	30	57
2014-15	UG	-do-	48	20	28	69

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	UG	100	Nil	Nil
2011-12	UG	100	Nil	Nil
2012-13	UG	100	Nil	Nil
2013-14	UG	100	Nil	Nil
2014-15	UG	100	Nil	Nil

### Department of Chemistry

The Department of Chemistry was established in the year 1957. The department offers BSc and MSc courses in addition to the complementary courses conducted for BSc Physics, BSc Botany and BSc Zoology students. 2 faculty members are working on projects funded by the UGC. Several regional seminars have been conducted by the department. Mr Vishnu Sreejith, a student of BSc Chemistry won the 'Sadguna' award for the year 2014-15 given to the best student of all the colleges affiliated to the university. 2 students have cleared the NET examinations during this period. The student- teacher ratio for BSc programme is 48:1 and for MSc is 10:1. There are four sanctioned posts for lab assistants but only three have been filled. The department has submitted the applications for up gradation to research

centre. 50% of the PG students and 33.3% of the UG students undertake in-house projects every year. Eminent scholars like Dr. P. Mohammed Shafi, Dr. S. Sugunan, Dr. K. K. Aravindakshan, Dr. Liza Sreejith and Dr. Aneesh. M. H has visited the department to support the students. A Seminar was conducted as part of the International Year of Chemistry in 2012. An exhibition CHEMSHOW was conducted for the benefit of school students both high school and higher secondary.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
2010-15	T. M. Gokulachandran	MSc.Ph.D	Associate professor (Retired in 2011)	
	Vishnu Unni M. V.	MSc.	Associate professor (Retired in 2015)	
	Dr. Jessy Chacko	MSc., Ph. D,	Associate professor (Reader) (Retired in 2011)	
	Dr. D. K. Babu	MSc., Ph. D	Associate professor	Physical Chemistry
	Dr. G. Indiradevi	MSc., B. Ed, Ph. D	Associate professor	Organic Chemistry
	Dr. P.T. Malini	MSc., B. Ed, Ph. D	Associate professor	Physical Chemistry
	Smt. Rugmini Ammal	MSc.	Assistant Professor	
	Smt. Sangeetha. K. G	MSc., B. Ed,	Assistant Professor	
	Dr. Leon Prasanth	MSc., Ph. D	Assistant Professor	
	Dr. Sudheesh. P	MSc., Ph. D	Assistant Professor	

### Teaching Posts

Year	Designation	Sanctioned	Filed
	Professors	Nil	Nil

<b>2010-11</b>	Associate Professors	8	6
	Assistant Professors	Nil	Nil
<b>2011-12</b>	Professors	Nil	Nil
	Associate Professors	8	6
	Assistant Professors	Nil	Nil
<b>2012-13</b>	Professors	Nil	Nil
	Associate Professors	6	6
	Assistant Professors	2	2
<b>2013-14</b>	Professors	Nil	Nil
	Associate Professors	6	6
	Assistant Professors	2	2
<b>2014-15</b>	Professors	Nil	Nil
	Associate Professors	3	3
	Assistant Professors	5	4

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
<b>2010-11</b>	UG	420	48	20	28	56
	PG	152	10	1	9	60
<b>2011-12</b>	UG	450	48	18	30	78
	PG	160	10			100
<b>2012-13</b>	UG	Online	48	15	33	78
	PG	-do-	10	2	8	100
<b>2013-14</b>	UG	-do-	48	17	31	76
	PG	-do-	10	2	8	89
<b>2014-15</b>	UG	-do-	48	14	34	82
	PG	-do-	11	0	11	100

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	UG	98	2	Nil
	PG	100	Nil	Nil
2011-12	UG	98	2	Nil
	PG	100	Nil	Nil
2012-13	UG	98	2	Nil
	PG	100	Nil	Nil
2013-14	UG	98	2	Nil
	PG		Nil	Nil
2014-15	UG	98	2	Nil
	PG	90	10	Nil

### Department of Zoology

The Department of Zoology was established in the year 1960. The courses offered are BSc( Zoology) Main, complementary courses for BSc ( Botany) and open course in *Reproductive Heath and Sex Education*. Three members of the faculty possess M Sc., Ph. D degrees and one member is in the process of completing his Ph. D programme. One member of the faculty has completed a minor research project funded by UGC. About 7 articles by the faculty have been published in regional research journals. The faculty has engaged in consultancy work but as it was done to support students, and to fulfil their service to society, no income was generated. About 11 eminent academicians and scientists have engaged classes for the students. The Department has conducted 5 seminars funded by the PTA and the department itself. The student- teacher ratio is 27:1. 30% of the lectures delivered and practical classes conducted were handled by guest faculty. Some of the members function as Secretary, Prof. TC Narendran Trust for Animal Taxonomy, Member of Malabar, Natural History Society, Associate editor of a international journal Biosystematica, and as staff editor Cubile Golden

