

GOVERNMENT COLLEGE CHITTUR
PALAKKAD – 678104
(Affiliated to the University of Calicut)

SELF STUDY REPORT

Submitted to

THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
2017

PREFACE

It gives me immense pleasure to bring out the Self Study Report (SSR) of Govt. College Chittur, Palakkad, for submission to the National Assessment and Accreditation Council (NAAC), Bangalore for the second cycle of accreditation. This report is the criterion-wise compilation of the inputs, processes and outcomes of our endeavours for quality sustenance and enhancement. The report is the outcome of the collective efforts of the faculty with the support of the department coordinators, under the leadership of the IQAC coordinator. This laborious venture gave us an opportunity to recognise our strengths and to identify our weaknesses in the pursuit of excellence in the field of higher education.

Principal

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Executive Summary

Government College Chittur was established on 11 August 1947, in response to an increasing demand for higher education in the erstwhile state of Cochin. Ever since the beginning, the college caters to the need of students not only of the nearby locality but also to the entire state and nearby state. From a humble beginning as a Junior College, Chittur College currently is one of the 7 special grade colleges in Kerala. Currently, the college offers 14 undergraduate, 7 Post graduate courses. Four departments are recognized research centers. The curriculum has undergone structural changes over the last few years. Still, the conventional courses in science, humanities and commerce continue to attract students in and around Chittur and Palakkad. The introduction of Choice Based Credit and Semester System (CBCSS) in 2009 by the University, made the college more academically flexible by offering elective and open courses at the undergraduate level. The college also offers new initiatives like Walk With a Scholar (WWS), Scholar Support Programme (SSP), and Additional Skill Acquisition Programme (ASAP). Four of the departments, namely, Geography, Music, Philosophy, Tamil are very rare under University of Calicut, so that many students from outside Palakkad pursue their higher education in these departments. In recent years, there has been a sizable increase in the number of students from the weaker sections of the society like SC, ST, TLM and OBC highlighting the role played by the institution in the upliftment of the backward classes.

The qualified and dedicated faculty is perhaps the greatest asset of the college. Almost 32% of the faculty members are PhD holders and 50% are pursuing research, which shows the quality of academic growth among the faculty. They are enthusiastic in conducting seminars on relevant topics and also in taking up and completing research projects. The Departments of Mathematics, Tamil, Music and Philosophy are research centres under the University of Calicut.

The list of publications of the faculty is laudable. Despite the rigorous schedule of semester system and the increase in clerical work, the teaching faculty has been able to contribute research articles to various journals. Effort has been made to launch a national peer-reviewed journal with ISSN by the department of Tamil.

A good academic environment is promoted by encouraging teachers to undergo orientation/refresher courses and to participate in seminars. Faculty is intimated and motivated to involve in the new schemes of the Department of Higher Education like FLAIR, OPTIMA and TEST. All these help the faculty to boost up and enhance their academic quality and thus the teaching - learning experiences are shared among the student community. Teachers of the college who are members of academic council actively participate in the curriculum design of the university, and those who are in the board of studies convey the needs of their discipline to the concerned authority.

The infrastructure of the college caters to the needs of the students and teachers at the academic and co-curricular levels. Sincere efforts are made to enhance the infrastructure facilities which have resulted in the construction of Seminar Hall, PG block and Library. Plans are underway to construct an Amphitheatre, Staff Quarters and Synthetic track. Gender sensitisation is done by the programmes of an active Women's Cell on the campus. The social issues of the area are properly addressed by the activities of NSS. Apart from that, social outreach programmes are organized by some of the departments which amalgamate the curriculum, students and the needs of the locality.

The role of the Principal in being the intermediary between the college and the Director of Collegiate Education is commendable. Other agencies worth mentioning are PTA, Alumni, and CDC who all ensure the smooth functioning and well being of the college. The college is not without any limitations. Being a government college, often it has to make compromises in quality regarding the construction and maintenance of its buildings. Quite often departments have to wait indefinitely for meeting their needs on account of paucity of funds. Teachers, who now work under considerable pressure, need more facilities for research and more time to ensure quality research output.

1. Curricular Aspects:

The institution is guided by its vision महाजनो येन गतः स पन्थाः (Mahājanō yēna gathāḥ sa panthāḥ) – The path travelled by great people is the right path. Every step is taken to ensure the accomplishment of this vision in all aspects. The college is affiliated to University of Calicut and offers a wide range of courses in Science, Humanities and Commerce. Though the college cannot design its own curriculum, efforts are made by the departments to complement the curriculum through seminars, assignments and projects and thus making it more updated. Besides, the faculty in the Board of Studies of the affiliating university contribute well in the designing of curriculum. Besides, the institution is a study centre of Distance Education of the university of Calicut. With the introduction of Choice Based Semester System (CCSS) in 2009, the university has brought some flexibility into the UG programmes by offering Open courses and Electives apart from the Common courses.

2. Teaching-Learning and Evaluation:

For the last four years admission to both Under Graduate and Post Graduate courses is done by the university, strictly adhering to the reservation policy of Government of Kerala which caters to the need of various sections of the society. The college plans and organises teaching, learning and evaluation schedules by strictly following the university academic calendar. Through an effective tutorial system, advanced and slow learners are identified and care is given to them under special government programmes like WWS and SSP. To increase the reading habit, a reader's forum is established. Special care is given to differentially-able students. A blind –friendly-computer is

provided for the visually challenged which helps them to listen to the subjects taught. Student - centric teaching methodology ensures student participation in the teaching - learning activity. IQAC takes initiative to conduct a yearly feedback system from the students which helps the teachers to improve their performance. Students of various disciplines are toppers of university examinations too.

3. Research, Consultancy and Extension:

Departments of Mathematics, Music, Philosophy and Tamil are currently research centres under University of Calicut. Three faculty members of Department of Tamil are currently research guides and the department produced almost 29 Ph.Ds in the last 2 decades. Two faculty members from Department of Mathematics and one from Department of Music have applied for guide ship. The College has an active research forum, which initiates and encourages all the faculty members to avail of Research Projects from the National Funding agencies. The college wholeheartedly supports and encourages the Faculty members to avail FDP leading to Ph.D. Faculty members publish their research work in the leading international journals, and in the last five years around 100 articles were published in reputed international journals. The major funding agencies of the college other than the state government are UGC, DST and STEC. The college is associated with “International Organizations of Migrations” to conduct a survey in the Palakkad region on the blue colored jobs in the Middle East. The extension services initiated by the NSS are commendable which include pain and palliative care services, mid-day meal shared with the old people of an adopted village, cleaning of public ponds, organising medical camps in the locality, cholera eradication support programs in the nearby village Pattanchery, financial assistance offered to the hapless women from Jarkhand who were in Mahila Mandir etc to mention a few. Other than the social activities of NSS, many departments are actively doing consultation as well as extension activities with special focus on the under privileged and the vulnerable sections of the society. The consultation services are offered free of cost by the department. The department of Geography associated with the District administration for land survey and distribution in the tribal area of Attapady. The department of Economics also conducted similar programmes in Attapady and the idea of "vegetable garden at home" was introduced. Because of the stringent Government rules, a very few MoU has been signed. But various faculties collaborate with national as well as international institutes in connection with research work and student projects.

4. Infrastructure and Learning Resources:

College is located in Chittur-Thattamangalam Municipality, with a land area of 48 Acres and building area of 10500 sq. meters near Shokanashini River. The campus is marked for its greenery and shady trees all around which enhances the teaching - learning ambience. The institution has sufficient number of classrooms, Faculty rooms, Laboratories, Zoology and History Museums, ICT enabled smart rooms, EDUSAT

room which facilitates video conferencing, A/C Seminar hall, Green House and Specialised labs for Electronics, Languages, and Computer Science. A new PG Block and a new Library block are being constructed on the campus to overcome the shortage of classrooms and library space. Three computer labs, one each at department of Commerce and department of Geography, and another one at INFLIBNET room is available. High-speed computing facility is available in the Department of Mathematics. The whole college is connected via LAN, with an internet facility of 10Mbps speed. Another connection sponsored by government of Kerala is currently being installed in the college. There are separate rooms/blocks for NCC, NSS, IQAC, ASAP, Women Cell. The library has approximately 100000 books and 20 journals. The library is fully automated with KOHA, and author-wise and title-wise search is facilitated through OPAC. Subscription to N-List of INFLIBNET provides access to more than 6000 journals and 90,000 e-books. Every year 500-600 books are added to the library. A College Canteen, a Co-Operative store, and a Xerox facility are functioning in the college for the students at reduced rates. The College also has separate hostels for men and women.

5. Student Support and Development:

Extensive support is offered to students to ensure the all-round development in academic and co-curricular activities. The academic activities include tutorial system, Walk With a Scholar programme (WWS) and Scholar Support Programme (SSP). The pass percentage of students in the college is 85%. Students excel in sports and arts activities also. Almost 90% of the students receive freeships/ freeships with a stipend. With the implementation of Additional Skill Acquisition Programme (ASAP), new avenues of skill based training are opened up for the students. To encourage the social activities and extracurricular activities, the cells like Bhoomithrasena, Literary Club, Film Club, Science Club, Theatre Group, Entrepreneur Development club and Debate Club are functioning in the college. Physical Education department plays a key role in supporting students to excel in sports and games. A democratically elected College Students Union and Departmental Associations take initiative to organize and promote the co-curricular activities with the constant support and guidance from PTA and teaching faculty. A counseling cell is functioning under the guidance of Women Cell effectively. The college has a registered alumni, which eagerly keep an eye on the development of the college and effectively takes part in the development. They have a website <http://chitturcollegealumni.com/>. Conducting class-wise PTA meetings by some of the departments in each semester is a unique practice of our college which helps in building rapport with the parents and thus effectively controlling student drop outs. Student Support mechanisms also include Equal Opportunity Cell, Entry into Service Cell, Anti-sexual harassment cell, Anti Ragging cell and Grievance Redressal Cell.

6. Governance, Leadership and Management:

Being a government college, our institution strictly follows the instructions and orders from the Department of collegiate education, Government of Kerala. The Principal is the decision making authority of all academic and non academic activities of the college. A college council with Heads of all the Departments and 2 elected members assist Principal for the smooth functioning of the college activities. CDC, PTA and IQAC help the college for its excellence. Principal convenes the General body of the teaching and non-teaching staff and discusses the special matters and the rules and regulations communicated by the University and the government. Each department is given the academic freedom. The IQAC of the College is entrusted with the task of initiating and monitoring the quality enhancement strategies of the institution. In addition to these, admission committee, examination committee, purchase committee, planning board, discipline committee etc are formed to help the principal to ensure a hassle-free campus. The administration of the college is handled by efficient staff directly appointed by the government. The senior Superintendent supervises and coordinates the smooth functioning of the administrative section. The college authorities take effort to bring all the staff members, students, well wishers and Alumni under one umbrella so that the college becomes a center of excellence.

7. Innovation and Best Practices

The college believes in a single motto 'Green Earth, Safe Earth', hence committed to preserving the greenery in and around the campus. NSS has initiated a special environment protection campaigns namely URAVA and USE ME and as part of the programme, more than 1000 saplings are planted in the locality in the current year. The college cultivates the culture of altruism by regularly donating blood to the needy. The institution takes all possible measures to ensure conservation of energy. In its pursuit for tapping non conventional energy sources, the college has initiated installation of solar power, rainwater harvesting and biogas plants in canteen and hostel. Effort has been made to conduct Green Audit to assess the production and management of waste and its impact on the environment. Many innovations like Smart Board teaching, Spoken tutorial programme is conducted in the college regularly. Some programmes sponsored by Center for Continuing Education Kerala are conducted in the college. The two best practice of our college are Interdisciplinary Forum and Student IQAC. Interdisciplinary Forum enables the teachers to interact among themselves regarding their research works, research possibilities and interdisciplinary approaches among various subjects. Student IQAC works as a platform to interact with students on the needs and requirements for the proper quality assurance of the institution.

SWOC Analysis

STRENGTH	WEAKNESS
<ul style="list-style-type: none"> • Selection of faculty is strictly as per the UGC norms and Kerala Public Service Commission norms • Democratic working atmosphere • Mission and vision is a strength of the college • Cordial Relationship between the staff, student, the management and Alumni • 4 rare courses in the college • Young vibrant, dynamic faculty • Student centered education • High success rate in Examination • Excellence in arts and sports • Effective Student feedback system • Green Campus • Effective extension activities by departments • Community outreach Programs • Student IQAC • Active NCC • Socially Committed NSS • Diverse Student Community • New initiatives like ASAP for strengthening Self employability • 4 research centers • Alumni • Faculty as Resource Persons • Good number of International/National Publications • Spoken Tutorial • Inter Disciplinary 	<ul style="list-style-type: none"> • Limited Infrastructure • High Student teacher ratio in common courses • Limited chances of faculty exchange because of the stringent government norms • Lesser number of Post Graduate Departments • Lesser number of duty leaves to enhance research activities • Conveyance/ Remote area • Lack of Staff Quarters
OPPORTUNITIES	CHALLENGES
<ul style="list-style-type: none"> • Whole hearted support for research opportunities • Funding by UGC, DST and STEC • Trouble free campus • IT Facility • Campus is differentially abled friendly • Special support for Tamil Linguistic Minority • Marginal Increase • Entrepreneurship skills 	<ul style="list-style-type: none"> • Construction of new class rooms • Conservative mind set of parents and students. • Starting of new courses • Lack of job-oriented courses. • Nearby colleges offering the same courses • Poor financial background of students • Poor access to e-resources outside the campus

PROFILE OF THE INSTITUTION

1. Profile of the Affiliated College

1. **Name and Address of the College:** Government College Chittur
Chittur College P.O
Amabattupalayam
Chittur
Palakkad
Kerala - 678104
2. **For Communication:**
- a. **Principal** M.P.Sethumadhavan
Phone (Office) 04923207010
(Mobile) 9447940087
(Fax) 04923222347
(e-mail) gccprincipal@gmail.com
- b. **Vice-Principal** Dr. E. K. Rajamohanam
(Mobile) 9446207579
(e-mail) ekrajamohanam@gmail.com
- c. **Steering Committee Co-ordinator** K. Sheeba
(Mobile) 9497630626
(e-mail) sheeees@gmail.com
3. **Status of the Institution:** Affiliated College
4. **Type of Institution:**
- a. **By Gender** Co-education
b. **By Shift** Regular
5. **It is a recognized minority institution?** No
6. **Sources of funding:** Government, Grant-in-aid and
UGC.
Department of Science and
Technology of Government of India
supports the Post Graduate
Departments of Mathematics and
Geography under their FIST
programme.
7. **a. Date of establishment of the college:** 11/08/1947
b. University to which the college is affiliated/or which governs the college
University of Calicut
c. Details of UGC recognition: The College was included when
UGC Act was implemented and it
is recognized under section 2(f) &
12 (B). It is listed in the UGC

website

d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.): Not applicable

Even though no such agency has recognized the college, Department of Science and Technology supports the Post Graduate Departments of Mathematics and Geography under their FIST programme. Kerala State Science Technology and Environment Supports the Department of Mathematics under their SARD Programme.

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

If yes, has the College applied for availing the autonomous status?: 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, But the college is one of the seven first grade colleges in Kerala.

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

Location : Rural
 Campus area : 45.6 Acres
 Built up area in sq.mts. : 10500sq. mts

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

- **Auditorium/ seminar complex with infrastructural facilities : 1+1**
- **Sports facilities**
 - **PlayGround** :1
 - **SwimmingPool** : Nil
 - **gymnasium** :1
 - **Hostel**
 - **Boys' hostel**
 - Number of hostels : 1
 - Number of inmates : 60
 - Facilities (mention available facilities) One room with installed TV, provided for recreation. Chess boards and Carom boards provided.
 - **Girls' hostel**
 - Number of hostels : 2
 - Number of inmates : 150
 - Facilities(mention available facilities): Recreational facilities:one room with installed TV, provided for recreation. Chess boards and Carom boards provided.

- **Computer facility including access to internet in hostel:** One desktop PC, printer and internet.
- **Facilities for medical emergencies: Hostel Secretary** helps in providing medical assistance to the students in alliance with the Govt. Hospital, which is only about one km from the college.
- **Library facility in the hostels:** Reading room with newspapers and periodicals.
- **Workingwomen's hostel** : Nil
- **Residential facilities for teaching and non-teaching** : Nil
- **Cafeteria** : 1
- **Health centre** : Nil
- **Firstaid, Inpatient, Outpatient, Emergency care facility, Ambulance, Health centre staff:** First Aid facility is available in the Department of Physical Education; Ambulance is available in both the Municipality and Fire Station, which are situated nearby.
- **Qualified doctor** : Nil
- **Qualified Nurse** : Nil
- **Facilities like banking, post office, book shops:** These facilities are available in the vicinity of the campus. Inside campus, College co-operative store is functioning during working hours. A request for CDM cum ATM Machines is submitted before State Bank of Travancore, Chittur Branch.
- **Transport facilities to cater to the needs of students and staff:** Nil
- **Animal house** : Nil
- **Biological waste disposal** : Yes
- **Generator or other facility for management/regulation of electricity and voltage** : Yes
- **Solid waste management facility** : Yes
- **Waste water management** : No
- **Water harvesting** : Yes

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

Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
Under-Graduate	B.A Economics	6 Semesters	+2	English	40	40
	B.A History	6 Semesters	+2	English	40	40
	B.A Tamil	6 Semesters	+2	Tamil	40	40
	B. A Malayalam	6 Semesters	+2	Malayalam	30	30
	B.A Music	6 Semesters	+2	Malayalam	30	30

	B.A. Philosophy	6 Semesters	+2	English	30	30
	B. Com	6 Semesters	+2	English	60	60
	B.Sc. Botany	6 Semesters	+2	English	24	24
	B.Sc. Chemistry	6 Semesters	+2	English	24	24
	B.Sc. Electronics	6 Semesters	+2	English	24	24
	B.Sc. Geography	6 Semesters	+2	English	24	24
	B.Sc. Mathematics	6 Semesters	+2	English	24	24
	B.Sc. Physics	6 Semesters	+2	English	24	24
	B.Sc. Zoology	6 Semesters	+2	English	24	24
Post- Graduate	M.A Economics	4 Semesters	UG	English	20	20
	M.Sc. Geography	4 Semesters	UG	English	14	14
	M.Sc. Mathematics	4 Semesters	UG	English	14	14
	M.A Music	4 Semesters	UG	English	14	14
	M.A Philosophy	4 Semesters	UG	English	14	14
	M.A Tamil	4 Semesters	UG	Tamil	14	14
	M.Com	4 Semesters	UG	English	14	14
Ph.D	Mathematics		M.Sc Mathematics	English		
	Music		MA Music	English		
	Philosophy		M.A Philosophy	English		
	Tamil		M.A Tamil			
AnyOther (specify and provide	<ul style="list-style-type: none"> • Conducts various courses by Center for Continuing Education, Kerala. • College conducts Spoken Tutorial course by IIT Mumbai with the assistance of MHRD, Government of India 					

13. Does the college offer self-financed Programmes? No

14. **New programmes introduced in the college during the last five years if any?**
: Yes; M.A Economics and Ph. D in Mathematics
15. **List the departments: (respond if applicable only and donot list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly,do not list the departments offering common compulsory subjects forall the programmes like English,regional languagesetc.)**

Faculty	UG	PG	Research
Science	1. Botany 2. Chemistry 3. Electronics 4. Geography 5. Mathematics 6. Physics 7. Zoology	1. Geography 2. Mathematics	Mathematics
Arts	1. Economics 2. History 3. Malayalam 4. Music 5. Philosophy 6. Tamil	1. Economics 2. Music 3. Philosophy 4. Tamil	1. Music 2. Philosophy 3. Tamil
Commerce	B.Com	M.Com	

16. **Number of Programmes offered under (Programme means a degree course like BA, BSc, MA, M. Com)**
- a. annualsystem : Nil
b. semestersystem :21
c. trimestersystem: Nil
17. **Number of Programmes with**
- a. ChoiceBasedCreditSystem : 21
b. Inter/MultidisciplinaryApproach: Nil
c. Anyother(specify andprovidedetails)
18. **Does the college offer UG and/orPG programmes inTeacher Education?** No
19. **Does the college offer UGorPG programme in Physical Education?** No

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

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the State Government <i>Recruited</i>	0	0	3	0	44	43	28	14		
<i>Yet to recruit</i>	-	-	-	-	2	7				
Sanctioned by the Management/ society or other authorized bodies <i>Recruited</i>										
<i>Yet to recruit</i>										

*M-Male *F-Female

A dozen faculties is to be recruited by the government of Kerala for the vacancies in the various departments.