Jubilee Souvenir, Department of Zoology. 33.3% of the students undertake inhouse projects every year. And 3.5% are placed for projects in organisations outside the institutions, that is , in research laboratories, industries etc. Sri Jaseem Lal( 2010-2013 batch) was a recipient of the Sadguna award constituted by The University of Calicut for the best outgoing student in the year 2013.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization	Years of Experience
2010-15	A.C. Pushpalatha	M Sc.	Associate professor (Retired in 2014)	Entomology	35
	Dr. M. Madhavikutty	M. Sc., M. Ed., Ph. D., M. Sc. (Applied Psychology)	Principal (2015-16) and Associate Professor	Entomology	34
	Dr. A. Sindhu	M. Sc., B. Ed., Ph. D.	Assistant Professor	Entomology	10
	Dr. Sudheer. K.	M. Sc., B. Ed., Ph. D.	Assistant Professor	Entomology	6
	Deepak R	M. Sc., M. Ed. (Ph. D. doing)	Assistant Professor	Entomology	1

### Teaching Posts

Year	Designation	Sanctioned	Filled
2010-15	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	3	3

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	B.Sc	463	32	8	24	76
2011-12	B.Sc	457	33	9	24	74
2012-13	B.Sc	Online	33	9	24	74

2013-14	B.Sc	-do-	32	7	25	71
2014-15	B.Sc	-do-	32	10	22	81

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	B.Sc	100.00	Nil	Nil
2011-12	B.Sc	97.3	2.67 (Lakshadweep)	Nil
2012-13	B.Sc	97.3	2.67 (Lakshadweep)	Nil
2013-14	B.Sc	100.00	Nil	Nil
2014-15	B.Sc	100.00	Nil	Nil
2015-16	B.Sc	100.00	Nil	Nil

### Department of Botany

The UG course in Botany started in the year 1957 and the PG course in 1979. Botany is offered as a complementary course for BSc Zoology course and an open course in “Horticulture and Nursery Management” for other departments. 2 of the faculty possess MPhil degrees and 7 are PhD holders. 2 members of the faculty have ongoing projects funded by the UGC and Kerala State Planning and Economic Affairs Department. 1 teacher possesses international funding obtained from National Science Foundation (NSF), USA. The faculty has 54 publications. 29 articles are published in peer-reviewed journals, 26 in

international databases and 2 are chapters in books. 2 of the faculty are members of editorial boards. There are 9 research scholars under the PhD programme. 1 member of the faculty has been awarded 2 major projects with a total outlay of Rs. 51,60,000/-. The student- teacher ratio for the BSc programme is 32:4 and for the MSc programme is 12:4. 33.3% of the UG students and 50% of the PG students undertake in house projects.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization
<b>2010-15</b>	Dr. M. Jayasree	M.Sc., B.Ed., M.phil., Ph.D.	Associate Professor (Retired in 2015)	Genetics
	Mrs. Samitha Varma	M.Sc.	Associate Professor (Retired in 2013)	
	Dr. P.P. Rajan	M.Sc., Ph.D.	Assistant Professor	Plant Pathology
	Dr. P. Indulekha	M.Sc., Ph.D.	Assistant Professor	Plant Tissue culture
	Dr. K.P. Rajesh	M.Sc., Ph.D., FIAAT	Assistant Professor	Taxonomy, Pteridology
	Dr. Manju C. Nair	M.Sc., B.Ed., Ph.D., PDF	Assistant Professor	Taxonomy, Bryology
	Dr. Arun Kumar, T.K.	M.Sc., Ph.D., PDF, M.M.M	Assistant Professor	Mycology
	Dr. Sanoj, E.	M.Sc., M.Phil., Ph.D., FIAAT	Assistant Professor	Plant Pathology

### Teaching Posts

Year	Designation	Sanctioned	Filled
	Professors	Nil	Nil
	Associate Professors	2	2

<b>2010-11</b>	Assistant Professors	6	6
<b>2011-12</b>	Professors	Nil	Nil
	Associate Professors	2	2
	Assistant Professors	6	6
<b>2012-13</b>	Professors	Nil	Nil
	Associate Professors	2	2
	Assistant Professors	6	6
<b>2013-14</b>	Professors	Nil	Nil
	Associate Professors	2	1
	Assistant Professors	6	6
<b>2014-15</b>	Professors	Nil	Nil
	Associate Professors	2	1
	Assistant Professors	6	6

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
<b>2010-11</b>	B.Sc	489	32	10	22	68
	M.Sc	164	12	2	10	75
<b>2011-12</b>	B.Sc	462	32	13	19	100
	M.Sc	158	12	1	11	100
<b>2012-13</b>	B.Sc	Online	32	11	21	100
	M.Sc	-do-	12	1	11	100
<b>2013-14</b>	B.Sc	-do-	32	12	20	46
	M.Sc	-do-	12	0	12	92
<b>2014-15</b>	B.Sc	-do-	32	11	21	74
	M.Sc	-do-	12	1	11	100

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
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<b>2010-11</b>	B.Sc	97	3	nil
	M.Sc	100	Nil	Nil
<b>2011-12</b>	B.Sc	97	3	nil
	M.Sc	100	Nil	Nil
<b>2012-13</b>	B.Sc	97	3	nil
	M.Sc	100	Nil	Nil
<b>2013-14</b>	B.Sc	97	3	nil
	M.Sc	100	Nil	Nil
<b>2014-15</b>	B.Sc	97	3	nil
	M.Sc	100	Nil	Nil

### **Department of Statistics.**

The Department of Statistics was established in the year 1992. It offers core courses for BA Economics and complementary course for BSc Mathematics and MA Economics Programme. There is only one post of Associate Professor sanctioned so far. The faculty member actively participates in administrative and disciplinary processes. He is also the NCC Commander. The department functions as a base support for other departments and so does not support in-house projects.

### **Faculty Profile**

<b>Year</b>	<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>
<b>2010-2015</b>	E. D. Sani	M Sc. JRF	Associate professor	

## **Department of Physical Education and Yoga**

The Department was established in the year 1955 and the course offered by the department since 2007 is MSc Health and Yoga Therapy. The Department of Zoology assists the course by handling classes in Anatomy and Physiology and the Department of Statistics handles classes in Research Methodology. There is one technical staff to assist the department. 3 books and 6 articles have been published. 1 faculty is an executive member of the National Association for Physical Education and Sports Sciences. 11 lectures were delivered by visiting faculty. The student- teacher ratio for MSc programme is 14:3 and for the Physical Education programme, it is 1900:2. 50% of the PG students undertake in house projects. Sri. P.K. Balagopalan was the IQAC coordinator for the previous cycle of accreditation. The faculty actively supports the institution in various ways by taking up administrative responsibilities like admission, discipline, anti-ragging cell, planning board, IQAC etc

List of visiting faculty:

1. Swami Adhyathmananda, Chinmaya mission
2. Dr Sudha Krishnanunni
3. Dr P Raman, Kottakkal Arya Vaidyasala
4. Dr. Naveen KV, SVYASA University, Bangalore
5. Dr Manjunath NK, SVYASA University, Bangalore
6. Dr Anwar Jahan Zuberi, Vice-Chancellor, University of Calicut
7. R Manoj Kumar, UGC, New Delhi
8. Nadan Thangavelu, MRC Cancer Cell Unit Cambridge
9. Dr Suraj Kanekar, Yog peeth, Haridwar
10. Acharya Vijayaraghavan, Satyananada Yoga Research Centre
11. Acharya Unniraman, Patanjali Yoga Research Centre.

### Faculty Profile

Year	Name	Qualification	Designation	Specialization	Years of Experience
<b>2010-15</b>	P.K. Balagopalan		Associate Professor (Retired in 2011)		
	Devakumar.K.V	B.Sc Maths, B. P.Ed, M.P.Ed, M.Phil, UGC NET, D.Y.Ed, P.G.D.Y.Ed	Associate Professor	Basket Ball	20
	Dr. Vibhas				
	Dr. Jincy				
	Dr. Jayakumar.R	B.Sc Botany, M.P.Ed, M.Phil, Ph.D	Assistant Professor	Cricket	4
	Akhil.K	B.Sc Maths, M.Sc Health & Yoga Therapy	Guest Lecturer M.Sc Health & Yoga Therapy	Yoga	5
	Bijisha.T.C	B.Sc Maths, M.Sc Health & Yoga Therapy	Guest Lecturer M.Sc Health & Yoga Therapy	Yoga	5
	Abin Rosh.B	B.Sc Zoology, P.G.D in Heritage Ship Technology, M.Sc Health & Yoga Therapy	Guest Lecturer M.Sc Health & Yoga Therapy	Yoga	2

### Teaching Posts

Year	Designation	Sanctioned	Filled
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<b>2010-16</b>	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	1	1