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.			1	0	21	10	32
M.Phil.					2	10	12
PG			2		23	23	46
Temporary teachers							
Ph.D.						1	1
M.Phil.							
PG					1	7	8
Part-time teachers							
Ph.D.							
M.Phil.							
PG						1	1

22. Number of Visiting Faculty/ Guest Faculty engaged with the College: 10**23. Furnish the number of the students admitted to the college during the last four academic years.**

Categories	2016-17		2015 -16		2014-15		2013-14	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	44	78	16	71	30	53	33	62

ST	13	19	3	4	5	8	12	7
OBC	87	298	61	243	46	221	47	159
General	19	51	18	52	12	39	66	116
Others	0	2	0	2	0	0	0	0

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

Type of students	UG	PG	M.Phil.	Ph.D.	Total
Students from the same State where the college is located	1395	2000	0	8	1603
Students from other states of India	17	13	0	0	30
NRI students	-	-	-	-	-
Foreign students	-	-	-	-	-
Total	1412	2130	0	8	1633

25. Dropout rate in UG and PG(averageofthelasttwo Batches)

UG: 2%

PG: 1%

26. Unit Cost of Education (Unitcost=total annual recurring expenditure (actual) divided by total number of students enrolled)

(a)Including the salary component ₹ 57002

(b)Excluding the salary component ₹ 4216

27. Does the college offer any programme/s in distance education mode(DEP)?
No

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

Department	UG	PG
Botany	32:1	--
Chemistry	42:1	--
Commerce	32:1	6:1
Economics	27.5:1	5.71:1
Electronics	19:1	--
Geography	10:1	3:1
History	51:1	--
Malayalam	90:1	--
Mathematics	28:1	5:1
Statistics	127:1	--
Music	8:1	5:1
Philosophy	35:1	8:1
Physics	48:1	--
Tamil	12:1	3:1
Zoology	35:1	--
English	180:1	

- 29. Is the college applying for Accreditation: Cycle2**
- 30. Date of accreditation*(applicable for Cycle2, Cycle3, Cycle4 and re-assessment only)**
Cycle1:29/01/2009AccreditationOutcome/Result: B Grade with CGPA 2.79
- 31. Number of working days during the last academic year: 220**
- 32. Number of teaching days during the last academic year: 180**
- 33. Dateof establishment of Internal Quality Assurance Cell IQAC :05/06/2009**
- 34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.**
- AQAR (i) 20/07/2016
- AQAR (ii) 02/02/2016
- AQAR (iii) 02/02/2016
- AQAR (iv) 02/02/2016
- AQAR (v) 02/02/2016

CRITERIA-WISE INPUTS

CRITERION I: CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

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

Vision:

महाजनो येन गतःस पन्थाः (Mahājanō yēna gathaḥ sa panthāḥ) The path travelled by great people is the right path – is the motto inscribed in the logo of the college.

The vision of the college is to provide its students a nurturing environment to the acquisition of knowledge and outlook that would enable them to tread the path trodden by great people.

Mission:

- To provide access to higher education to youth, especially of socially and financially backward categories, in the rural-agrarian environs of the college and motivate them to chase ambitious career goals.
- To provide wholesome education in various disciplines.
- To train the students to approach knowledge with a spirit of enquiry and questioning, rather than a limited aim of memorizing and rote-learning.
- To provide wholesome education in various disciplines.
- To impart value based education to the students and make them self-motivated and socially and politically conscious individuals who would be an asset to society and the nation.

The Vision and Mission of the college are communicated through the college calendar. Also, they are displayed prominently at strategic places on the campus and highlighted on the college website.

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).

The UG and PG curricula of the University of Calicut have undergone a major transformation in the last five years. The salient features of the system are

- Change from annual system to semester system
- From a rigid system to a more flexible choice based credit system
- Evaluation is based on the grading system

The evaluation process has also underwent a radical change as it is changed from the cumulative annual evaluation to continuous assessment and the orientation is changed from teacher centered to student centered. The curriculum of UG programmes has been redesigned and implemented from 2009 and that of PG programmes took place from 2010 admissions onward.

In tune with the latest developments in the subjects, the curricula of UG programmes were modified in 2013 and this is implemented in the college from 2014 onward. The revised curricula also have incorporated a wide range of open courses and electives for UG programmes. A large number of elective subjects are incorporated in the PG curricula giving maximum flexibility to the programmes. The syllabi of PG programmes also underwent revision in 2014 and the new syllabi will be implemented from next year onward.

The college implements the Choice Based Credit and Semester System effectively on the basis of a specific action plan. The college calendar gives the general time table. The syllabi assigned for a programme follows the general time table and the schedule of the evaluation criteria, such as assignments, seminars and test papers are conducted on a paper-wise basis.

As part of the continuous evaluation, for every course each student has to submit an assignment and conduct a seminar. In addition, field studies and study tours to research institutes, geographically important places are undertaken to enhance the teaching-learning process. In the Teaching and Learning process, lecture method of teaching is supplemented with audio and video aids, Group Discussions, Presentations, Project work, etc. Teachers spend time to evaluate the student and provide space for interaction. Project work is given to students on areas of interest outside the prescribed syllabus. The skills of students that cannot be evaluated externally are also incorporated in internal assessment; students are given chances to perform their skills in activities like Short Film making in the subject film studies, butterfly identification, medicinal plant identification etc. in biological sciences and the performance in *sangeetha utsavas* and youth festivals of the music students.

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?

Major changes in the curriculum are formulated on the basis of the discussions in the workshops conducted by the faculty concerned of the university. Boards of Studies of the concerned subjects finalizes the curriculum and they are communicated to the affiliated colleges through the University website. Information regarding the examinations, project evaluation and practical examinations are also communicated through the website.

The teaching practices of the faculty are improved by attending Orientation and Refresher programmes conducted by the UGC Academic Staff Colleges across the country.

As a part of faculty improvement programme, the departments of the college conduct seminars on subjects that are newly introduced in the syllabus. In addition, the State Government Higher Education department has formulated many programmes like FLAIR (Fostering Linkages in Academic Innovations and Research) and OPTIMA (for improving the quality of the staff recruited to the higher education system).

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.

To equip the faculty and students in tune with the major revision of the curriculum positively and to propagate the requirements for the same, the college has organized various orientation programmes for faculty, students and parents.

Programme	Target group	Organized by	Funding agency
Recommendations of the Higher Education Council and University on curriculum revision	Faculty	IQAC	PTA
Orientation for Students and Parents	Students & Parents	IQAC	PTA
A Workshop on Smart board for teachers	Faculty	IQAC	IQAC
A Seminar on “How to Become a Good Human”	1 semester Humanities students	IQAC	IQAC
A Seminar on “Science and Society”	1 semester Science students	IQAC	IQAC
A second Workshop on Smart Board for the teachers and students	Faculty & Students	IQAC	IQAC
Theatre Workshop	Students	IQAC	IQAC
A talk on “Opportunities Post College”	Commerce students	IQAC	IQAC

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

There is no formal forum for interaction with the beneficiaries. However, the feedbacks obtained informally are intimated to the bodies concerned. Several members are associated with various research centers in connection with their research works and the feedbacks received from there are also incorporated in the suggestions to the university bodies and other bodies concerned who are involved in policy-making and curriculum-shaping.

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, stake holder feed back provided, specific suggestionsetc.)

Several faculty members from different disciplines participated in the major curriculum revision of the University in the UG level. The updates and changes in the syllabi of both PG and UG are undertaken by the University through regular sittings of Board of Studies in different disciplines incorporating the inputs from different strata of

the society. Many of the faculty members of the college are members of the Boards of Studies of both UG and PG, and are actively involved in restructuring and updating the curriculum.

Number of teachers involved in curriculum revision		Number of teachers who are members of board of studies	
Subject	No. of participants	Subject	No. of members
Botany	1	Electronics	1
Commerce	1	Geography	5
Geography	2	Music	3
Mathematics	2	Philosophy	3
Music	2	Tamil	6
Physics	1	Chemistry	1
Tamil	1	Physics	1

The general impression among the students about the curriculum is as follows:

- The topics of study are the continuation of what they have done in their previous classes and find little difficulty.
- Computer oriented topics are incorporated appropriately in the syllabus so that every student will have knowledge of using computers as he completes the programme.
- In the Commerce stream, curriculum designed covers the fundamental topics to match entry into professional courses like CA, MBA etc.
- In most of the disciplines, the syllabi of UG programmes are designed to equip the students for entrance examinations for PG programmes and other competitive examinations.
- The tight schedule of the semester system gives a little time for the students to involve in extracurricular and co-curricular activities.

The suggestions of the teachers can be summarized as follows:

- Teachers find difficulty in finishing the syllabus in time because of the busy schedule in the semester system.
- Syllabus should be appropriately modified to suit employability.

However, all stake holders are concerned about the following aspects:

- A mechanism should be provided by the University to nullify the discrepancy in awarding the internal grades to the students by various colleges.
- Proper conduct of the examinations and publication of results within the stipulated time should be insisted upon.

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.

No

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

College is affiliated to the University of Calicut, hence follows the curriculum of the university. Though the college has no freedom to create its own curriculum and syllabus, the institution follows the syllabus strictly through which, the college tries to do justice to the curriculum designed by the university.

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.

Being a government institution, the college has limited freedom in introducing new skill oriented courses. The government has given nod to conduct Add on Courses for two years in the last six years and to ensure an additional edge for the students, two Add On Courses were conducted: Malayalam DTP and Hardware Maintenance in the academic years 2009-10 and 2010-11.

However, two new programmes, Additional Skill Acquisition Programme (ASAP) and Continuing Education Cell, were introduced in the college from the academic year 2013 onward. Additional Skill Acquisition Programme (ASAP) is introduced by the Higher Education Department of Kerala. It provides additional skill sets to students along with their regular courses. ASAP envisages equipping UG students with sector specific skills to make them employable. The ASAP level 1 programme, which is commenced during the year, is a combination of three courses, namely, Communication Skills in English, Basic IT and an Elective Domain Specific Skill Course. The Programmes are developed, delivered, assessed and certified with the active participation of the related industries to ensure labor market acceptance of the programmes. The College has been identified as a nodal center for ASAP. In addition to the students of the college, students from institutions around the college are also given training at this centre. Further, several students of the college who have completed their UG and PG are absorbed by ASAP as trainers.

Centre for Continuing Education Kerala (CCEK) is an autonomous body set up by the Government of Kerala to promote continuing education programmes in Engineering Colleges/ Arts & Science Colleges and Polytechnic Colleges. The Centre is dedicated entirely to the growth and development of technical education, industry, business and social amelioration. A cell of CCEK has started functioning in the college in collaboration with an external agency. At present, it offers a DCA programme and proposed to start other courses in future. The students of the college and outside are able to do these courses in tandem with their regular courses.

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

No

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:

Core course: In the UG level students have the freedom to choose the core course subjected to the minimum requirements laid down by the University. For example, students who want to join for Science subjects should have learned the subject concerned in the qualifying examination.

However, admission is on the basis of the merit in the qualifying examination and adhering to the reservation policies of the government.

- 1. Elective courses:** In the UG level, an elective course is offered in the final semester and in the PG level two/three elective courses are offered in the college.
- 2. Interdisciplinary courses:** Most of the complementary courses offered along with the core options are interdisciplinary in nature. The Open Courses offered in the V semester UG programmes enhanced interdisciplinary nature of the UG programmes.
- 3. Flexibility to the students to move from one discipline to another:** The students have no freedom to move from one discipline to another in the middle of a programme. However, during the process of admissions and at the beginning of the programme, if the student is otherwise qualified he/she can move from one discipline to another, with the concurrence of the institution and the university.

In PG programmes, in addition to the core programme a student has chosen at the UG level, he/she can apply for admission to the PG programme in Philosophy and if a student clears the aptitude test he/she can opt for PG programme in Music. Also, a student who has taken Tamil as a common course in the UG level is eligible for admission to PG programme in Tamil language on satisfying the minimum criteria.

- 4. Credits:** Each course shall have certain credits. For passing the degree programme the student shall be required to achieve a minimum of 120 credits of which 38 credits shall be from common courses, 78 credits from core and complementary courses and 4 credits from the open courses. Extra credits may be awarded to a student for achievements in co-curricular activities carried out outside the regular class hours. These credits shall not be counted while considering the minimum credits (120) for passing the programme. The details are given below: Co-curricular activity Extra credits.

Sl.No	Extra-curricular activity	Extra credit
1	NCC weightage certificate	1
2	NSS weightage certificate	1
3	University level participation in sports and games	1
4	Participation in Inter Zone arts festival	1
5	Participation in Inter University meets	1

- 5. Flexibility to pursue the program with reference to the time frame:** As per the regulation, the number of years of UG programme is three years and that of PG programmes is two. Students can better their results through improvement examinations during the period of their courses. If registration for examination is not possible owing to shortage of attendance beyond condonation limit, the student shall be permitted to move to the next semester. Students shall make up the shortage of attendance in that semester ('Repeat Semester') after the completion of the programme. The 'Repeat Semester' shall be possible only once in the entire semester.
- 6. Potential for employability:** The employability of the students pursuing studies in the conventional courses is a major issue that is to be addressed by every institution. The college has chosen inter departmental collaboration in the form of open courses like Banking, Basic Accountancy, Health and Nutrition courses in the UG level to bridge the gap between employability and current education system.

List of open courses offered		
Sl.no	Department	Subject
1	Botany	Applied Botany
2	Chemistry	Chemistry for everyday life
3	Commerce	Basic Accountancy
4	Economics	Banking
5	Electronics	Digital Fundamentals
6	Geography	Geographical appraisal of Natural Heritage Management
7	History	Historical tourism
8	Malayalam	Chalachithra patanam
9	Mathematics	Mathematics for Social sciences
10	Music	Popular songs
11	Philosophy	Philosophy of Education
12	Physics	Astronomy and Astrophysics
13	Tamil	Tamilmozhi Katral
14	Zoology	Reproductive Health and Sex Education
15	Physical Education	Physical activity, Health and Wellness

In addition, the college provides additional skill programe in IT oriented subjects and DCA is offered under the Centre for Continuing Education and these courses can be done by the students in tandem with their regular courses. Students also get an opportunity to undergo certificate courses from IIT Mumbai in the form of Spoken Tutorial. Selected students also get a chance to improvise their skills through the programmes like WWS and ASAP and their by elevating the students to a professional level.

- 7. Range of Core /Elective options offered by the University and those opted by the College:** All the fourteen Undergraduate programmes offered at the institution have different options for core and electives. The details of core/ elective options and those open courses opted by the institution are summarized below:

8.

UG Programmes					
Sl. No.	Core	Complementary courses	Open Courses	Electives	Electives opted
1	Botany	Chemistry Zoology	1.General Botany 2. Applied Botany 3. Basic Tissue Culture	1. Genetics Engineering 2. Advanced Angiosperm systematics 3. Genetics and Crop Improvement	Advanced Angiosperm systematics
2	Chemistry	Mathematics Physics	1. Environmental Chemistry 2. Food Science and Medicinal Chemistry 3. Plastics and rubber in everyday life	1.Analytical Chemistry 2.Synthetic organic chemistry 3.Environmental chemistry 4.Industrial Chemistry 5. Chemistry & Technology of Polymer	Chemistry & Technology of Polymer
3	Commerce	Managerial Economics and Marketing Management E-Commerce And quantitative Techniques	1. E – commerce; 2.Human Resource Management; 3. Basic Accounting	1. Finance; 2. Banking and Insurance 3. Co- operation; 4.Computer applications	Co- operation
4	Economics	History Politics	1.Basic principles of Economics; 2. International trade and finance 3. Banking	1. Gender Economics 2.Health Economics 3. Economics of business and finance	Economics of business and finance
5	Electronics	Mathematics Computer applications	1.Computer Hardware 2. Digital Fundamentals 3. Electronics Fundamentals	Principle of VLSI Embedded Systems Microwave and Radar Engineering	Microwave and Radar Engineering
6	Geography	Geography and Resource Management Statistics	1.Physical Geography 2.A Geographical Appraisal of Natural heritage Management 3. Fundamentals of Remote Sensing	1. Introduction to Disaster Management	Natural hazards & Disaster Management
7	History	Economics Politics	1.Heritage studies 2.History of ideas 3.Historical Tourism	1.Principles and Methods of archaeology; 2.History of human rights movements; 3.Intellectual history of the world;	History of human rights movements
8	Malayalam	Sanskrit Kerala Patanam	1.Natakapatam 2.Sthree Patanam	1.Cybermalayalam; 2.Vivarthanam; 3.Navasamskarapatanam	Cybermalayalam

			3.Chalachitra patanam	gal	
9	Mathematics	Statistics Physics	1.Mathematics for Physical Sciences 2.Mathematics for Natural Sciences 3.Mathematics for Social Sciences	1.Graph Theory; 2.Linear Programming and Game theory 3.C programming for mathematical computing	Linear Programming and Game theory
10	Music	Veena Musicology	1.Popular songs 2. Light Classical Compositions 3. Introduction to Carnatic Music	No Electives	
11	Philosophy	Psychology I Psychology II	1. Philosophy of Education 2. Philosophy of Management 3. Manage mental Ethics	1. Philosophy of religion 2.Contemporary issues in Gandhian thought 3.Asian philosophy	Philosophy of religion
12	Physics	Mathematics Chemistry	1.Non-Conventional Energy Sources 2. Amateur Astronomy And Astrophysics 3. Elementary Medical Physics	1.Computational Physics, 2.Nano Science And Technology, 3.Materials Science & Thin Films	Nano Science And Technology
13	Tamil	Tamil	TamilMozhi Katral	Alaival; Arangaviyal	Alaival; Arangaviyal
14	Zoology	Chemistry Botany	1.Human health and sex education 2.Nutrition , Health and Hygiene 3.Applied entomology	1.Applied entomology; 2.Human Genetics 3.Environmental studies	Applied entomology

Sl.No.	Programme	Elective Subjects	Electives Opted
1	M.Com	1.Financial management; 2.Marketing Management 3.Foreign Trade	Finance
2	M.A. Economics	1.Local level planning; 2. Industrial economics 3. Business economics; 4. Demography 5. Health Economics; 6. Research methodology and computer applications; 7. Gender economics; 8. Agriculture economics; 9. Mathematical economics;	Business economics Research methodology and computer applications

		10. Advanced econometrics; 11. Regional economics	
3	M.Sc. Geography	1. Economic Geography 2. Medical Geography 3. Cultural Geography 4. Geography of Tourism 5. Industrial Geography 6. Geography of Water Resources	1. Medical Geography 2. Geography of Water Resources
4	M.Sc. Mathematics	1. Commutative algebra; 2. Algebraic number theory 3. Measure and integration; 4. Fluid dynamics 5. Operations research; 6. Probability theory 7. Computer oriented numerical analysis	Fluid dynamics Computer oriented numerical analysis
5	M.A. Music	1. Semi Classical Compositions 2. Modern Composers 3. Pre Trinity Composers	1. Semi Classical Compositions 2. Modern Composers 3. Pre Trinity Composers
6	M.A, Philosophy	1. Philosophy of Wittgenstein 2. Philosophy of Narayana Guru 3. Philosophy of Marxism. 4. Modern Moral Philosophy 5. Eco-Philosophy 6. Film and Philosophy	1. Philosophy of Wittgenstein 2. Modern Moral Philosophy
7	M.A. Tamil	1. History of Malayalam Literature	

9. Lateral and vertical mobility within and across programmes and courses: The university curriculum that the college currently implemented allows the freedom to complete a programme at different times at different institutes and thus have the freedom of lateral mobility between institutes. Credits earned by a student at one institution are transferable to another. However, more than one programme cannot be studied simultaneously.

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.

No.

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. The college offers Additional Skill Acquisition Programme and a DCA programme of the Centre for Continuing Education. Any regular student of the college is eligible for admission in these courses. Students who are not regular students of the college also can avail these courses.

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?

A centre of the School of Distance Education of the University of Calicut is functioning in the college. However, as per the University regulation, the regular students of the college are not allowed to join for the courses under this stream.

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?

To train the students to approach knowledge with a spirit of enquiry is one of the goals of the institution. The college hopes that disseminating the ideas in the syllabus through the interactive mode of teaching followed by most of the teachers helps in achieving this goal.

Teaching of moral and ethical values, skill development, communication skills, development of empathy, etc., that are visualized in the syllabi are propagated through the Tutorial system and other relevant programmes. The college hopes that through this it could impart value based education to the students and make them self-motivated and socially and politically conscious individuals who would be an asset to the society and the nation.

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 formal and informal feedbacks on curriculum from students and other stake holders are analyzed and they are presented in the university bodies concerned.

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

In addition to the core and complementary courses, the curriculum of all UG programmes has a common course component also. Language and Literature and other relevant common topics are included in these courses. Specific modules on topics such as Environmental issues, Climate change, Gender issues and Human rights are incorporated in the syllabus of the common courses. To supplement the syllabus, the various bodies of the college such as the Women's Cell, Bhoomithrasena etc. conduct seminars on these issues. ICT has been made a compulsory part of Undergraduate education in all programmes.

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

The college has an effective Tutorial system. In addition to one hour in every week, the tutors are willing to spend the zero hour and free hours for the tutorial

purpose. The activities that add the values of education are being incorporated in this system. Group discussions, debates and book reviews are regularly conducted in the tutorial hour. Moral ethical values are also inculcated through the activities of the Women's Cell and the Equal Opportunity Cell. Community orientation and Social Welfare schemes are conducted through programmes of the NSS and NCC, and other CSS activities along with voluntary service schemes.

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

The Placement Cell of the college used to conduct recruitment drives occasionally and also used to send students to the same at other centers. Most of the recruiters in their feedback has pointed out the lack of proficiency in English communication skill among the students of the college. The college has taken up the matter seriously and decided to strengthen the Language Lab of the institution and to conduct remedial programmes in communicative English. This was presented in the university bodies concerned also and since it is a problem faced by most of the colleges, the Board of Studies in English has brought Communicative English as a component of the syllabus.

The college used to conduct computer awareness programme to reduce the digital divide among the students and this was brought to the notice of the bodies concerned and currently ICT is a compulsory course in all UG programmes. Also, there are instances in which the faculty members noticed certain anomalies and brought them to the notice of the university bodies and got them rectified.

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

The feedback received is analyzed by the College Council or by committees constituted by the council. The suggestions which require intervention at the university level are communicated to the university through the members of academic bodies of the university. Some suggestions are also communicated to the Government for further action.

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?

The members of the Academic Council and Boards of Studies actively participate in the design and development of curriculum. The opinions and assessments on the curriculum that transpire during meetings of academic peers help us understand and provide guidelines for further plans including future syllabus revision.

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

The college has a mechanism to get feedback from the students both formally and informally. Apart from the general PTA meeting where the feedback from the stake holders, parents and students are sought and kept open for discussion. Class PTA meetings are also arranged and feedbacks from the parents are also obtained. The college has a large number of alumni and some of them are faculty members also. Platforms where these alumnae meet, such as seminars, workshops, centralized valuation camps and boards of examiners meetings give opportunities to give and get feedback on how the existing curriculum/syllabus is generally perceived across different institutions. The career guidance and placement cell also obtains feedback from recruiters. On the basis of the inferences drawn from the feedbacks, the faculty members, who are members of different academic bodies, present the deficiencies and anomalies (if any) and make sure that these suggestions are considered in the academic bodies concerned.

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.

During the last four years, a PG programme in Economics was sanctioned in the regular stream. Because of the continuous demand from the college, the public and stakeholders the government has asked for the priority list of courses that college would like to introduce in the academic year and the college has submitted the same for introduction of PG programmes in Science and Malayalam. ASAP and the DCA programme of CCEK are two other programmes introduced in the non-regular stream.

Being a government college the introduction of new courses and major redesign of curriculum are subject to government policy and the college has certain limitations regarding the same.

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 admission to various programmes of the college is done through the Common Admission Process (CAP) of the University of Calicut. The University announces the schedule of admission and ensures publicity for the same through the university website and through the print media.

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.

The college has 14 undergraduate (UG) programmes and 7 PG programmes. The admission is made on merit. The candidates have to apply online to the university. All candidates who have secured Eligibility for Higher Studies in the qualifying examination are eligible for admission. This admission is made on the basis of index marks obtained by the candidates. The formula for calculating the index marks differ from subject to subject. These formulae are publicized through the website of the university. While calculating the index mark, in addition to the marks obtained in the qualifying examination, due weightage is given to the extracurricular activities like NSS, NCC, and other activities, undertaken by the candidate.

For admission to UG programme in Music, an aptitude test is also conducted and the mark obtained in the aptitude test is added to the index mark, before preparing the rank list for admission.

The college appoints a nodal officer among the teachers for admission process and informs the university about the number of seats available for each programme and the seats to be reserved for various categories adhering to the reservation policies of the government. University prepares the list of candidates for admission in the college on the basis of the information given by the college. The nodal officer makes sure that there are no inaccuracies in the list and the admission is conducted on the basis of this list.

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.

All candidates who have secured Eligibility for Higher Studies in the qualifying examination are eligible for admission to UG programmes and the minimum marks for admission to various PG programmes are prescribed by the University. Minimum and maximum index marks for admission of the year 2015-16 at entry level are given below

UG Programmes								
Category	General		OBC		SC/ST		BPL	
	Min.	Max	Min.	Max	Min.	Max	Min.	Max
Botany	869	928	773	866	629	767	646	736
Chemistry	936	976	894	936	742	847	730	808
Commerce	1159	1250	1120	1157	1034	1124	1057	1087
Economics	1066	1125	1002	1057	840	1048	849	935
Electronics	838	935	807	827	469	749	694	751
Geography	885	925	841	873	773	883	758	856
History	1020	1120	953	1016	976	991	910	910
Malayalam	1323	1402	1296	1351	1149	1290	1151	1211
Mathematics	902	936	869	899	550	831	633	781
Music	867	1201	857	865	778	834	**	**
Philosophy	951	1046	916	945	689	894	794	794
Physics	935	981	880	930	634	841	603	662
Tamil	1066	1354	931	967	980	1056	732	732
Zoology	885	941	833	883	758	819	862	862

PG Programmes								
Category	General		OBC		SC/ST		BPL	
	Min.	Max	Min.	Max	Min.	Max	Min.	Max
Commerce	957.3	996.9	923.7	947.5	723	928.4	899.9	899.9
Economics	927.2	982.8	895.7	921.1	651.8	914.5	719.2	789.9
Geography	894.7	1001.5	878.9	880.0	859.6	880.2	863.3	863.2
Mathematics	961.9	1042.2	760.4	932.7	619.3	782.1	800.8	803
Music	728	961.3	711	723.4	643.4	715.3	**	**
Philosophy	869.93	916	802.6	825	845.2	845.2	850.9	850.9

Tamil	781.7	1062	756.9	794.6	720	732.5	**	**
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2.1.4. Is there a mechanism in the institution to review the admission process and student profiles annually? If ‘yes’ what is the out come of such an effort and how has it contributed to the improvement of the process?

The admission committee of the college makes sure that the list of candidates provided by the university is error free and is prepared adhering to the reservation norms of the government. Students are admitted to each programme from the list after careful scrutiny of their credentials and qualifications.

The profiles of students admitted to each programme are collected at the beginning and are scrutinized in the department concerned, especially by the tutor which help in identifying their skills and interests. The students are encouraged to excel in their areas of interest and assessed at the end of the academic year.

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

Upholding the spirit of the constitution of the nation, genuine concern for equity to marginalized categories is followed in the admission process of the college. This is accomplished by following the reservation norms of the government. The percentage of seats reserved to various categories is listed below:

Sl.No.	Category	Percentage	
1	SC	15	
2	ST	5	
3	OBC	Ezhava	8
		Muslim	7
		OB Hindu	3
		OB Xian	1
		LC/SIUC	1
4	BPL (Forward Community)	10	
5	Linguistic Minority	5	
6	Differently abled	1 additional seat in every programme	

There is no separate reservation to women students. However, nearly 80 percent of the students getting admitted to various programmes are girl students. In addition, depending upon the demand, one additional seat is created in every programme for students from Lakshadweep.

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.

Being a college that caters to the needs of students of a large geographical area, the demand of seats is very high in every year. In many programmes, the number of applications received is more than fifty times of the sanctioned seats. Therefore the college asks for marginal increase of seats as far as possible. Also, the college strives to start more PG and UG programmes in the institution, and proposals are forwarded to the university and government every year. The demand of seats in the year 2015-16 is given below. Every year the demand of seats is more or less the same.

UG Programmes (Details of demand of seats)				
Programmes	Numberof applications	Sanctioned Strength	Demand Ratio	Additional seats created
Botany	1873	27	69: 1	3
Chemistry	2345	27	87: 1	3
Commerce	3642	60	61:1	0
Economics	3749	53	71:1	7
Electronics	980	27	36: 1	3
Geography	1283	28	46: 1	2
History	2236	33	68:1	2
Malayalam	2046	28	73:1	2
Mathematics	1571	27	58:1	3
Music	163	23	7:1	7
Philosophy	718	38	19:1	2
Physics	2307	27	85:1	3
Tamil	114	23	5:1	7
Zoology	1827	27	68:1	3

PG Programmes (Details of demand of seats)				
Programmes	Numberof applications	Sanctioned Strength	Demand Ratio	Additional seats created
Commerce	593	15	40:1	5
Economics	245	20	12:1	0

Geography	40	12	2:1	3
Mathematics	184	15	12:1	5
Music	13	15	1:1	5
Philosophy	165	15	11:1	5
Tamil	15	15	1:1	5

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?

The institution always shows a favorable attitude towards differently-abled students by providing them maximum facilities in the college as well as in the hostel. In every programme of study one seat is reserved for them. If there are more eligible candidates, the college takes initiatives to get them admitted with the concurrence of the university.

Classes are arranged for them in convenient places as far as possible. Counseling is given to them by qualified people and also special computer classes, ramps are provided to blind students under the HEPSN programme.

Government scholarships are made available to the differently-abled and necessary arrangements like the assistance of scribes during examinations are made available to them.

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.

The levels of the social, economic and academic background of the newly admitted students to various programmes are always different and so interms of knowledge and skills it is a heterogeneous group.

From the profiles collected from the newly admitted students and through informal counseling, the department and the tutor identify the knowledge and skills of the slow learners of the class. Although, it makes some uneasiness for the advanced learners, the college insists the teachers to begin the topics from a point where even the slow learners can conceive the ideas. The subjects in which normally students perform badly are identified from the result analysis of the previous years and special coaching sessions are conducted in these subjects under Scholar Support Programme (SSP). An orientation program is conducted at the department level to educate all the enrolled students about the programme and the facilities available in the institution. They are also given guidance and are motivated by providing additional learning material such as text books and question papers of previous examinations.

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?

Normally the topics are taught in the classes from a point where a slow learner can also follow the ideas. However, if there are very weak students they are given special care and in the beginning of the course of study they are trained separately to bridge the gap.

Through the SSP, slow learners get the opportunity to undergo additional training in difficult subjects. Further, informal and formal remedial teaching sessions are provided in the college.

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

Specific modules on issues like Gender and environmental are incorporated in the common courses that are taught to all UG programmes. Further, the programmes conducted by the Women's cell and equal opportunity cell sensitize these issues. The counselor who visits the college regularly identifies the problems faced by the students and reorganizes them to a certain extent. Also, the Bhoomithrasena club is effectively implementing various programmes that sensitizes environmental issues.

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

The college offers INFLIBNET facility supported by high speed internet connectivity and there is EDUSAT centre also. The advanced learners are encouraged to make use of them to enhance their exposure to the recent developments in their subjects concerned. Through the wall magazines maintained by the department associations and through the college magazine they get opportunity to present their creative talents in writing.

They are persuaded to take part in the interactive sessions of expert speeches by eminent academicians conducted in the college and in the nearby institutions. They are encouraged to take part in programmes like quiz, enrichment programmes in the subject etc., in the college and outside.

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)?

The departments keep the attendance register of the students and the tutor periodically verifies the same. The students who are in the danger zone are identified and the department provides all possible support to them through counseling. If necessary, the problems are discussed with the parents in the class PTA meetings.

Individual academic support if necessary, and in some cases financial support are also arranged to them.

If a student is unable to attend the classes for a long time, due to reasons beyond his/her control, he/she is advised to avail the repeat semester facility provided by the university

2.3. Teaching-Learning Process

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

The college organizes all academic programmes in tune with the academic calendar provided by the University of Calicut. The schedule of the various components of the continuous assessment such as students' seminars, unit tests and assignments are decided by the individual teachers. Faculty members are advised to maintain work diaries and update it daily. Attendance of the student, which is a component of the continuous evaluation, is recorded every hour. This is reviewed weekly and consolidated at the end of the semester. Planning and preparation are done for laboratory works also on the basis of the academic calendar. Charts and procedures for all the experiments are prepared and made available to students. Towards the end of each semester, the internal grades are published and complaints received, if any, are rectified and forwarded to the university. The final evaluation of students, through theory, practical and viva voce examinations, is done by the university according to the university schedule.

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

To improve the teaching- learning process in the college in tune with the recent developments and the goals of the college, IQAC has taken initiatives in the following aspects

- Improving the teaching quality especially by providing ICT facilities in all departments
- Subscribing to INFLIBNET and installing EDUSAT facility
- Arranging seminars and invited talks by eminent academicians to update the teachers and students with the recent trends in the concerned subjects.
- Arranging skill development in teaching process.
- Encouraging teachers to take up research projects

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?

The curriculum revision and grading system have enabled a paradigm shift in the teaching learning process in the recent years. The collaborative learning potential of the students are enhanced through the group assignments and project works. Students are given freedom to choose topics for project works and seminar presentations. Presentations by the students open up opportunity for interaction with the teachers as

well as among themselves and a platform for participatory evaluation. Students are encouraged to make presentations with the help ICT facilities

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?

One of the goals of the institution is to make the students to learn with the spirit of enquiry. In tune with this goal, most of the teachers of the college are following an interactive way of teaching and always encourage students to open up their views and questions and thus encouraging their thinking capability. Students are encouraged to take up project works according to their taste and potential and to pursue studies on the same with the supervision of a guide. Some departments have included field studies and surveys and the students get motivated in the scientific way of data collection and analysis through them. The practical sessions, which promote learning through experiments, and the programmes of the Bhoomithrasena foster scientific temper among the learners.

The annual magazine of the college with a student as editor and a staff member as the chief editor publishes the creative writings of the students. Further, most of the department associations maintain wall magazines and these are also outlets for the students to express their creativity.

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.

For ensuring effective learning experience, the teachers of the college use both the conventional teaching aids like chalk-board system and electronic teaching aids. All the departments and library have OFC connectivity of the NME-ICT scheme. Also, EDUSAT streaming is utilized by departments. Every department is equipped with laptops, DLP projector and interactive board and uses them while offering core subjects

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

At least one class room in every department is equipped with interactive white board and DLP projector. Both face to face teaching and lessons and visuals using ICT equipment are used. Also visuals of lectures by great academicians and scientists are presented before the students by some departments. The college has OFC enabled internet connectivity and teachers and students can access them freely in all departments. If students require more time in the internet for their reference purpose, they can access the internet in the internet lab at a small fee. Faculty members participate in regional/ national/international seminars in their respective fields, and new information gathered from there are disseminated to the student community. The

national/ regional seminars and extension lectures by eminent people conducted in the departments give the students opportunity to listen to and interact with the subject experts. Students are also given opportunity to present their findings in the seminars.

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

The college offers different programmes that give academic and psychological support to the students. Scholar support programme, ASAP, Career Guidance and Placement Cell, Women cell, Counseling Cell, Equal Opportunity Cell, Coaching classes for Entry in to services, Remedial classes etc are prominent among them.

Scholar Support Programme

The Scholar Support Programme, part of the ‘New Initiatives in Higher Education’ initiated by the Department of Higher Education, Govt. of Kerala aims at imparting additional support to students in curricular areas of weakness. Personalized additional support to students Tutorials, Study materials, Additional Lectures, Question banks and Interactive sessions are provided in this scheme to selected students. Although these facilities are provided to a limited number of 50 students, more students used to attend the classes in this programme.

Year	Number of students benefitted
2012-13	60
2013-14	120
2014-15	180
2015-16	180

Additional skill acquisition programme (ASAP)

Government of Kerala has initiated an ambitious programme, the Additional Skill Acquisition Programme (ASAP) with the objective of tackling the issue of growing unemployment in the state. The programme aims at equipping selected school/college students with skills in Communication, IT and selected areas of industry and service sectors. The college is a nodal centre of ASAP

Year	Number of students benefitted
2012-13	30
2013-14	60
2014-15	60
2015-16	60
2016-17	61

Walk With a Scholar programme

Walk with a scholar is a new initiative started in the Academic Year 2012 under the sponsorship of directorate of Collegiate Education, Govt. of Kerala in Govt. Colleges and later initiated in Aided colleges also. This programme aims to conduct mentoring session for the students of UG classes for providing personal attention leading them to their personality and overall development.

Year	Number of students benefitted
2012-13	30
2013-14	60
2014-15	90
2015-16	90

Career Guidance and Placement Cell

Career and counseling unit of the college has been organizing various programmes for the benefit of students. It mainly provides personal guidance to the approaching students and organizes orientation programmes that update students on the changing job scenario and organized training sessions on soft skills and interview techniques with a view to preparing students.

The cell also helps the students in attending various recruitment programmes held at different centers.

Year	Companies	Number of students attended
2013-14	ICICI, Aptech Education, GNIIT	260
2014-15	Time Palakkad, CAS Institute Palakkad, Eureka Forbes, Mathrubhumi Publications	171

Equal Opportunity Cell

As part of UGC merged scheme, an Equal Opportunity Cell is functioning in the college to provide the necessary academic and intellectual support to the students coming from the under privileged section of the society and the minority communities. The cell has organized nearly 12 programmes excluding counseling by a professional counselor during the last 4 years

Year	No. Programmes	Number of students attended
2012-13	3	310
2013-14	4	270
2014-15	5	395
	Counseling	12

Coaching classes for Entry into Services

Using the fund received under UGC merged schemes, coaching for students, belonging to non creamy layer category of backward classes and minorities were conducted in the college, to face various union and state public service examinations. Teachers and experts from various organizations are providing their service under this scheme. The details of the number of students attended and the number of students benefitted are given below

Year	Number of students attended	No. of students benefitted
2011-12	75	6
2012-13	75	8
2013-14	-	-
2014-15	100	9

Women's cell

With the goal of empowering the women of the college, the women's cell of the college conducts various programmes like debates, invited talks, seminars etc. giving

stress to cross cutting topics like gender issues and environmental issues. Legal awareness is another area in which discussions are organized. Trainings and courses held by various agencies for women empowerment were attended by women cell programme coordinators of college. The cell also takes initiative to address any problems faced by the women of the college.

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?

In tune with the changes that are being taking place in the field of higher education the college is also taking efforts to keep the pace with the innovative teaching learning process. Some of the measures adopted by the college in this direction are mentioned below:

- Teaching learning process is shifted from teacher centered to student centered
- Students are encouraged to submit their projects online.
- Students are motivated to access digital learning materials and INFLIBNET and National digital library.
- The ICT enabled teaching learning process has been started

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

The college library stack is about eighty thousand and the college is subscribing to several journals and periodicals. Because of spatial limitations in the general library, subject books are kept in departments and issued from there only. The general library is having adequate books and periodicals for easy reference. The college is also subscribing to INFLIBNET and nearly 3000 journals and thousands of books can be accessed through it.

New books are added to the library every year. Students and teachers access books and journals easily and they are used by faculty members and to augment the knowledge base.

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.

Yes. The college follows the Choice Based Credit and Semester System. Every semester is designed to complete in 90 days. The programmes of each semester are tightly scheduled and any loss of regular class will tilt the system. Although there are very few occasions in which college lost classes in the recent past due to students' unrest, there are occasions in which the college loses regular classes due to reasons beyond its control. Nevertheless, by arranging additional classes on Saturdays and extra hours on regular working days, the college has the practice of covering the syllabi to the students' satisfaction

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

The teaching – learning process of the college is mainly monitored by the heads of the departments and the principal. The teachers are advised to record the work done by him/her in the teacher's diary. The heads of the departments assess the process periodically and ensure that the portions are covered in the stipulated time frame. The feedbacks from the students are collected and analyzed by IQAC. IQAC, through the principal, informs the concerned teachers about the fields in which they are to be improved. The feedbacks collected from the parents in the class PTA meeting also help the teachers.

2.4. Teacher Quality

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

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
PhD	-	-	1	-	21	10	32
M.Phil	-	-	-	-	2	10	12
PG	-	-	2	-	22	23	47
Temporary Teachers							
PhD						1	1
PG					1	5	7

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 out come during the last three years.

As most of the teachers in the college are in the beginning of their career with five to six years, the college faces the difficulty of the lack of experienced teachers in teaching new subjects in recent days. However, this has been overcome to a certain extent by the teachers by getting experienced through the Refresher courses, Orientation courses, Workshops, Seminars and through the FLAIR programmes conducted by various academic bodies. Also, the college has permanent staff in both Computer

Science and Electronics and faces little difficulties in dealing with the subjects like IT and some teachers are well versed with the topics like Bio Technology as a part of their research.

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

Academic Staff Development Programmes	Number of faculty nominated
Refresher courses	19
HRD programmes	
Orientation programmes	34
Staff training conducted by the university	5
Staff training conducted by other institutions	20
Summer /winter schools,work shops,etc.	12

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

Programme	Number
Teaching learning methods /approaches	3
Handling new curriculum	1
Content/ knowledge management	
Selection,development and use of enrichment materials	
Assessment	1
Crosscutting issues	5
AudioVisual Aids/multimedia	2
OER's	
Teaching learning material development, selection and use	2 (To equip teachers Smart Board use in class)

c). Percentage of faculty

Programme	Percentage
Invited as resource persons in Workshops /Seminars/	4

Conferences organized by external professional agencies	
Participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	52
Presented papers in Workshops /Seminars /Conferences conducted or recognized by professional agencies	5

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.)

Study leave is provided for pursuing Doctoral and Post-Doctoral studies. Apart from the FIP programme of the UGC, the teachers can avail the commuted/half pay leaves in their credit for the same without losing their salary. Another 10 days of duty leave is provided in an academic year to all academic staff members to attend academic sessions at centers outside the college. Teachers are encouraged to take up research projects with funds from various agencies like UGC, DBT, DST, ICHR etc. and they have the freedom to publish their research findings.

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.

The college always encourages its faculty members to excel in their specific areas of teaching. As most of the teachers are in their beginning of their teaching career, at present, there are no faculty members who received such recognitions for excellence in teaching and as some of the teachers are talented enough to receive such recognitions, the college hopes that they will be bestowed with the same in the future.

In addition, several teachers in the college are involved in research, public writing, and community services and some of them already have received laurels in such fields. Dr. Sarin.V.P of the Electronics department has received the young scientist award in the Regional Radio Science conference organized by INSA/URSI at Pune, 2014. Smt. Dhanalekshmi of the Music department has received *Chembai* award for the young artist of the Government of Kerala. Sri. N. Manoharan of the Tamil department has received the Bhasha Bhushan Award – for best translation of the journal *Nally Thisai Ettu*, G. Kathiravan also of Tamil department has received *Tamilnithi* – for Good Tamil Scholar- award instituted by *Chennai Kampan Kazhakam* and *Bharatheeya Vidya Bhavan*

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

Yes. The feedbacks are taken from all final year students and the responses are kept confidential with the IQAC. The principal and the heads of the departments

discuss the same with the concerned faculty to spot the slips in the pedagogic duties. Logical suggestions are taken into consideration by the faculty members. In addition, the suggestions of the students in the informal discussions by the tutors are considered while assigning teaching duties and dividing topics.

2.5. Evaluation Process and Reforms

2.5.1. How does the institution ensure that the stake holders of the institution especially students and faculty are aware of the evaluation processes?

The evaluation process, both internal and external, are informed to the students before beginning the classes; the various components are explained to them and the importance of following the methodology is also explained. Class tests and assignments are conducted as per university calendar and the results are published on the notice board. Students are also individually asked to meet the concerned tutors and their signatures are obtained while providing the final internal assessment grades.

Every department library has a collection of previous year university question papers and students are directed to make use of them while preparing for the university examinations.

Whenever there is change in the evaluation strategies, university informs the same to the college, and if necessary, conducts workshops on the same at selected centers.

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

Choice Based Credit and Semester System (CBCSS) with grading system is introduced by the university and the college follows the same. Continuous evaluation is the integral part of the system. Depending upon the performance of the student in the college, twenty percent of the total score of each course is awarded by the college through the continuous evaluation process in each semester. The grades obtained by the students are displayed in the notice board and if any error is occurred, rectifications are done. Grievances regarding, if any, are addressed by the departmental grievance cell consisting of the Head of the department and a senior teacher. If complaints still persist, the students can approach the college grievance redressal cell with the principal as the chairman and CBCSS Coordinator as a member.

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 nominates a member of the staff as the CBCSS Coordinator to advice the students and teachers in matters related to continuous evaluation and the grading system. The evaluation reforms are implemented promptly and the faculty members continuously evaluate the performance of students strictly adhering to the rules of the University. The heads of the departments monitor the continuous evaluation process in association with the CBCSS coordinator.

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.

Every student of the college is under the tutorship of a teacher and the tutor, along with the teachers handling various programmes, helps the student to identify his/her weaknesses and strengths and help him to excel in his fields of strengths. Further, through the student support programme (SSP) and through informal and formal remedial coaching, the college helps him/her to improve in the areas of weaknesses.

The students are evaluated through class test papers, assignments and student seminars on specific topics and through a model examination conducted at the end of the semester. The students are mentored and corrected based on the results

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 over all development of students (weightage for behavioral aspects, independent learning, communication skills etc.

The performance in seminar presentations and assignments, the percentage of attendance secured and better of two (at least) class test grades, constitute the components for awarding internal grades. A minimum of seventy five percentage of attendance is required for attending the university examinations and the Attendance and Progress Certificate of the students are forwarded to the university before the commencement of external examination

Timely submission of assignments, communication skill in the presentations, behavioral aspects etc. are taken into account while awarding the internal grades. Further, certain skills of the students that cannot be measured in external examinations such as short film making in the subject of film studies, performance in local *sangeetha utsavas* and youth festivals of music students, skill in data collection and surveys and identification of bio diversity aspects etc. are also reflected in the award of internal grades.

Internal grades are displayed on the notice boards to assure transparency and correctness and the hard copy is signed by every student before they are forwarded to the university.

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?

Government College, Chittur is one of the oldest colleges in the district. Rather than a limited aim of memorizing and rote-learning, the college envisages to train the students to approach knowledge with a spirit of enquiry. UG students are supposed to be thorough with the basics of the discipline on completion of the programme for achieving the goal. The college believes that the curricular and co-curricular programmes designed by the college in tune with the requirements of the assessment

develop the outlook and personality and will make the students self-motivated and socially and politically conscious individuals who would be an asset to the society and the nation.

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

In the college level, if a student is not satisfied with the internal grade awarded to him, first he has to approach the concerned teacher and if he is not convinced, the next level is to approach the departmental grievance redressal cell consisting of the head of the department and a senior teacher. After this, the student can approach the grievance redressal cell of the College that comprises the Principal, head of the department, and student coordinator. Lastly, the student can approach the university redressal committee with the Pro-Vice chancellor, Chairman of the postgraduate/undergraduate board of studies/subject expert nominated by the Vice-Chancellor, Controller of examinations and the Convener of the Examination Standing Committee as members. For grievances regarding the external examinations at the university level, a student can apply for reevaluation of any paper within ten days of the official publication of the result and the process is carried out by the university.

2.6. Student performance and Learning Outcomes

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

Yes. The learning outcomes, obtained through the various components of the process of continuous evaluation of the internal assessment, measured in grades acquired by students are displayed on departmental notice boards and they are given the chance to improve their grades. The result analysis of university examinations is done by the administration division and is communicated to the faculty members and the final score cards are distributed through the departments. Class PTA meetings are held in the departments and these outcomes are passed on to the parents too.

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 progress and performance of students are closely monitored by the concerned departments. The internal test papers, assignments, the attendance of the students and their presentation skills are taken as the indicators of the progress and performance. The weaker students are identified by the departments and if necessary special attention is given to them to improve their performance. Class PTA meeting is conducted and the performance of the students are explained to the parents also.

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

The teaching, learning and assessment strategies of the institution are structured on the basis of the academic calendar of the university. The time table committee prepares the master time table of the college in consultation with all departments to avoid overlapping of classes of the interdisciplinary courses. In tune with the master time table, the departments prepare the departmental time table. The valuation and teaching of interdisciplinary courses between various departments are coordinated by the college council to ensure optimum results.

The departments allocates the hours allocated to it equally among the members. Subjected to the constraints such as available time, portions to be taught, evaluation process and availability of technical support etc., the individual teacher prepares a teaching plan to follow in that semester and the details of work done on each day is recorded in the teacher's diary.

Evaluation is accomplished as per the criteria laid down by the university such as assignments, seminars, test papers and attendance. The clarity of ideas conceived, the presentation and communication skills and knowledge depth etc., are assessed through the different components of assessment.

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?

To develop research aptitude and innovative skills among the advanced learners challenging projects works are assigned to them. The various surveys and their analysis also help students to enhance their spirit of enquiry. Visits to geographically and historically important places as a part of study tour are carried out for the benefit of the students.

The NSS and other cells like Bhoomithrasena set a model to the society through their programmes that are useful to the society. The career guidance cell of the college updates students on the changing job scenario and organizes training sessions on soft skills and interview techniques with a view to preparing students. The students are informed about the recruitment programmes conducted at other centers and the cell makes arrangements for the students to attend them.

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

The college has a tutorial system and every student of the college is under the ward of a tutor. The tutor collects the comprehensive biodata of the students containing the academic, social, economic back ground of every student immediately after they are admitted. Through these profiles, the teacher/tutor identifies the academically backward students and suggests corrective measures through personal interactions. This has been found to be motivational to the students to a certain level.

Through the assessment programmes that are conducted in the classes, the teacher classifies the students according to their learning skills. The gap between the skills that the slow learners actually possess and the required is bridged through the formal and informal remedial programmes and also through the scholar support programme. Tutors always find time to spot and resolve the factors that slow down the academic progress of the slow learners.

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

On the basis of the skills achieved, grading is awarded to the students. The college believes that the continuous assessment of the students is the key factor behind the achievements of the learning outcomes of the students of the college. In addition, the exposure obtained through the various curricular and co-curricular activities are helpful in achieving learning outcomes. The results obtained in the university examinations and the high ratio of students pursuing higher education indicate the achievement of the desired learning outcomes.

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. The college offers programmes of different disciplines ranging from Electronics to science, performing arts, to linguistics and humanities. The learning levels of all the three categories such as knowledge level, skill level and affectionate level are measured to assess the learning level depending on the programme. The assignments, seminar presentations and test papers are considered as indicators of internal assessment. The timely submission of assignments, attendance, scores achieved in the test papers and seminars are also considered for the award of grades. Besides, the academic skills, the skills of music students in music performances, the skill of language and linguistics students in creative writing, the skills of science students in the experiments etc. are always taken into account while awarding the internal grades. The college believes that the components involved in the evaluation system are suited for assessing the different programmes which are drastically different in nature. Also, the college has no hesitation in changing the strategies depending upon the outcomes of the learners in particular courses.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

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

Yes. The college has research centers in the following disciplines and all are affiliated University of Calicut.

1. Mathematics
2. Music
3. Philosophy
4. Tamil

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

Yes. College has a research committee consists of 5 faculty members. This committee, reviews the research proposals to be submitted to various funding agencies such as UGC, and recommends to the principal to forward the projects to the various funding agencies. The number of proposals submitted by the faculties of the college is increased by the timely intervention of the committee. As per the recommendation of the research committee, the college started an inter - disciplinary initiative, which consists of all the faculties of the college and discuss their research works, latest development in their respective fields.

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: Full autonomy as per the guidelines of the funding agencies is given to the principal investigator

§Timely availability or release of resources: Even though the college has no funds available for the research projects, it releases the fund received from the various funding agencies at the earliest.

§Adequate infrastructure and human resources: Even though the space is a problem, the college, whole heartedly supports those in need of human resources strictly following the rules and regulations.

§Time-off, reduced teaching load, special leave etc. to teachers: The institution adheres to the rules and regulations of UGC and Government of Kerala, and all the researchers are given times as per the regulations.

§Support in terms of technology and information needs: A high speed (10Mbps) Optical Fiber Cable is currently installed in the main computer lab and is connected to

the entire college via intranet, which helps the faculties to a major extent. The subscription of INFLIBNET also helps a lot.

§Facilitate timely auditing and submission of utilization certificate to the funding authorities: The auditing of the projects (other than state government) is done by an external auditor, and the utilization certificate is submitted to the respective agencies through the proper channel, at the earliest.

§Any other: An interdisciplinary forum started in 2014, meets once in a week, and provides a platform for the teachers to discuss their research activities and exchange of ideas.

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

As part of the curriculum, all the students have to undertake projects both in UG and PG courses. They are given novel topics outside the syllabus so that they will be exposed to the latest trends in the respective subjects. PG students are encouraged to attend seminars, conferences, workshops conducted by the neighbouring colleges, so that they can meet the experts of their subject area which encourage the students to do research.

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.

Currently four PG departments, Mathematics, Music, Philosophy and Tamil are research departments of University of Calicut, of which department of Mathematics department got this status very recently. 3 faculty members of department of Tamil are research guides, 3 faculties from Mathematics department, 1 from Music department have applied for guideship. Two faculty members of department of Mathematics are principal investigators of Major Research Projects supported by Kerala State Council Science Technology Environment of Government of Kerala and Science Engineering and Research Board (SERB) of Government of India. One faculty member from the Department of Chemistry is a Principal Investigator of a Major Research Project of Science Engineering and Research Board (SERB) of Government of India. Other than these, almost all the faculty members are engaged in research activities, and many of them are supported by the funding agencies like UGC, NBHM etc. Apart from the above, faculty members from Electronics, Geography are engaged in research activities either individual or collaborative.

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 imbibing research culture among the staff and students.

Seminars	62
Workshops	17
Conferences	1
Invited lectures	86
Exhibitions	2

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

Department	Research Areas
Botany	Mycology, Plant Physiology & Env. Science, Plant Taxonomy, Lichenology
Chemistry	Organic Chemistry, Inorganic Chemistry
Commerce	Financial Management, Finance, Marketing, Accounts and Taxation, Cooperation
Economics	Environmental Economics, Industrial Economics, Health Economics, Financial Economics, Rural Economics, Agricultural Economics, Environmental Economics
Electronics	Microwave Electronics
English	South Asian Studies, Film Studies, Translation Studies, British Fiction, Diaspora Literature
Hindi	
History	Medieval Kerala
Mathematics	Algebra, Graph Theory, Stochastic Processes, Fuzzy Mathematics, Stochastic Differential Equations
Malayalam	Poetry and Drama, Grammar and Linguistics, Language and Literature, Linguistics, Modern Literature, Criticism
Geography	Medical Geography, Natural Heritage Management, Landscape Conservation, Watershed Management, Spatial Mapping and Planning
Music	Vocal
Philosophy	Advaita Vedanta, Postmodernism, Philosophy of Mind, Ethics,

	Comparative Philosophy
Physics	Physics
Tamil	Folklore, Modern Literature, Sangam Literature, Grammer, Bakthi Literature. Ethic Literature, Epic Literature, Ancient Literature, Criticism, History of Tamil, Modern Literature, Translation
Zoology	Biotechnology, Biochemistry, Entomology

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

The institution regularly conducts seminars, workshops, conferences under the sponsorship of Government of Kerala or similar funding agencies like UGC. Special attention is given to invite eminent personalities as special invitees/resource persons, which enable to arouse curiosity among the students and faculty of the college.

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?

There is no such provision for the faculty members of this college.

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 research committee encourages the faculty to do research, and publish in standard journals. The research articles published by the faculty/researchers are displayed on the notice board of the respective departments. The list is also available in the college website.

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.

Other than the fund allocated by the Government of Kerala for conducting seminars, workshops or similar activities, there is no provision for research funding in a Government Colleges. For research funding, the faculty applies individually to the agencies like UGC, DST, KSCSTEC and NBHM.

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 such provision.

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

Though there is no provision available to support student research project as part of their curriculum, some of the students as part of their INSPIRE scholarship of DST, have undergone projects and submitted to DST. From 2015 onwards the Government of Kerala has introduced a scholarship Scheme "ASPIRE" for the students to have an exposure to National Level Research institutions and to interact with eminent scholars, thereby enabling regular PG/M. Phil/Ph. D students to do short term research projects in reputed institutions other than their parent colleges. The Scholarship Cell, encourages the students concerned to apply for the scheme.

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

The inter-disciplinary initiative of the institution, is widely accepted among the members of the faculty. Each week, the faculty members meet and discuss their research areas. Most of the faculties attend the programme enthusiastically. A research paper has been published by faculty members of Botany and Geography as a collaborative inter disciplinary research strategy.

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

College encourages the sharing of research facilities like instruments, expertise etc. The department lab facilities are open to students of other departments for an inter disciplinary research activity under the guidance of a staff.

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.

Department of Science and Technology of Govt. of India, is supporting the Science PG departments under their FIST programme. An amount of 97 lakhs is sanctioned for the same.

Science Technology Environment Council of Kerala supports department of Mathematics under their SARD programme and an amount of 12 lakhs is sanctioned for the same

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

Sl. No.	Name of PI	Duration		Title of Project	Name of Funding Agency	Total Grant		Current Status
		From	To			Sanctioned	Received	
1	Prasad K	02-04-2016	02-04-2018	Health care and regional disparity of Palakkad district-Kerala	UGC	30000	17500	Ongoing
2	V Govindan Kutty	03-04-2016	02-04-2018	Mapping Historic Qanat System Landscape of Bidar-Karnataka	UGC	50000	27500	Ongoing
3	Dr. Muthulakshmi G	03-04-2016	02-04-2018	A Comparative Study of Creative Literature in Tamil and Malayalam with Special Reference to Bharathiyar and Kumaranashan	UGC	60000	40000	Ongoing
4	Dr. Muthulakshmi G	2015	2016	The Sangam Traditions in Lives of Tribes of Coimbatore District	CICT, Chennai	250000	250000	Ongoing
5	Dr. Lakshmanan MP	25-04-2016	25-04-2018	MISSELLING PRACTICES IN LIFE INSURANCE INDUSTRY IN KERALA	UGC	80000	70000	Ongoing

6	Prasad M G	04-02-2015	04-02-2017	Changes in Cropping Pattern and Health Problems of Tribals: A Case Study of Attapady, Palakkad District	UGC	100000	55000	Ongoing
7	Pradeesh K	29-07-2015	29-07-2017	Corporate social responsibility practices of private sector banks in Kerala	UGC	125000	92500	Ongoing
8	Lt. Dr. Rijulal G	04-02-2015	04-02-2017	Effects of Pesticides Used in Paddy Fields: A Comparative Study	UGC	500000	400000	Ongoing
9	Dr. V. V. Giri	15-02-2014	15-02-2016	Navarathnakruthis of Muthusvamidikshitar	UGC	115000	102500	Completed
10	Dr. Sreejith M Nair	28-03-2014	28-03-2016	Design and Development of Chipless RFID Tags for On-Touch Data Transfer Applications	UGC	140000	115000	Ongoing
11	Dr. Nishamol M S	28-03-2014	28-03-2016	Design and Development of Compact Wideband Microstrip Antennas for Wireless Communications	UGC	155000	125000	Completed

12	Dr. C Srinivasan	08-07-2014	08-07-2016	Computational Algorithmic Graph Theory and Random Graphs	KSCSTE	1128600	1078000	Ongoing
13	G.N. Prasanth & Mary Shallet	01-0-2016	30-06-2019	A Study on axiomatic characterizations, convexity and distance related problems on graphs and its products and, Graphs arising from Rings	SERB	6,60,000	286670	Ongoing
14	Dr. Stephen Sequeira	28-03-2014	28-03-2016	Unraveling the morpho-anatomical characterization of epiphytic lichens on Coconut and Arecanut trees of Ernakulam	UGC	80000	64000	Ongoing
15	Sindhu S	23-09-2013	23-09-2015	Wireless Sensor Based Network for Determination of Wellness of Elderly People	UGC	200000	162500	Completed

16	Dr. Bindu Velsar	29-03-2013	29-03-2015	Manaveeya Sambandhom Ke Badalthe Roop - Surendra Varma Ke Upanyasom Mein	UGC	120000	105000	Ongoing
17	Anjana V R	23-09-2013	23-09-2015	Curriculum Based Folklore Studies in Universities of Kerala	UGC	80000	65000	Completed
18	Dr. Sarin V P	23-09-2013	23-09-2015	Investigation on Broadside and Endfire Radiation Characteristics of Diploe, Monoploe and Microstrip Antenna	UGC	200000	200000	Completed
19	K Baby	2010	2012	Economic Analysis of Solid Waste Management with special reference to Palakkad Municipality, Kerala	UGC	80000	80000	Completed
20	Smitha P	02-04-2014	02-04-2016	Performance of Cotton Textile mills in Kanjikode	UGC	95000	70000	Completed

21	Dr. Vanaraj V	23-09-2013	23-09-2015	A Study on the Role of Self Groups in Women Empowerment in Palakkad District	UGC	75000	57500	Completed
22	Sheeba K	28-02-2012	28-02-2014	A Study on the Construction of Masculinity in Malayalam Movies	UGC	100000	100000	Completed
23	Prasad P	29-10-2012	29-10-2014	HR Practices in Teaching Community	UGC	130000	130000	Completed
24	Dr. Jayarajan K	13-07-2012	13-07-2014	Medico Geographic Analysis of HIV/AIDS in Kerala: A Case Study of Palakkad District	UGC	140000	140000	Completed
25	Balashubramanian V	10-02-2011	10-02-2013	Satyadarsanam revolutionary Idea of Narayana Guru.	UGC	80000	55000	Completed
26	Dr. K P Ravichandran	03-11-2011	03-11-2013	Language Study Approach and Contribution of General Education Sector in Kerala	UGC	100000	70000	Completed

27	Ravi V	10-02-2011	10-02-2013	Tamil Folklore in Kerala - the Ballad of Nallamma Paattu - Aspect of Historical Geographical Theory	UGC	145000	136500	Completed
28	N Manoharan	10-02-2011	10-02-2013	Studies on Manimekalai and an Annotated Bibliography	UGC	140000	140000	Completed
29	N Manoharan	26-02-2015	26-02-2017	Malayalam Translations of Tamil Classics in to Malayalam: History and Translation Methods	CICT, Chennai	250000	100000	Ongoing
30	Dr. Ambili T	01-11-2011	01-11-2013	Depiction of Environment in Hindi Fiction	UGC	90000	90000	Completed
31	Dr. K Baby	22-12-2010	22-10-2012	Economic Analysis of Solid Waste Management with Special Reference to Palakkad Municipality, Kerala	UGC	80000	80000	Completed
32	Mohanan P	10-02-2011	10-02-2013	Environmental Ethics in Gandhian Philosophy	UGC	145000	135500	Completed

33	Dr. G N Prasanth	10-02-2011	10-02-2013	A Study of Metric and Related Transit Functions on Graphs (Digraphs) and Hypergraphs	UGC	145000	288000	Completed
34	Lakshmi V	22-10-2010	22-10-2012	Fuzzy Topology	UGC	135000	115000	Completed
35	Vijayakrishnan M V	22-12-2010	22-12-2012	Investigation of the Coupling between Equatorial Ionosphere and Solar Wind	UGC	30000	20000	Completed
36	Dr. T Kavitha	22-10-2013	22-10-2014	Ancient Tamil Lore in Tribal Languages of Palakkad Region	CICT, Chennai	100000	100000	Ongoing
37	Dr. Anisha Grace John	2009	2011	Kinetic Studies on Free and immobilised Alpha Galactosidase for application of legume food	UGC	99000	99000	Completed

3.3 Research Facilities

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

INFLIBNET – The College is subscribing the INFLIBNET an Autonomous Inter-University Centre (IUC) of University Grants Commission (UGC) of India. Almost all the faculty and students, and research scholars use the INFLIBNET regularly for reading and downloading the articles.

INTERNET- A high speed internet connection is accessible in the college, which helps the faculty and research scholars to interact (via skype) with the persons of eminence of the concerned areas. Other than the above, the college has a fully automated General Library consisting of around 100000 books and almost 24 different journals. All the students of the college are encouraged to visit the library often and lend the books, magazines and journals. The Department of Mathematics has a server, which any teacher can use for computation facilities.

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?

All the Under graduate departments are encouraged to apply for Post Graduate courses, and qualified post graduate departments are encouraged to apply for research center. The departments without main courses are also motivated to apply for UG or PG courses.

A new academic block is being constructed in the campus, which will help the college to a large extent in enhancing the infrastructure facilities.

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?

The researchers from outside visit college library, departments of Mathematics, Music, Geography, Tamil to discuss their research topics.

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

At present there is no such facility, but researchers are using the college library and libraries of departments, and provisions are there to use the INFLIBNET facility for researchers too.

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

At present faculties from Geography and Botany are doing combined research on different aspects on paddy cultivation in and around Chittur. The interdisciplinary initiative of the college, helps the faculty to have an awareness about the latest and new trends not only in their fields, but also other socially relevant areas.

3.4 Research Publications and Awards

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

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

Currently 4 Post graduate departments namely, Mathematics, Music, Philosophy and Tamil are recognized research centers under University of Calicut. A faculty of department of Botany have collected and recorded 23 new species and 4 new varieties of micro fungus new to science. Another faculty of the department of Botany published thirteen new Species of orchids, balsams and bamboos new to science. A faculty from department of Zoology, in along with the scientists from UK, **has discovered a new species of limbless amphibian** in the Western Ghats area in the state of Kerala, South India.

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

No. But some departments which conducts seminars and conferences publish proceedings thereon. The launching of a peer reviewed national journal with ISSN by the research department of Tamil is in progress.

3.4.3 Give details of publications by the faculty and students:

The following is the number of research publications done by the faculty of the college

International Journals	120
National Journals	306
Proceedings(Seminar/Conferences)	192
Poster Presentations	8
Books	17
Book Chapters	16

3.4.4 Provide details (if any) of

* Research awards received by the faculty:

Manojkumar A

- Awarded best guide in Children’s Agricultural Science Congress, 2010.

Dr. Stephen Sequeira

- Received Young Scientist award in the discipline *Forestry, Wildlife and Environment* during the 17th Kerala Science Congress held at Kerala Forest Research Institute, Peechi, and Kerala, India.

Dr. Nishamol M.S

- Prominent Alumni award in ORMA 2012 alumni meet held at M. E. S. College, Marampally, Aluva, Kerala, India on 11th February 2012
- Student author award in IEEE Applied Electromagnetics Conference (AEMC), 14-16 December 2009, Kolkata, India.
- Research Fellowship Scheme for Meritorious Students (RFSMS) by University Grants Commission (UGC) Government of India from 2008 to 2011.
- Travel grant from DST, Govt. of India to attend URSI-GASS 2011, Istanbul, Turkey.

Dr. Sarin V.

- Young Scientist award in URSI Regional conference on Radio Sciences 2014 held at Pune India.
- Student author Award in IEEE Applied Electromagnetic Conference (AEMC 2009) held at Calcutta.

Dr. Sheeju N.V

- Received the post doctoral award constituted by Department of Collegiate Education, Kerala

Dr. G.N. Prasanth

- Delivered a lecture on “Axiomatic Characterization on Graphs” at Max Plank Institute, Germany in 2013.

Dr. Veena. T.G

- Prof. R N. Pillai Young Statistician Award in 2008 for outstanding research in the field of Statistics by Young Researchers.

Smt.Dhanalekshmi. C

- Upgraded as an A grade Artiste of the AIR since 2014.

Dr. N.Manoharan

- Bhasha Bhushan Award – for best translation

Mr. G. Kathiravan

- Tamilnithi – for Good Tamil Scholar

Ms. S.Fathima

- Tamil Chemmal from Pondicherry Tamil Sangam

Dr. Abdul Rasheed VT

- Dr. MR Das Career Award for best overall performance in the PhD Programme from RGCB, 2015 – the award includes a Gold Medal, Citation and a cash award of Rs. 25,000/-

Dr. Ramachandran K

- International Research Visit Fellowship, 2016, At Natural History Museum, London, UK. January 23- February 8, 2016.
- Higher Education Department Research Excellence Award, 2016. Certificate and INR 50,000/- Award grant.
- National Internship Fellowship, 2015, At National Centre for Biological Sciences, Bangalore, 1-28 February, 2015
- FLAIR, Dept.of Higher Education, Govt.of Kerala Fellowship of Rs 94000/- for research at National Centre for Biological Sciences at Bangalore (February 2015).
- Kerala State Biodiversity Board grant of Rs 1 Lakh for writing a monograph on caecilians of south Western Ghats (2014)
- Herpetological Conservation Research Fund, Madras Crocodile Bank Trust Harvard University, Museum of Comparative Zoology, Travel Grant for Symposium on Caecilians, World Herpetology Congress, Vancouver, August 8-14, 2012

3.5 Consultancy

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

The college has a Consultancy Cell with Vice-Principal as Coordinator and some of the teachers from different departments as members. The consultancy services are provided free of cost. The college assisted International Organization of Migrations to conduct a survey in Palakkad District. The college also collaborated with IRTC for various programmes.

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

All the consultancy services provided to the public are done free of cost to help and support the basically agrarian community in and around Chittur. The major expertise available in the institution are published in the college website. All the consultancy areas are communicated to the parents and the students of the institutions in the orientation programme conducted at the beginning of the course. All these matters comes under discussion in the PTA meetings also.

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

Faculty in the language department engage in translation of mark lists, editing of other documents like brochures, notices etc. All the teachers individually help the students in their career guidance and higher education counselling.

The institutions encourages the staff and students to make use of available resources like and other infrastructure facilities for doing the consultancy services offered by the departments. In some cases the consultancy services are done as part of the project of the students.

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

1. Resource Mapping using GIS
2. Water quality Checking
3. Soil quality Checking
4. Mushroom cultivation
5. Class on usage of fertilizers
6. Translation of documents
7. Editing of brochures notices etc.
8. Statistical data compiling using the open source software R

Departments offer consultancy services without collecting any revenue.

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?

Through NSS, NCC, Bhoomithrasena and Students Union, the students observe and celebrate all days of National Importance. NSS volunteers and other interested students have visited the nearby old age homes and the deprived to share lunch with

them. Students also have helped the society by cleaning the nearby ponds and clearing barren lands to convert it to agriculture purposes. Some of the students along with the teachers visit tribal areas to distribute dress, vessels, school bag, books etc. which helped the children of those area to pursue their education. The college has also initiated a programme on organic farming which motivated the students to have their own vegetable gardens in their homes and they also help the neighbouring homes for constructing such a garden. Other programmes which contributed to good citizenship and holistic development of students include Blood Donation, Blood Group detection, Medical Camp for the public, free eye checkup for the public, pain and palliative care services, street play against the drug abuse, anti-plastic campaign etc.

The students have also conducted a socio-economic survey in the nearby areas, sponsored by various agencies like International Organizations of Migrations, IRTC etc. All the department associations are eager to celebrate festivals such as Onam, X'mas, Eid wholeheartedly which creates oneness among the students.

Campus is a plastic free Campus and students and the Staff make it a policy to avoid flux and other plastic materials on the campus, thus making it a green campus.

Students under Bhoomitriha sena is conserving the Nature and natural resources and judicious utilization of the resources for the welfare of the society. Arranging awareness programmes to achieve the objectives, take up programmes for environmental cleanliness through eco-friendly measures – bio degradation of waste organisms- vermi composting etc. are some of the activities of this body. The main objective of the Club is creating awareness among the students and general public about the necessity of conservation of environment.

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

Almost all students are part of the NSS, NCC, Bhoomithrasena or other extension activities conducted by the respective departments and tutors take care to promote the involvement of maximum students in such programmes.

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

College Conducts periodic meetings with various stake holders like students, parents and alumni. Institution also takes initiative to hold discussions with Legislative bodies like MLA, MP, Municipal Authorities, District Administration etc., for the welfare and overall performance of the college.

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.

All extension activities are voluntary in service offered to the society. Almost all the faculty members are engaged in extension activities which include giving

lectures, assistance for science fare projects, training students for national talent search examinations, help to conduct surveys of national interest sponsored various governmental and non-governmental agencies. Some of the faculty members help the farmers by giving their suggestions for fish, paddy farming and mushroom cultivation.

Being a government college, the stringent rules do not permit a faculty to accept payments for their services.

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?

Currently college has two units each of NSS and NCC. The program officers of both NSS Units ensure the addition of grace marks allotted for the students. The college encourage the participation of students and faculty in all extension activities without creating any hurdles.

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?

1. Survey on Blue colored jobs in the middle east conducted by International Organization of Migrations.
2. Prepared Human development Report of tribes in Attappady Block for Govt of Kerala.
3. Developed Software packages for MNREGS for improving the efficiency in Rural Developmental Activities.
4. Prepared and published Resource Atlas of Chittur Tattamangalam Municipality.
5. Prepared integrated watershed management plan for Ellachivazhi Watershed.
6. Prepared Landslide zonation of Nelliayampathy Panchayat.
7. Prepared Inventory and assessment of Ponds in Palakkad municipality.
8. Prepared Historic Cultural landscape conservation at Naubad Karez, Bidar.
9. Prepared a Documentary “*MANNU*” on the marginalised Tribal people of Attapady by the staff and III Year B.Sc. Students.
10. Given a training on Mobile Based Asset mapping to Officials of all Panchayaths in Palakkad District.
11. Supported hapless women of Jharkhand of Mahila Mandir, Palakkad.
12. “*NERU: ON THE VERGE OF TRUTH*” A documentary visualizing the reasons behind the increasing infant mortality among tribes in Attappady.
13. *NERARIVU*, A socio-economic survey and supply of basic necessities to the cholera affected persons at Kadinchira ward at Pattanchery.
14. Students Union has initiated a socio-economic survey with a special focus on basic amenities of sanitation at EMS Nagar, Meenakshipuram.

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.

Organic farming is one of the ideas that the college introduced. As part of this programme, NSS volunteers, students union, hostel inmates setup a vegetable garden

on the campus as well as in the ladies hostel. All the students are also encouraged to create a vegetable garden in their homes, which in turn creates an awareness among the students about organic farming and the skill of employability is nurtured. A special campaign is planned in 2016 with the motto “Back to Agriculture” with an intention to reclaim the traditional food habits and the culture of agriculture.

A Biogas plant is installed in the Canteen and in the ladies hostel. Degradable food waste of the college and ladies hostel is collected and transferred to this plant which spreads an awareness among the students about bi waste managements and energy conservation. The slurry from the bio gas plant is used in the garden.

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?

Students visit the tribal areas of Attapady, Nelliampathy, Parambikulam and Meenakshipuram to interact with the vulnerable sections of these areas as part of community development programmes. The details collected are submitted to government authorities for necessary action. NSS units have organized two free Ayurveda Medical Camps at the college for the public to establish a good relationship of students with the local society. Units have also participated in the ODF state declaration programme of Government of Kerala by doing campaigns at Nelliampathy Tribal Colony and Kalliyampara Tribal Colony, Kollengode. NSS volunteers have actively participated in Cholera eradication support programme in Pattancherry Panchayat, by collecting and distributing rice and pulses to support the affected people. The students have engaged in cleaning campaigns on water resources health and sanitation to the public.

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.

Relationships are established with the District collectorate and nearby panchayaths, Chittur Thathamangalam Municipality for the planning and conduct of surveys and community outreach camps. Departments of Geography and Economics have collaborations with Industrial Rural Technology Center, Palakkad. The department of Geography is associated with MNREGS by developing a software package for improving the efficiency in Rural Developmental Activities.

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.

NSS Units of the college has received excellence award for their programme “Snehapoorvam Sahapadikku” (To my friend with love) by the department of social justice and social welfare mission in 2016.

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.

The students and faculty members of departments of Botany and Zoology utilize the facilities in Malabar Botanical Garden & Institute for Plant Sciences, KFRI, JNTBGRI, Kerala Agriculture University, RGCN and London Natural Science Museum.

The students and faculty of the department of Mathematics collaborates with Max Plank Institute, Germany, Econometric Institute, Netherlands, Universities of Maribor and Ljubljana, Slovenia, Department of Mathematica Aplicada, Spain, University of Louisville, United States, University of Kettering United States, IIT Chennai and IIT Palakkad, Department of Future Studies, University of Kerala, Departments of Mathematics and Computer Applications, Cochin University of Science and Technology.

The department of Electronics have collaborations with the department of Electronics, Cochin University of Science and Technology. A faculty of the department of English has achieved post-doctoral fellowship from the Department of Collegiate Education, Government of Kerala to pursue research in EFLU, Hyderabad.

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.

No MoUs signed yet.

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.

Various departments collaborate with Industrial Rural Technology Center, Palakkad for conducting surveys and projects which helps the students for application of the practical knowledge they have acquired. As part of the syllabus, various departments take their students to important institutes and places which helps the students to get an exposure to the outside world. As part of the WWS programme, a 2-day residential camp was organized at LEAD College of Management, Dhoni which help the students to acquaint themselves with an outside institution.

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.

In the last five years, several eminent persons visited the college. A List is given below.

- Dr. M.S. Swaminathan, MSSRF, Chennai
- Dr. ARR Menon – Scientist EII, Kerala Forest Research Institute, Peechi, Kerala
- Dr. M.S. Muktesh Kumar - Scientist EII, Kerala Forest Research Institute, Peechi, Kerala.
- Dr. R. Prakash Kumar – Director, Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode, Kerala.
- Dr. C.K. Pradeep – Scientist C, Jawaharlal Nehru Tropical Botanical Garden & Research Institute, Thiruvananthapuram, Kerala.
- Dr. C. Kunhikannan, Scientist E & Head, Biodiversity Division, IFGTB Coimbatore.
- Dr. T.V.Sajeev, Scientist C, KFRI Peechi, Kerala
- Dr. K. Vijayakumaran Director General, Fisheries survey of India, Mumbai
- Dr Sachidanathan P – Scientist, Forensic Department, Govt. of Kerala.
- Dr. Rajan K, Director, Institute of management in Kerala
- Dr. Venkitapathy, Director, School of Entrepreneurship, Bharathiar University
- Dr. Ganesan G, Head, Department of commerce and management, Bharathiar University
- Sri. Ramesh Venugopal, District Development manager, NABARD
- Sri. Chenthamarakshan M, Joint Registrar, Rtd, co-operative department, Kerala
- Prof. CA, CMA Hariharan C, Associate Professor, Viswajyothi college of Engineering.
- CA, CMA and CS (inter) Ajith S, Practicing Chartered accountant and alumni
- Sri Venkideswaran , Head, District industries Centre, Chittur thaluk
- Prof. Dr. K. Govindarajalu, Director of Distance Education and Professor of Bharathiar university, Coimbatore.
- Dr. Somasundaram, Professor and Head DSO TNAU, Coimbatore
- Prof. Dr. S. Iyyampillai, Professor & Chair, School of Economics, Bharathidasan University, Thiruchirapilly
- A G Varghese, Senior Vice President, South Indian Bank.
- Prof. PA Vasudevan, Eminent Economist & Public relations Office, Mathruboomi.
- Dr. P S John, Prof Agronomy, Kerala Agricultural University.
- Dr. N Miniraj, Prof. Kerala Agricultural University.
- Dr. Indira Devi P, Prof Agricultural University, Center For Excellence Environmental Economics.
- Sreenath S, JTO, BSNL, Kozhikkode
- Dr. Vincent Mathew, Central University of Kerala
- Dr. Ratheesh. R, C-MET, Thrissur
- Dr. Mridula S. School of Engineering, Cochin University of Science and Technology
- Dr. Abdulla P, School of Engineering, Cochin University of Science and Technology
- Dr. Sujith Raman, postdoctoral researcher at Solid State Electronics, Angstrom Laboratory, Uppsala University, Sweden.
- Sarath C. Application Engineer, Entuple Technologies
- Hari Prasad Athanikkal, English and Foreign Languages University, Hyderabad
- Dr. B. Sukumar, rtd. Sr. Scientist, CESS.

- Dr. Ahalya sukumar, rtd. Sr. Scientist, CESS.
- Dr. Easa, director (rtd), KFRI.
- Dr. Chandrasheker, dean, IIST.
- Dr. K lakshmi, prof. (rtd), MKU.
- Dr. G parthasarathy, prof. (rtd), MKU.
- Dr. A SanthaKumari, prof. (rtd)MKU.
- Dr. Jayapal. G, asst. Prof, Kannur University.
- Dr. Sudhodhanan N, District Animal Husbandry Officer, Palakkad
- Mr. Anoop Aravind, Consultant (GIS expert), *Ministry of Panchayati Raj*, Govt. Of India.
- Dr. K K Mohammed, Supt. Archaeologist (rtd), ASI.
- Y. Kalyana krishnan, State Resource Person, Planning Board, Kerala
- Dr.Akhilesh Aaryendu, Renowned Hindi Writer, New Delhi
- Sri. Mansoorali.P, Assistant Superintendent, Sub Jail,Palakkad.
- Dr. V. Selvakumar, Assistant Professor in Archaeology, Department of Epigraphy and Archaeology, Tamil University, Thanjavur 613010, Tamil Nadu, India.
- Dr. P.Sivadasan , Asso. Professor, Department of History, University of Calicut
- Dr.C.Haridas, Course Director, Centre for cultural studies, Kannur University Regional Centre, Dharmassala campus.
- Dr. Susan Thomas, Assistant Professor of History, SSUS Regional Centre, Thuravur, Alappuzha.
- Padmasree Sivan Namboothiri
- Margi Madhu
- Raju Naripatta
- Raghavan Payyanad
- C.R. Rajagopal
- K H Hussain
- Kalppatta Narayanan
- Sreeja Arangottukara
- Prof. Rengarajan, Indian Institute of Science Bangalore
- Prof,P.K Datti , TIFR Bangalore
- Prof. A.. K. Nandakumaran , Indian Institute of Science Bangalore
- Prof. K. Sandeep, TIFR Bangalore
- Prof. Raju.K .George, Indian Institute of Space Technology
- Dr. Matjaz Kovse, Max Plank Institute, Germany
- Prof.,S. Kumaresan, University of Hyderabad
- Prof. K.S.S. Moosath, Indian Institute of Space Technology.
- Prof.T,Thrivikraman, Formerly CUSAT
- Prof. M.I.Jinnah, Formerly Univ, of Kerala
- Prof.P.T.Ramachandran, University of Calicut.
- Prof. A.J.Jayanthan, University of Goa
- Dr.M.N.N.Namboothiri, CUSAT.
- Prof, Thamban Nair, IIT Madras
- Prof.V.Kannan, Central University,Hyderabad
- Dr.R.S.Chakravarti, CUSAT
- Dr. S.H. Kulkarni, IIT Madras
- Prof. Vasudeva Murthy, TIFR Bangalore

- Dr. Lekshmanan. K, VIT, Vellore
- Dr. Shalu M A, IIIT Kancheepuram
- Dr. Sreenivasan, Bharathidasan Univeristy
- Prof. V. Muruganandam, NISER
- Prof. Parameswaran Sankaran, IMSc, Chennai
- Prof. Somasundaram, M S, University
- Prof. H.N. Ramaswamy University of Mysore
- Dr. Ajith Kumar, University Institute of Chemical Technology, Bombay
- Smt. Seetha Rajan, Renowned Musician and Graded Artist, Chennai
- Sangeetha Kala Acharya Sri. Mangad K. Natesan, Graded Artist,
- Sri. Thiruvizha Jayasankar, Renowned Nagaswaram Artiste & Graded Artist of AIR
- Sri. Trichy S Ganesh, Renowned Musician and Graded Artist of AIR, Madurai
- Sri. Mavelikkara. P .Subramanyam, Renowned Musician and Rtd Principal, RLV College of Music, Thripunithura
- Sri. Anantha Padmanabhan, Renowned Veena Artiste & Graded Artist of AIR
- Smt. T.H. Lalitha, A Top Violin Artiste of AIR
- Sri. Sanjay Subramaniam, Renowned Musician and Graded Artist, Chennai
- Sri. Raj Kumar Bharati, Renowned Musician and Graded Artist, Chennai
- Dr. G. Latha Varma, Retd. Principal, Professor, Dept of Music, Madurai University
- Dr. K. Premalatha, Rtd. Deputy Director, Collegiate Education
- Dr. E.N. Sajith, Director, South Zone Cultural Centre, Thanjavur
- Dr. N. Mini, HOD & Associate Professor, Dept of Music, Kannur University.
- Prince Rama Varma, eminent Vocal and Veena Artiste
- Dr. K.N. Ranganatha Sharma, Renowned Musician and Graded Artist of AIR, Principal & HOD of Dept of Music, Madurai University
- Sri. K. Muraleedharanunni, Eminent Vocalist & Graded Artist of AIR
- Dr. Sreevalsan. J. Menon, Eminent Musician, Composer & Graded Artist of AIR
- Sri. Ambikapuram Sivaraman, Renowned Musician and Graded Artist
- Pranavam Sankaran Namboodiri, Renowned Musician and Graded Artist,
- Dr. V. R. Dileep Kumar, Renowned Musician and Graded Artist,
- Dr. Sadanam Harikumar, Renowned Musician and Graded Artist, Kathakali Artiste, & Principal, Sadanam Academy, Patthirippala
- Dr. V. Sindu, Graded Artiste of Violin of AIR, & Assistant Professor, Dept of Vocal Music, CMGMC, Palakkad
- Cherthala. S. Dinesh, Graded Artiste in Mridangam of AIR & Principal, CMGMC, Palakkad
- Dr. S. Suresh, Associate Professor, Dept of Music, Madurai
- Arackkal Nandakumar, Graded Artiste of Air, Musician & Music Composer.
- Sri. Thiruvizha Viju. S. Anand, Graded Artiste of Violin of AIR
- Sri. Kollam G.S. Balamurali, Graded Artiste of AIR.
- Palakkad S. Mahesh Kumar, Graded Artiste of Mridangam of AIR
- Dr. B V R Tata, Visiting Professor, IIT, Palakkad
- Dr. Kurinji Venthana, Asst. Professor & Producer of Documentary Film of Diasporas, Pondicherry.

- Sri.Meenakshi Sundaram, Journalist Indian Express, Coimbatore.
- Sri.Vedachalam, Archeologist, Chennai
- Smt. Santhakumari Sivakataksham, Writer, Chennai
- Dr.T. Vijayalakshmi, Asst. Prof., Poet,Novelist, Kerala Uty, Tvm.
- Dr.Sivakadaksham, Cardiologist, Chennai
- Kavinjar Karikalan, Poet, Viruthachalam
- N.Murukesa Pandiyan, Madurai
- V. Arasu, Professor, Madras University
- Mr .A. Marx, Writer, Chennai
- Dr. S. U.Venugopal, Writer, Chennai.
- Dr.Avai Nayakam, Dr.Azhakuselvam, Writer, Chennai.
- Ms.Valarmathi, Writer, Chennai.
- Mr.Muthunilavan, Poet, Puthukottai
- Mr.ThangaMoorthy, Poet, Bharathidasan university, Trichy.
- Sri.Sadananthan, Puppet show Artist, Palappuram
- Smt.AmsaPriya, Poet, Pollachi
- Dr.KS. Karuna Prasad, Dramatist, Chennai
- Dr.K.R.Rajaravivarma, Professor, Central University, Pondicherry
- Dr.K.Parthibaraja, Asst.Professor & Dramatist SHC, Thiruppathur.
- Mr.Nanjil Nadhan, Writer, Coimbatore
- Mr.G.Padmanabhan, Professor, Dravidian, University, Kuppam, Andrapradesh
- Dr.N.Gnanapazham, Retd. Professor Pazhani
- Dr.K.Mariappan, Professor, Dravidian,University,Kuppam, Andra
- Dr.K.M.Anil, Professor, Calicut University
- Dr.P.M Sreedharan Anjumoorthis, Professor, Kottayi
- Dr.P.Gunasundari, Professor, BU college, Erode
- Dr.K.Balaraman, Professor, GMASC, Chennai
- Dr.R.Raman, Professor, GMASC, Chennai
- Mr.Sailapathi, Writer, Chennai
- Dr.K.Raghuraman, Professor, GMASC, Chennai
- Dr.N Venkatesan Professor, Annamalai University, Chidambaram
- Mr.R.Sreenivasan, Author of Panuval Magazine, Chennai
- Dr.S.Rajaram, Professor, Tamil University, Tanjavur
- Dr.R.Aravindan, Professor, JNU, New Delhi
- Dr.L.Balasubramaniam, Professor, Madurai
- Dr.A.Karthikeyan, Professor, Tamil University, Tanjavur
- Dr.O.Balakrishna, Professor, Bharathiar University, Coimbatore
- Mr.K.Padmanabhan, Professor, Dhiravidian University, Andra
- Dr.Y.Manikandan, Professor, Chennai
- Dr.Thulasi Ramaswamy, Folklorist, Chennai
- Dr.P.Maathaiyan, Writer, Chennai
- Dr.V.Vedhachalam, Archeologist, Madurai
- Dr.Arumuga seetharaman, Numismatist, Tanjavur
- Dr.R.Poongundran, Archeologist, Madurai
- Dr.T. Subramaniam, Archeologist, Madurai

- Dr.K. Sreedharan, Archeologist, Madurai
- Francis Kriba, Writer, Chennai
- Mr.Palai Nilavan, Poet, Coimbatore
- Mr.R.Jagadeesan, Archeologist, Coimbatore
- Dr.O.Balakrishna, Professor, Bharathiar University, Coimbatore
- Dr.P.Maathaiyan, Writer, Chennai
- Dr.Bakthavathchala Bharathi, Anthropologist, Writer Pondicherry
- Dr.M.Veda Sahayakumar Former Professor, Nagercoil
- Dr.P.George, MCC Chennai
- Dr.A.Satheesh, IITS, Chennai
- Dr.Chellan Govindan, Former Professor, Chittur
- Dr.Thulasi Ramaswamy Folklorist, Chennai
- Dr. Naduvattom Gopalakrishnan, Professor, Thiruvananthapuram
- Dr.M.Ilamurukan, Writer, Tanjavur
- Mr.M.S.Ramji, Asst. Professor, Tamil University, Tanjavur
- Dr.P.Doctor, Nazeemdeen, Professor, Tvm
- Mr.NanjilNadhan, Writer, Coimbatore
- Dr.R.Aravindhan, Professor, JNU, NewDelhi
- Dr.V.Vedhachalam, Archeologist, Madurai
- Dr.E.Muthaiyah, Professor, MKU, MDU
- Mr.M.G.Suresh, Writer&Critic, Chennai
- Veli.Rangarajan, Dramatist, Chennai
- Mr.Perumal Murugan, Novelist, Namakkal
- Dr.M.P.Balasubramanian, Professor, TVM
- Mr.S.Damodaran, Chief.Edl.Officer, CBC
- Sanjayan kumar, IFS
- Arun Sakaria, Govt. Veterinary Surgeon
- Peter prem Chakraborty, Scientist
- Sujith VG, Research associate, RGCB
- Hareesh vasudevan, Advocate, Green Tribunnal
- Uma maheswari, Director,CROW and Project Coordinator, IRTC
- Guruvayoorappan S, Project Coordinator, WPSI
- Dr. PS Easa, Former Director, KFRI; Member, National Wildlife Board
- Dr. Muhammed Jafer Palot Assistant Zoologist, WGRC Zoological Survey of India
- Dr. P Pramod , Senior Scientist, Salim Ali Centre for Ornithology and Natural History, Coimbatore
- Dr. Rajmohana K, Scientist D, WGRC-Zoological Survey of India
- Dr. TV Sajeev, Scientist E1, Kerala Foresh Research Institute, Peechi
- Dr. Shaji TP, Former Research Associate, Kerala Forest Research Institute, Peechi.
- Dr. Dr. K.A. Subramanian, Scientist-D Member IUCN SSC (SAISG) Southern Regional Centre Zoological Survey of India, Chennai

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

No MoUs are signed yet. But these linkages benefitted the staff and student and researchers.

3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations. Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.

The linkages are initiated by the individual faculty. If needed the principal send formal request to these institutions for further interaction. Foreign scholars are invited in the institution, when they visit the nearby universities.

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?

Government College, Chittur at present offers fourteen undergraduate and seven Post graduate programmes. The college started functioning in 1947 and the buildings constructed in the fifties of the last century are still used. The college could provide class rooms for all programmes that are offered in the college. But, as the requirements of a new generation class room which are entirely different from the requirements of the middle of the last century, the college has certain difficulties as far as class room facilities are concerned. However, the college is taking initiatives to overcome these difficulties. A new block with sixteen class rooms is under construction and for a PG block, administrative and technical sanctions are obtained. At present the policy of the college is to have at least one class room in every department that has the facilities of a Smart Class room and every department is provided with smart board, projector and laptops. It is proposed to convert all existing class rooms to smart class rooms in the near future.

The college has seven Science departments and the laboratories of these departments are equipped with adequate instruments. Updating and replacements of laboratory items are done periodically.

Four departments of the college are research departments and they are functioning in the parent department along with the regular courses. A research block for the college is to be constructed. However, a new hostel for research scholars and bachelor teachers is under construction in the college premises.

Library is at present functioning in the old building. No further developments required for a modern library is possible in the current library hall. The administrative sanction for a new library building with an amenity centre for lady teachers in the first floor is already obtained from the government. The amount is transferred to the PWD and the work for the same is to start immediately.

Although, there is adequate space in the playground for various sports/games items, the condition of the playground is to be improved and a proposal for improving the facilities like synthetic track is submitted to the government.

4.1.2 Detail the facilities available

The college has eight blocks. They are the main block, Electronics block, Tamil block, Geography block, History block, Commerce block, Music block and Malayalam block. The Principal's Chamber, College Office, College Auditorium and the Library are functioning in the main block. Besides, there are seven main departments that offer UG or PG programmes and supporting departments, along with the ladies' common room, cooperative store etc., functioning in the main building.

Curricular and co-curricular activities

Classrooms: Every department is provided with sufficient number of class rooms with black boards, podium stands and adequate seating facilities for the learners. As most of the rooms were constructed in the last century, they are not conducive for installing modern class room facilities. However, this can be solved when the new building under construction becomes functional. Also, supply order has been placed for providing Public Address System connecting all class rooms and departments with the Principal's Chamber.

Technology Enabled Learning Spaces: With the objective of converting at least one class room in every department to a smart class room, every department is provided with equipment like smart board, projector and laptops. Although, the conversion of class rooms to smart class rooms will take time to complete due to the architectural incompatibility, these instruments are installed in the class rooms and classes are being taken using them in several departments. Also, modern electronic devices are used for practical classes of the Department of Music. Every department is connected with 10 mbps internet connection and Inlibnet access is provided to all departments.

Seminar Halls: The College has four Galleries that can accommodate nearly hundred people each. Two of them have facilities for fixing modern equipment for conducting seminars.

The Music Concert hall of the college, which is equipped with digital sound system and presentation devices, is also used for conducting seminars.

A seminar hall with all facilities to conduct seminars is built in 2016.

Academic Facilities:

Laboratories

Botany: The Department offers UG programme in Botany. The department is maintaining a B.Sc laboratory consists of compound and dissection microscopes for practical and other project related work for students. The department also has a research laboratory with modern equipments including Stereo Zoom Microscope, Digital Photospectrometer, UV Chamber, Digital PH pen, waterbath, Sauxlet Apparatus, Laminar Airflow, Calorie Meter, Hot air oven, Digital Camera, Binocular Microscopes, Horizontal Agarose, Gel Electrophoresis, Hot plate oven, monocular microscopes, micro pipette etc.

Chemistry: Department of Chemistry has two well-equipped and well-furnished B.Sc. Laboratory containing TDS meter, pH meter, Spectrophotocalorimeter and electric balance.

Electronics: The department has a well-equipped and furnished laboratory with adequate devices and instruments required for practical classes in the UG level. Further, there are instruments, which are purchased under various research schemes, like Network Analyzer, UV exposure unit, Digital and analog IC tester, Communication trainer kit, Digital signal processing trainer kit, PIC programmer, Universal device

programmer, Digital storage oscilloscopes and television demonstration unit etc. are available in the laboratory for facilitating research work.

Physics: Department has two well-equipped and well-furnished UG Laboratory containing Spectrometers, Laser, Ballistic galvanometer.

Zoology: In the subject Zoology also, the college offers only B.Sc. programme. The department maintains a laboratory with various modern equipment including Stereo zoom microscope, PAGE electrophoresis unit, Colorimeter, Oven, Digital camera, UV spectrophotometer, pH meter, Rotary shaker, Centrifuge, Binocular microscope, Hot Plate oven, DLP Projector, monocular microscope, Micropipette, Trinocular Microscope, Water and soil testing kits, blood test kit, distillation units, and dissection microscope.

Museum: Department of Zoology maintains a Museum of rare specimens, representative types of different group of invertebrates and vertebrates, stuffed birds and animals, specimens of insects, specimens showing different foetal development stages and other biologically significant specimens

Department of History maintains a heritage museum highlighting the need for collecting and preserving the antiques and materials which are of historical value. The materials preserved in the Museum are collected, categorized and displayed with the joint efforts made by both the teachers and students of the department.

Computer Laboratory: Three computer labs are functional in the college. One with 25 computers is used for the practical classes of computer science subsidiary class and for the physics and mathematics classes. Another computer lab with sixteen has recently become functional which was implemented as a part of DST FIST award to the college.

ASAP Computer Lab: As the college is a regional centre for the ASAP scheme of the higher education department of Kerala, a computer lab with thirty computers is set up in the college. These systems can be used by the students of the college on working days.

Botanical Garden cum Vegetable Garden: A botanical garden cum Vegetable Garden is maintained by the department of Botany with some rare collections of medicinal plants.

Star Tree Conservatory: A star Tree Conservatory representing the 27 birth star trees has setup in front of the main building for the purpose of conserving the endangered trees.

Green house: Department of Botany maintains a Greenhouse for germplasm conservation of Orchids and ferns collected from different parts of the Kerala part of Western Ghats.

Herbarium: For the effective studies on floristic surveys, an excellent collection of preserved plant specimens in the form of herbarium is maintained by the department of Botany.

Specialized Facilities and Equipment for teaching, learning and research:

ICT: Every department is provided with equipment like Smart board, Projector and Laptops. These instruments are installed in the class rooms and classes are being taken by using them.

EDUSAT: It is functioning in a well-furnished hall. Around 60 students can sit and watch live academic telecast from the EDUSAT studio, Thiruvananthapuram. One desktop computer with other accessories like camcorder, white screen, LCD projector, Smart White board with Laptop are arranged inside the hall for the proper functioning. EDUSAT room facilities are used for video conferences also, especially whenever the higher officials want to interact with the Principal and Staff.

INFILIBNET: Access to INFLIBNET for the faculty and students.

Research Lab: Research departments of the college are Mathematics, Music, Philosophy and Tamil. The department of Mathematics is equipped with a high speed server for processing computational algorithms which is purchased under a research project. Further, the laboratories of Electronics and Botany are equipped with instruments for research purpose. Further for the research scholars and PG students, the college requested the authorities for creating a fully equipped computer lab.

Communication skills development:

Language Lab: An English Language Lab with all modern facilities for fine-tuning the language skills of the learners is installed in the college. Language Lab Software is periodically updated to cope with the changing requirements and trends. The configuration of the computers also is updated as required with the assistance of PTA and CDC funding periodically. The facilities in the Digital Language Lab are the following.

Items	Numbers
Multimedia Computers with Pentium 3 processor and 500GB hard disc microphone and headset for learners	15
Desktop Computer Pentium 3 processor and 500GB for the instructor	1
LAN connection	1
Broadband VPN Connection	Nil. But an internet connection will be provided in the lab

b) Extra – curricular activities:

Sports:

- Fields for track & field events, suitable for all the athletic events
- The Physical Department extends its guidance & support in wrestling, handball, Athletics and Judo.
- Different equipment of health Club like Treadmill, Gymnasium, Orbitrech, etc.

Outdoor and Indoor games:

- A Cricket field, play grounds for Hockey, Football, Handball, Basketball, Volleyball, Ball badminton, Kho-kho, Kabbadi, Athletics and Shuttle Badminton.
- Facilities for indoor games like Chess, Caroms and Table Tennis

Auditorium: The College Auditorium hosts all the important meetings and functions of the college. It can accommodate six hundred students and it forms the main centre of all cultural & social activities of the college.

NSS: Two units of NSS are functioning in the college. More than two hundred students are enrolled in the two NSS units. An office room is provided for the coordination and smooth functioning of NSS units. Annual camps are held in rural villages and various awareness programmes, cleaning of campus, creating awareness of issues on social problems, blood donation camps etc. are conducted regularly by the volunteers.

NCC: The College has two units, both Boys and Girls wings, of NCC. Sufficient number of rooms for the activities, parade ground, etc. is provided to the NCC wings of the college. Besides the regular parades, the NCC volunteers are involved in various activities such as helping the old age people by visiting the old age homes and providing necessary materials that the volunteers collected from teachers and the general public, palliative activities, blood donation etc. Further, volunteers are regularly selected for Republic Day parade and TS camps.

Cultural Activities: Auditorium and Seminar halls provide sufficient space for cultural activities. Training sessions with the help of professionals are conducted in dramas of different languages and dance forms with the financial assistance of PTA. Further training in music items are provided by the department of music for the students who take part in the university youth festivals. Staff advisor and Arts club President, both are staff members, give direction and coordinate the training programmes. Also, the Staff Editor of College Magazine gives guidance in the selection of creative works of the students to be published in the annual magazine. The Music Concert hall is used for music concerts and other music oriented academic activities.

Public Speaking: Auditorium, Seminar halls and Music Concert hall provide sufficient space for public speaking. Tutorial hours are also used to groom the students in public speaking.

Health and Hygiene: First Aid facilities are arranged in the Physical Education department. In case of emergency, a hospital is functioning just five hundred meters away from the college and the Taluk hospital is only two kilometres away from the college. Further, in contingency the ambulance service is available in the municipal office which is located very near to the college.

The College premise sprawls an area of more than forty five acres and thousands of students are visiting the college every day, yet the college tries the best in keeping the college neat and hygiene with the help of the NSS units and Bhoomithra Sena. For waste management, incinerators are installed and the other wastes are burned on non-working days at faraway places in the campus and thus waste is destroyed in the source itself. Further, bio gas plants for cooking are installed both in the college campus and in the hostel. Provision for filtered drinking water is also provided in the campus and in the college hostel.

4.1.3 How does the department 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 department and indicate the existing physical infrastructure and the future planes expansions if any):-

As most of the class rooms were constructed in the last century, they were very big halls and the college has partitioned most of them to suit the modern day requirements. Apart from the minor augmentation and development of facilities using the plan fund from the state government every year, the following major augmentations and developments were done in the last four years.

Work	Year	Amount	Progress
Augmenting facilities in the main campus	2015	1.4 Crores	Work is to begin
Construction of Academic block	2015	3 Crores	Work in progress
New Hostel Building	2015	1.5 Crores	Work in progress
New Library building	2015	1.5 Crores	Work in progress
Augmenting facilities in ladies hostel	2014-15	56 lakhs	Work completed
New Ladies hostel	2011-12 (UGC)	60 lakhs	Work completed
New Seminar Hall	2012	56 lakhs	Work completed
Augmenting facilities in the men's hostel	2012	27 lakhs	Work completed
PG Block	2015	5 crores	Work in progress

Plan for Optimal Utilization of Infrastructure:

- Through effective participatory planning, the college ensures the optimal utilization of the available infrastructure.
- Classes are arranged by allocating the available infrastructure to maximum use.
- On non-working days, the facilities in the college are utilized for conducting competitive examinations of Public service commission, Banking Service Recruitment Board and other public sector units.
- For conducting Seminars, Film shows, meetings of different clubs etc., the auditorium, Seminar halls and galleries are utilized.

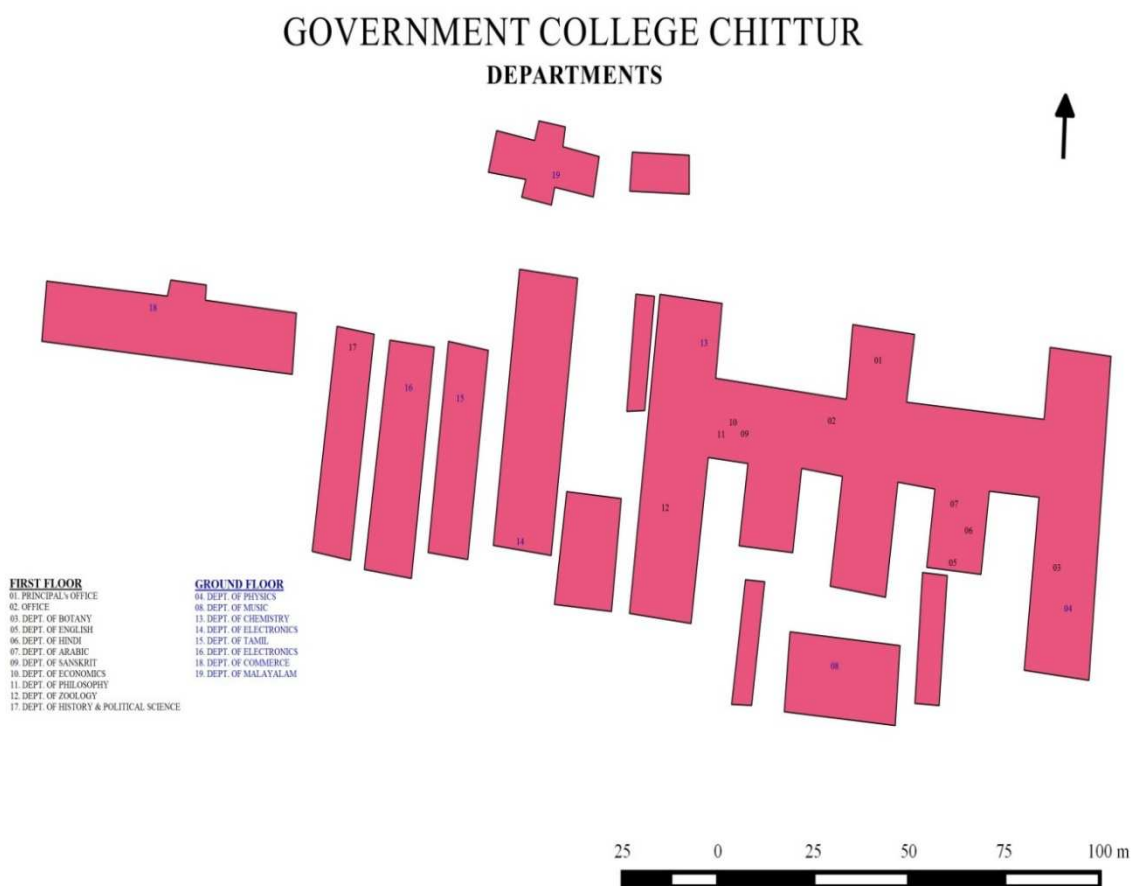
- The College is a centre of School of Distance Education (SDE) of the University of Calicut, and on holidays, the facilities of the college are utilized for conducting their contact classes and examinations.
- Sports facilities in the College are utilized for conducting university/ inter university/ district competitions as well.

Layout of the Institution that indicate the existing physical infrastructure:

(a) Campus area in acres : 45

(b) Built up area(in Sq.Meter) :10500(approx.)





Future planned expansions:

- A new Seminar Complex under construction for conducting National and International Seminars. Proposal for a fully equipped auditorium, an indoor sports complex, and a 400 meter synthetic track is submitted before the government and they accepted it and amount is allotted in state government budget in the year 2016 – 17.
- A new Centralized Networked Computer Lab for conducting Online Tests for various examinations

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

Wheel Chairs are available and ramps are constructed for differently abled students. Further, Computer aided Audio Learning classes are conducted for visually challenged students.

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

Hostel facility – Accommodation Available: The college has two hostels– Men’s Hostel and Women’s Hostel and they together can accommodate nearly 200 students. At present, 52 Male Students and 132 Female students are accommodated. 12 Staff members are working in the Office, Kitchen and Mess hall along with Warden and Resident Tutors ensure the satisfactory working of the Hostels.

Recreational facilities: Rooms for recreation with installed TV, Chess boards and Carom board are arranged in the hostel.

Computer facility including access to Internet in hostel: In addition to the Computer and Internet facility in the Hostel Office, Computers and Internet facility are provided exclusively for the use of students.

Facilities for Medical Emergencies: First aid facility is arranged in the Hostels. Further, the Warden and Tutor help the inmates in getting medical assistance in case of emergency. A hospital is functioning very near to the Hostel and the Taluk hospital is only two kilometres away from the hostel.

Library Facilities in the hostel:A well-furnished reading room with hundreds of books on general knowledge and materials for preparing competitive examinations is maintained in the hostel. It also subscribes various Newspapers, Periodicals and Journals.

Organic Farming:The hostel inmates along with the NSS units of the college are involved in vegetable cultivation using only organic pesticides in collaboration with the agricultural department of Government of Kerala for the last three years depending on the availability of water. The cultivated vegetables are used in the hostels. Further, the hostel has received the award for best governmental institute for this venture in 2013.

Constant supply of safe drinking water:In addition to the water supplied by the Kerala Water Authority, there are well maintained wells and bore wells with pumping facilities to ensure the constant supply of water. The hostels have water treatment plants with RO and UV facility to provide safe drinking water.

Security:The government has approved two posts of watchmen in the hostel.

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 facilities are arranged in the Physical Education department. In case of emergency, a hospital is functioning just five hundred meters away from the college and the Taluk hospital is only two kilometres away from the college. Further, in contingency the ambulance service is available in the municipal office which is located very near to the college.

All Staff members are insured under the Accidental Insurance Policy and they have the provision of medical reimbursement.

4.1.7 Give details of the Common Facilities available on the campus – spaces for special units.

IQAC: Internal Quality Assurance Cell is functioning in a room with sufficient facilities such as Desktop PC, Printer, furniture and Internet connection.

Grievance Redressal Cell: A Grievance Redress Cell is constituted in the college. Its meetings are conducted in the Principal's Chamber.

Career Guidance and Placement Cell: Seminar halls and Galleries are utilized for classes and the office of the coordinator has facilities such as computer, internet and printer.

Counselling Centre: A room for Counselling Centre is arranged in the college for counselling by Professionals for the needy students.

Women's Cell: There is a Women's cell constituted as per the directions of the Government. The Seminar hall, the auditorium and the Music Concert hall are utilized for the various awareness programmes, discussions on gender related issues etc. Further, the girl students have a separate rest/ common room

Health Centre: There is no health centre functioning in the campus. However, first aid facilities are available in the Physical education department. In case of emergency, the services of a private hospital located half kilometre away from the college and the Taluk hospital which is only two kilometres away from the college are utilized for medical assistance. Also, ambulance service of the Chittur Tattamangalam municipality can be availed in contingency.

Canteen: The Canteen of the college is run under PTA. It provides food and snacks at concessional rates to students and staff of the college. A small building that can seat nearly 40 people is utilized for the canteen.

Co-operative Society: The Co-operative Society working in the campus provides books and stationary items to students at subsidized rates.

Recreational Spaces: The Physical Education department provides facilities like caroms and chess for the students at room and they are provided for the faculty members in the staff club room. Film shows are conducted in the common auditorium.

Safe Drinking Water facility: In addition to the water supply of Kerala water authority, the college has a well maintained well and a bore well with pumping facility for ensuring water supply. Water purifiers are installed at various places to ensure safe drinking water. Rain water is also harvested in front of the canteen for drinking purposes. For the students of the departments of Commerce, Electronics, Geography, History and Malayalam, a Water purifier is installed in the Department of Geography.

ASAP: The ‘Additional Skill Acquisition Programme’, organized by Government of Kerala was launched in college in the academic year 2012-13 and is declared as the skill centre in Chittur. The programme gives more career options for the students in the fields of IT, Finance, Hospitality, Hotel Management and Health Care etc. A well-furnished room is provided for the Programme Officer and the class rooms of the college are utilized for classes of ASAP on holidays.

Further, the class rooms of the college are utilized for Scholar Support programme, Walk With a Scholar programme and the Continuing Education Cell classes.

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? :

A library advisory committee is constituted in the college with Principal as the chairman, the college Librarian, the student’s Union Chairman and five members of teaching staff as members.

At present the main college library is situated in a hall in the old building so that no further developments in tune with the modern requirements are possible in the existing library. Because of this spatial hazard, subject books are kept in the respective department libraries and issue of the same is done through the departments. To overcome this difficulty and to make the library service more user-friendly the following significant decisions are taken and implemented:

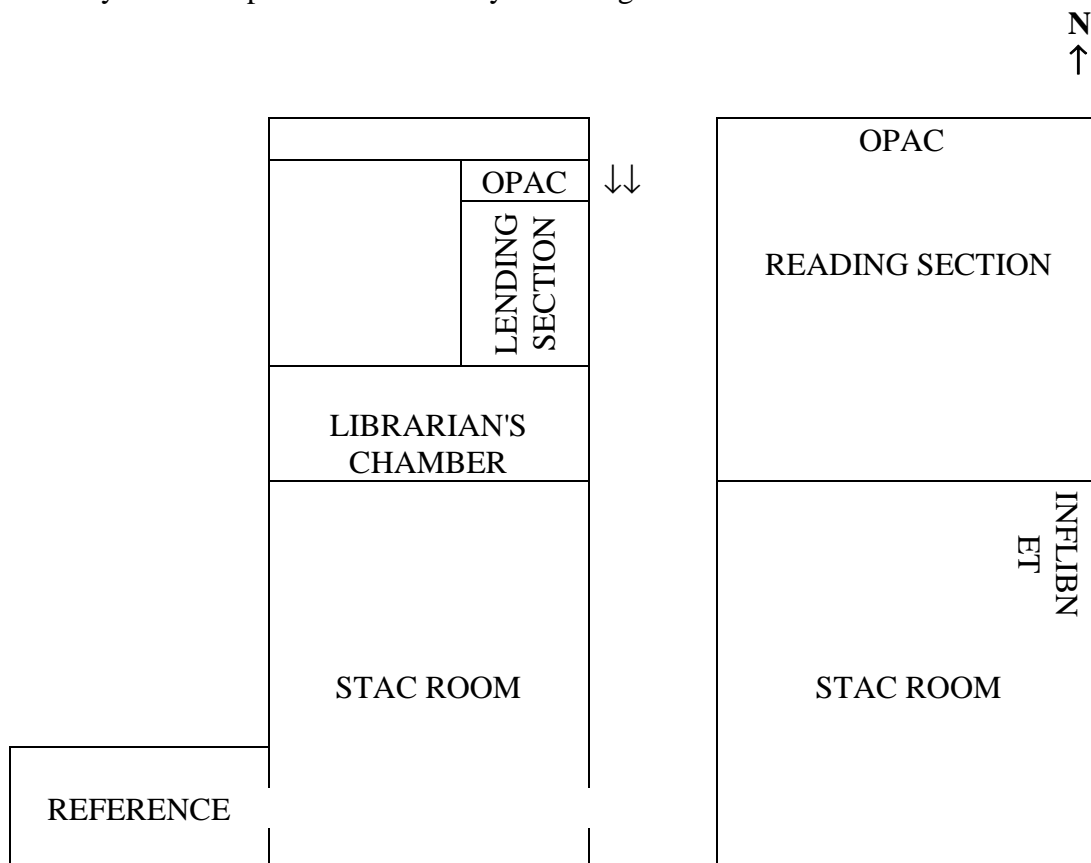
- A proposal for new library building is submitted to the government. An amount of Rs. 1.5 Crores is sanctioned and the amount is transferred to the PWD. The work is to begin soon.
- Decided to digitize the library. As a part of the same, the data base of all books of the library including the books in the department libraries is created using the KOHA software. The issue of books is started using the data base. Further, the availability of books in the library can be searched from departments and through the systems dedicated for the same in the main library.
- Decided to change the lunch break of the library for the convenience of the students to access it during lunch time of the college.
- The number of books that are to be issued to students is increased from 1 to 2 in the main library.

4.2.2 Provide details of the following:

Total area of the library	400 (in Sq. Mts.) + 18 Departmental Libraries
Total seating capacity	40
Working hours	
On working days	9.30 am – 4.30 pm
On holidays	Nil
Before examination days	9.30 am – 4.30 pm
During examination days :	9.30 am – 4.30 pm
During vacation	9.30 am – 4.30 pm

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

The layout of the present main library room is given below



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 new books and text books are purchased to the library using the plan fund and UGC fund. Subject books are purchased as per the recommendations of the concerned departments. For general books, a committee is formed to prepare the list of books and books are purchased according to its recommendation. The titles of the new arrival are displayed in the main library. After recording the new books in the main library, the subject books are transferred to Department Libraries for issuing to the users. General books are held with the main library and issued from there.

The e-resource of the college is mainly INFLIBNET and the subscription of the same is renewed regularly.

The amount spent by the college for procuring materials in the library in the last four years is given below.

Library Holdings	2015-16		2014-15		2013-14		2012-13	
	No	Total cost	No	Total cost	No	Total cost	No	Total cost
Text Books	2040	4,64,474	4846	967405	1117	35,880	2656	5,62,697
Reference books	20	67,250	167	216919	140	1,45,547	72	1,24,013
Journals/periodicals	112	8200	112	29616	32	20000		

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

OPAC: Two computers are provided in the main library for Online Public Accessing of Catalogue. Further, the catalogue can be accessed from every department.

Electronic Resource Management package for e-journals:The e-journals that the college is subscribing to are from the Inflibnet and facilities are arranged for accessing them from the library and the department.

Federated searching tools to search articles in multiple databases: Federated search tool is not used. Only the tools available in Inflibnet and KOHA are used for search along with other conventional search engines.

Library Website: The college library has no website of its own. However a link is provided in the college website.

In-house/remote access to e-publications: The in-house access to e-publications is made available by facilitating the services of Inflibnet.

Library automation: Library automation is completed partially. The database creation of all books in the library with DDC classification is completed using the open software KOHA. Provisions for searching the catalogue and issue of books are started.

- Total number of computers for public access : 4
- Total numbers of printers for public access : 1
- Internet band width/ speed : 10 mbps

Institutional Repository:The library has college magazines, and question paper sets. The books published and Hard copies of PhD dissertations by the teachers of the college are maintained in the library.

Content management system for e-learning:Sites of social media like Face book, Twitter etc. are blocked so that students can have access only to e-resources.

Participation in Resource sharing networks/consortia (like Inflibnet):Every department is provided with user ID and password to access Inflibnet and the staff and students can access INFLIBNET using them

4.2.5 Provide details on the following items:

- * Average number of walk-ins: 135
- * Average number of books issued/returned: 52
- * Ratio of library books to students enrolled:70
- * Average number of books added during last three years: 2776
- * Average number of login to opac (OPAC) : Users can directly enter OPAC, without the login
- * Average number of login to e-resources :
- * Average number of e-resources downloaded/printed:35
- * Number of information literacy trainings organized:
- * Details of “weeding out” of books and other materials: 2000

4.2.6 Give details of the specialized services provided by the library

Manuscripts	Project reports, Seminar reports, PhD Thesis etc
Reference	1500 reference books (General library alone) + Reference books in 14 dept. Libraries
Reprography	On demand
ILL (Inter Library Loan Service)	No
Information Deployment and Notification	Yes
Download	Yes
Printing	On demand
Reading list/ Bibliography compilation	On demand
In-house/remote access to e-resources	Yes, using Inlibnet
User Orientation and awareness	Yes
Assistance in searching Databases	Yes
INFLIBNET/IUC facilities	Yes

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

The library staff members help the users

- in finding reference books, journals
- in searching the catalogue using OPAC

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

The library staff provides help and assistance to visually/physically challenged persons to find our books and journals.

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services. (What strategies are deployed by the

Library to collect feedback from users? How is the feedback analysed and used for further improvement of the library services?):

A suggestion and complaint register is provided for registering the opinions of the users. The advisory committee discusses the suggestions and opinions made by the users, in detail, so as to take necessary measures. New books are purchased as per the suggestions of faculty members. Journals on different disciplines are ordered, purchased and procured by respective departments itself.

4.3. IT Infrastructure:

4.3.1. Give details on the computing facility available (hardware and software) at the institution. Number of computers with Configuration (provide actual number with exact configuration of each available system

Number of PC's purchased in the college after 2009: 200

Number of Laptops purchased in the college after 2009:25

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

- Automation of the library is to be completed.
- Improving the internet connection from 10Mbps to higher bandwidth and providing WiFi facility subject to the approval of the government.
- Modern educational facilities like smart class rooms are to be installed in more class rooms.

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

Year	Amount utilized
2016-17	1050000
2015-16	6650000

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

- All departments are provided with laptop, desktop computers and multimedia projectors.
- Every department is provided with facilities like interactive board and projector required for a smart class room.
- Internet facility is available in all departments.
- Every student and staff have access to Infflibnet.
- Printing, scanning and photo copying facility is provided for students and staff.

4.3.5 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.

The college has been trying its best for the last four years to procure and install modern teaching- learning ICT instruments in all departments and now every department has facility for at least one class room with ICT enabled classrooms/learning space.

Even though most of the teachers and students have the back ground of conventional teaching-learning process, they are gradually agreeing with the paradigm shift and have started using the ICT facilities for teaching-learning process. Students are encouraged to use the facilities extensively and some of the examples to be cited are,

- Assignments and project works are given in such a way to promote their browsing knowledge using internet facilities and other IT resources.
- Students are asked to do power point presentations for their seminars
- Students are encouraged to register for the spoken tutorial programme conducted in the college which is an online teaching-learning and evaluation process of Mumbai IIT.
- Encouraging the students to visit the sites of famous universities and personalities.

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

The college is provided with the connection under National Mission on Education through Information and Communication Technology (ICT). The Inflibnet accessibility is also direct.

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 specialties (substantiate your statements by providing details of budget allocated during last four years)?

The maintenance and repair of the buildings, electrical and electronic equipment are to be done by the corresponding wings of the PWD from their own fund. This process is often time consuming and often delayed. So, the immediate maintenance and repair works are carried out using the PTA and CDC funds. However, the amounts received in plan fund for maintenance of the building are transferred to the PWD and they carry out works. The amounts received for maintenance from the government to the college and transferred to PWD are given below:

Building	2015	2014	2013	2012	2011
College	1.4 Crores	19 lakhs	14 lakhs	4 lakhs	3.5 lakhs
Hostels		56 lakhs			27 lakhs

4.4.2. What is the mechanism for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

Every department maintains stock registers of equipment, furniture, lab chemicals and other perishable items that it possesses. Intra departmental verification is conducted at the end of every year. Items that are found to be damaged and missing during the verification are reported to the principal. List of the books that are to be written off is also submitted to the principal. Principal with the consent of the director takes necessary steps to write off the damaged books and the irrevocably damaged instruments. Appropriate steps are taken regarding the missing items

The maintenance and repair of infrastructure of the college are to be done by the electrical, electronic and civil works wings of the PWD. However immediate repair and maintenance works are done by the PTA.

Every year, Principal, on the basis of a development plan, forwards proposals, regarding infrastructural requirements including equipment, to the Director of Collegiate Education and also to the funding agencies concerned. The Government of Kerala allocates and sanctions funds based on assessment of the proposals, student strength, and the nature of the academic programmes offered by the institution.

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

College has a very few high precision instruments. The calibration and precision measures are taken whenever they are required and for the same the service personalities of the firms concerned are hired and the expense is met by the PTA.

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

The computer laboratories, the office and other sensitive instruments are connected through invertors/ UPS of sufficient wattage to upkeep and maintain from voltage fluctuation and power failure. Further, generators are used in some laboratories. A five thousand litre tank for water supply is installed in the campus.

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?

The hand book of the college is updated and published every year. The vision and mission of the college, various programmes offered, structure of the programmes, the number of seats available in each programme, the facilities available in the college, student support programmes etc., are included in the hand book. Through this document the college conveys its activities. By the successful implementation of the activities with the sincere cooperation of the staff and the students, the college ensures the commitment and accountability. As the admission is through the CAP of the university, details of the courses and the reservation policy etc. are given in the University Website and the College Website also, to guide the students who seek admission in the college.

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?

One of the objectives of the college is to provide education to socially and economically backward students. In tune with this objective, the college is keen to provide financial support to its students. A large number of students are availing freeships in the form of fee waiver. The socially backward students are provided with freeship and stipend. Scholarship Cell of the college makes the students aware of the various Central, State government scholarships and does all possible arrangements to the students for receiving the same. PTA and some Alumni associations also provide financial assistance to the economically backward but brilliant students. Following are the various central/ state scholarships provided in the college.

- UGC Scholarships
- Central Sector Scholarship
- Suvarna Jubilee Merit Scholarship
- Post metric Scholarship
- State Merit Scholarship
- Muslim Girls scholarship
- Higher Education Scholarship
- Merit scholarships by PTA and Alumni

The details of the various scholarships are given below.

	2011 – 12		2012-13		2013-14		2014-15	
	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount
Freeships	663		680		748		716	
Freeships with Stipend	335	3731733	308	4151413	344	4420875	302	4734554

Other scholarships	119		113		120		120	
PTA/Alumni	54	32000	54	32000	56	33500	60	62500

The attendance and progress of each student availing the scholarship are forwarded to the Welfare department of the government of Kerala and the amount is directly transferred to the bank account of the students, by the welfare department. Except for technical reasons, the amount is disbursed on time.

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

On an average 75% of the students are receiving either of the scholarships or freeships of the governments.

Year	Freeship (%)	Freeship with stipend	Other scholarships
2011 – 12	45	21	8
2012 – 13	45	22	8
2013 – 14	53	24	8
2014 – 15	51	21	8
2015 – 16	53	23	8

5.1.4. What are the specific support services /facilities available for the students of the following categories?

The following are the various support services provided to students of different categories.

a). Students from SC /ST, OBC and economically backward:The college provides seat reservations as per government rules for SC/ST/OBC students. 10% seats are reserved for economically backward students of forward community. SC/ST, OBC and economically backward students are provided with fee waiver and SC/ST/OEC students are provided with stipend also. Formal and informal remedial coaching and Scholar Support Programme are conducted for slow learners. Counseling and awareness programmes are conducted by Equal Opportunity Cell.

b). Students with physical disabilities: In every programme of study, one seat is reserved for differently abled candidates. If there are more aspirants for a particular course, the college can admit the student with the ratification of the university. Financial assistance is provided to the students of this category through fellowships. Classes are arranged for them in convenient places as far as possible. Scribes are provided for University Examinations and coaching classes for blind students are conducted under

the equal opportunity cell.

c). Overseas students

The college has no overseas students

d). Students to participate in various competitions /National and International

Sports & Games: The Physical Education department of the college is well equipped with basic infrastructure facilities. The facilities include play ground for Football, Cricket, Ball badminton, Handball, Athletics and facilities for Wrestling, etc. The department provides training camps for different items. Utilizing these facilities and the training camps, students of the college participate in the university/inter university/national completions and often bring laurels to the college. An intramural competition of sports and games is conducted every year in the college.

e) Art & Culture: Every year the college constitutes an Arts club with an elected student as Secretary and a staff member as President. *Sargotsavam* (competition of arts items) are conducted every year by the Arts Club. Students selected through this programme are given training by experts hired and they are motivated to take part in the A-zone/inter zone youth festivals of the university. Arrangements are done by the college for the students of the Music department to take part in *sangeetholsavas* to beheld at various places.

f) Medical assistance to students : health centre, health insurance etc.: Basic health care such as first aid facilities are available in the Physical Education department of the college. In case of emergency, a hospital is available just 500 meters away from the college. Also, the taluk hospital is only 2 kilometers away. Ambulance facility also can be arranged from the municipal office which is very near to the college.

g) Organizing coaching classes for competitive exams: The college organizes coaching classes for the students to perform in various competitive examinations under the merged scheme of UGC in the 11th and 12th plan period. Four batches of 100 students each got the benefit. The Career Guidance Cell of the college conducts various preparatory programmes.

h) Skill development (spoken English,computer literacy,etc.): College has conducted computer literacy programme at the entry level till 2010 – 11. But as computer education has become compulsory in the school syllabus and higher secondary syllabus, the digital divide among the students is minimal. Spoken English is included in the syllabus of all UG programmes, Nevertheless, it is not that much effective. The English department of the college, provides spoken English classes to the students using the facility of Language Lab. ASAP (Additional Skill Acquisition Programme), a scheme of the higher education department, Government of Kerala is introduced in the college. This provides the students to acquire additional skill in IT and other basic skills such as communicative English and the certificate of the same is issued by the government.

For facilitating the advance learners WWS (Walk With a Scholar) programme is implemented in the college from 2012 –13 onwards. The scheme proposes to arrange specialized mentoring programmes to the students to provide guidance. Through this programme the mentors (both internal and external) give necessary guidance, motivation and mental support to identify appropriate areas for higher studies as well as employment.

There are certain courses offered by the continuing education cell of the college. The students can pursue the courses in tandem with their regular programmes. However at present, the students have chosen only the DCA course.

To ensure equality and equity to the community at large and bring social inclusion of the socially and economically backward class students, Equal opportunity cell of the college conducts awareness programmes and counseling.

i) Spoken Tutorial programme: As an effort to take software education to the masses, the voluntary programme 'talk to a teacher' project of NMEICT is introduced in the college. The students can register their names and undergo online training in this programme. The successful students are awarded with certificates issued by IIT Mumbai.

j) Exposure of students to other institution of higher learning /corporate /business houseetc.: Students of the college are allowed to attend and participate in programmes such as academic seminars, co curricular and extracurricular activities at other institutions with the prior permission of the tutors concerned. Also, the college arranges programmes in association with external professional bodies and professionals in which students from the neighboring colleges are given opportunity to participate. Further, visiting centers of higher education/industries is one of the programmes included in most of the study tours conducted by the college.

k) Support for “slowlearners”: Slow learners are identified by the teachers and both formal and informal remedial programmes are arranged for them. Further, the subjects in which normally students perform badly are identified from the result analysis of the previous years and special coaching sessions are conducted in these subjects under Scholar Support Programme (SSP).

l) Publication of student magazines: College students union with a student editor elected from them as editor and a staff member as chief editor publish a magazine annually. This gives an opportunity to the students to publish their creative works. Also, departmental associations maintain wall magazines to present the manuscripts.

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

An Entrepreneurship Development Club is functioning in the college, organized by the department of commerce, to inculcate the culture of entrepreneurship among the students and to equip them with skills, techniques and confidence to act as forerunners of “Enterprise” for the new generation. The functions of the club include;

- Organize interactive sessions with successful entrepreneurs from outside as well as within the State.
- Organize workshops/debates, industrial visits to business enterprises within/outside the State.

- Interaction with the promotional agencies.
- Exposure to national and international events in various parts of the country related to industrial developments.
- Organize Entrepreneurship Clinics and Entrepreneur Awareness Programme.
- To introduce talented youths to industrial research organizations.

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

The participation, of students in extracurricular and co-curricular activities, is always promoted by the college with the financial assistance of the government and PTA.

Sports and games: In every UG programme of study, two seats are reserved for sports students. Adequate facilities are available in the college for various sports and games items. High quality sports materials are provided to the students and the sports uniform is provided by the PTA. Training programmes are organized in the college and students take part in the district/university/state level competitions.

The sports students can take part in the formal and informal remedial programmes and the scholar support programme for their lost classes. Flexibility in examinations is a matter to be decided by the university and the college has no role in this matter.

The college provides allowances to the participating sports students to meet their food and other needs as per the government norms. PTA also provides financial assistance to the players.

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.

Coaching classes for NET/SET examinations are conducted in the college regularly. Several students who attended the training classes have cleared the examinations in the last four years. Students from neighboring colleges are also allowed to attend the classes. Number of students who have cleared the NET Examinations in the last 4 years in various subjects are given below.

Subject	No. of students cleared
Geography	24
Economics	8
Mathematics	13

Music	4
Philosophy	5
Tamil	5
Commerce	13
Total	77

The college also has conducted coaching classes for the competitive examinations to enter state/central government services. Several reference books for competitive examinations are available to the students in the General Library as well as departmental library. Apart from the faculty members of the college, professionals from outside also have taken class in this programmes. The details are given below.

Year	Students attended	Students shortlisted for entry in service
2011 – 12	100	11
2012 – 13	100	9
2013 – 14	100	7

Several NCC cadets have cleared the C-certificate examinations in the last four years. A few of them are selected as commissioned officers and other lower posts. The details of the last four years are given below.

Number of cadets cleared C certificate	Number of cadets selected as commissioned officers	Number of students selected as NCO in defense
245	2	25

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

The college provides counseling to the students in various levels. This includes academic, personal, career and psychological levels. The various programmes are listed below.

Tutorial System: Every class has a class tutor. The tutor will guide the student in all his academic matters and if necessary, in personal problems also and the students have discussions with the tutor freely. The students who require further counseling are identified by the tutor and recommended to the professional counselor.

Walk With a Scholar Programme: The programme is implemented in the college to help advanced learners through mentoring. There are internal and external mentors. The scheme introduces the idea of mentoring and build in the concept of mentors as a *guide and friend*. It is planned to identify the suitable areas of higher education and employment opportunities for the mentees and provide mental support to achieve them.

Career Guidance: The career guidance cell conducts various programmes for the students such as soft skill development to equip the students in tune with the requirements of the job market.

Psycho-social counseling: Awareness programmes and personal counseling sessions are conducted by the Equal Opportunity Cell and women’s cell. Also, the women’s cell along with equal opportunity cell and NSS units of the college has conducted programmes on gender issues and legal issues with the help of legal professionals. The students who require counseling on personal matters are identified by the group tutor and counseling is given to them by professionals and it is arranged by the Equal Opportunity Cell and Women's cell.

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

The career guidance and placement cell of the college regularly organizes programmes to make the students aware of the requirement of the present day job market. The programmes were focused on the preparation of students in tune with the requirements. Due to the geographical remoteness of the college, there are very few occasions of recruitment drives with the college as a venue. However the cell takes initiatives to inform the students about the recruitment drives in the neighboring venues and makes arrangements to send them for the same. Quite a few of them are selected in such drives in the recent past.

Year	Firm	No. of students attended	No. of students selected/ short listed
2015-16	L & T, Time Palakkad, CAS Institute Palakkad, Eureka Forbes, Mathrubhumi Publications	171	3
2014-15	ICICI, Aptech Education, GNIIT	260	10

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.

The college has a students’ grievance cell consisting the principal, vice principal, senior staff members and student representatives. There were only very few occasions in which the cell has to meet. Minor problems between students are solved in the spot itself by the timely intervention of the staff members.

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

An antisexual harassment committee consisting of senior lady teachers and lady ministerial staff is functioning in the college. However, there were no instances of sexual harassments reported in the college in the past.

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, Not much instance have reported during the last four years.

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

- PTA Awards
- Subsidized Canteen
- Subsidized co-operative store
- Fee Concessions
- Subsidized Hostel Facility
- Endowment prizes constituted by some Alumni

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. Alumni helps the college for building infrastructure facilities, a spoken English classes, and career oriented classes are conducted by professions under the auspicious of College alumni. Till recently some alumni contributed space for the college website. Very recently the alumni agreed to construct an open auditorium in front of the college.

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	%
UGtoPG	35
PGtoM. Phil.	2
PGtoPh.D.	5
Campus selection	2
Other than campus selection	10
Self employed and others	46

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 with in the city/district.

The figures relating to the pass percentage of the college are given below. The figures relating to other colleges in the district are not available:

PG Departments

	B.A. Economics			M.A. Economics		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	49	44	90			
2012-13	50	44	88			
2013-14	50	44	88	20	20	100
2014-15	47	42	89	20	19	95
2015-16	40	38	96	20	20	100

	B.Com			M.Com		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	55	48	87.27	16	16	100
2012-13	54	46	85.18	15	15	100
2013-14	57	53	92.98	15	15	100
2014-15	55	53	96.36	19	18	94.73
2015-16	55	53	96.36	18	18	94.73

	B.Sc. Geography			M.Sc. Geography		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	31	26	84	13	12	92
2012-13	30	29	97	13	12	92
2013-14	31	28	90	13	13	100
2014-15	27	26	96	13	13	100
2015-16	27	25	92.5	13	13	100

	B.Sc. Mathematics			M.Sc. Mathematics		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage

2011-12	23	21	91	12	11	92
2012-13	24	20	83	13	10	77
2013-14	21	17	83	13	10	77
2014-15	22	19	86	13	10	77
2015-16	22	19	86	13	10	77

	B.A. Music			M.A. Music		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	17	4	24	6	6	100
2012-13	11	6	55	5	5	100
2013-14	18	8	44	1	1	100
2014-15	19	10	53	6	5	84
2015-16	18	9	50	7	5	60

	B.A. Philosophy			M.A. Philosophy		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	32	27	82	13	13	100
2012-13	34	30	88	12	10	83
2013-14	32	28	89	13	13	100
2014-15	32	24	75	15	13	87
2015-16	25	20	80	15	12	80

	B.A. Tamil			M.A. Tamil		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	17	9	55	14	14	100
2012-13	9	7	78	4	4	100
2013-14	11	6	50	6	6	100
2014-15	14	14	100	14	14	100
2015-16	19	19	100	14	14	100

UG Departments

	B.A. Malayalam			B.A. History		
Year	Appeared	Passed	Pass	Appeared	Passed	Pass

			Percentage			Percentage
2011-12	25	22	88	35	30	86
2012-13	23	21	83	30	26	86
2013-14	22	22	100	31	28	94
2014-15	28	28	100	31	29	94
2015-16	26	26	100	25	23	92

	B.Sc. Botany			B.Sc. Chemistry		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	21	16	76	22	19	86
2012-13	19	16	84	18	14	78
2013-14	20	19	95	22	18	82
2014-15	22	19	86	22	19	86
2015-16	22	19	86	20	20	100

	B.Sc. Electronics			B.Sc. Physics		
Year	Appeared	Passed	Pass Percentage	Appeared	Passed	Pass Percentage
2011-12	22	17	77	20	18	90
2012-13	27	21	78	25	21	84
2013-14	21	14	67	24	21	88
2014-15	19	18	95	27	23	85
2015-16	23	12	52.2	21	17	81

	B.Sc. Zoology		
Year	Appeared	Passed	Pass Percentage
2011-12	18	15	85
2012-13	19	17	88
2013-14	25	17	68
2014-15	24	21	89
2015-16	20	18	90

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

The institutions of higher learning of the subject concerned are discussed in the tutorial hour of the class and thus the students are often familiar with them. Further, the career guidance and placement cell (UGC funded) identify job opportunities and higher education facilities. Students are informed of the higher education institutions, courses offered and admission procedures.

Notifications of admission to premier institutions are made available to the students and they are encouraged to seek for admission in various premier institutions.

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

As the tutor is interacting with the students regularly, he/she can easily identify the possible drop outs and finds out the reason behind it. The department provides all possible support to them through counseling. If necessary, the problems are discussed with the parents in the class PTA meetings. Also, if necessary, individual academic support and in some cases financial support are also provided to them. However, there are very few cases of drop outs from the college in the recent past.

5.3. Student Participation and Activities

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

The college ground facilitates the students to play football, hockey, volleyball, high jump, long jump, Facility for shuttle badminton, Judo, Wrestling is also available. Students make use of the ground for Athletics too.

The college has a well-furnished auditorium, a music concert hall and a newly built seminar hall, which helps the students for conducting their arts festival ‘Sargotsavam’. Students whole heartedly participates almost all events.

The college