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
<b>2010-11</b>	M.Sc Health & Yoga Therapy	22	10	4	6	60
<b>2011-12</b>	M.Sc Health & Yoga Therapy	27	13	9	4	50
<b>2012-13</b>	M.Sc Health & Yoga Therapy	Online	8	3	5	65
<b>2013-14</b>	M.Sc Health & Yoga Therapy	-do-	12	10	2	-
<b>2014-15</b>	M.Sc Health & Yoga Therapy	-do-	10	7	3	-
<b>2015-16</b>	M.Sc Health & Yoga Therapy	-do-	14	5	9	-

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
<b>2010-11</b>	M.Sc Health & Yoga Therapy	100	-	-
<b>2011-12</b>	M.Sc Health & Yoga Therapy	100	-	-
<b>2012-13</b>	M.Sc Health & Yoga Therapy	100	-	-
<b>2013-14</b>	M.Sc Health & Yoga Therapy	100	-	-
<b>2014-15</b>	M.Sc Health & Yoga Therapy	100	-	-
<b>2015-16</b>	M.Sc Health & Yoga	100	-	-

	Therapy			
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## Department of Sociology

The UG programme of Sociology/Malayalam began in 1968 and the PG programme in Sociology was started in the year 1978. It works in collaboration with the Malayalam department. The department offers an open course in *Life Skill Education*. 33.3% of the UG students and 50% of the PG students undertake in house projects. The student teacher ratio is 30:1 for UG and 20:1 for PG. The faculty actively supports the institution in various ways by taking up administrative responsibilities like admission, discipline, anti-ragging cell, planning board etc.. Dr. Lakshmi. V. Nair, a senior faculty has delivered lectures for students. Application for upgrading the department to a research centre has been submitted.

### Faculty Profile

Year	Name	Qualification	Designation
2010-15	Dr. P. Ambikadevi	M A, Ph. D	Associate professor (Retired in 2011)
	Dr. K. C. Jayasree	M A, Ph. D	Associate professor (Retired in 2013)
	N. Rakhi	M A, B. Ed	Assistant Professor
	R. Shailendra Varma	M A, B. Ed, M. Phil	Assistant Professor
	Dr. C. Mahesh	M A, Ph. D	Assistant Professor
	Ranjith Raja. P. C.	M A, M. Phil	Assistant Professor
	Dr. Saju. K. Nair (Joined in 2013)	M A, M. Phil, Ph. D	Assistant Professor

Malika. U. Varma (Joined in 2015)	M A	Assistant Professor
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### Teaching Posts

Year	Designation	Sanctioned	Filled
2010-11	Professors	Nil	Nil
	Associate Professors	2	2
	Assistant Professors	4	3
2011-12	Professors	Nil	Nil
	Associate Professors	2	2
	Assistant Professors	4	3
2012-13	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	5	5
2013-14	Professors	Nil	Nil
	Associate Professors	1	1
	Assistant Professors	5	5
2014-15	Professors	Nil	Nil
	Associate Professors	Nil	Nil
	Assistant Professors	6	6

### Student Profile Programme/Course wise

Year	Name of the course/ programme	Applications received	Selected	Enrolled		Pass percentage
				Male	Female	
2010-11	UG	218	56	16	40	82
	PG	105	20	5	15	94
2011-12	UG	197	60	18	42	90
	PG	98	20	1	19	100
2012-13	UG	Online	60	23	37	90
	PG	-do-	20	4	16	100
2013-14	UG	-do-	60	24	36	78
	PG	-do-	20	5	15	94
2014-15	UG	-do-	60	25	35	89
	PG	-do-	13	5	8	-

### Student Diversity

Year	Name of the course	% of students from the same state	% of students from other states	% of students of students from abroad
2010-11	UG	98.21	1.79	Nil
	PG	100	Nil	Nil
2011-12	UG	98.21	1.79	Nil
	PG	100	Nil	Nil
2012-13	UG	98.21	1.79	Nil
	PG	100	Nil	Nil
2013-14	UG	98.21	1.79	Nil
	PG	100	Nil	Nil
2014-15	UG	98.21	1.79	Nil
	PG	100	Nil	Nil

## OUR PRINCIPALS

Year	Name
2010-13	Smt. A. Sreedevi
2013-15	Dr. P.C. Rethi Thampatty
2015-16	Dr. M. Madhavikutty
2016-onwards	Dr. T. Ramachandran

With due respect to our Patrons, Managers and former Principals this report of the Zamorin's Guruvayurappan College is submitted herewith.

### Declaration by the Head of the Institution

I certify that the data included in this re-accreditation report (RAR) are true to the best of my knowledge.

This RAR is prepared by the institution after internal discussions and no part there of has been out sourced.

I am aware that the peer team will validate the information provided in this RAR during the peer team visit.

Name : **Dr. P.K. Prabha**

Name : **Dr. T. Ramachandran**

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC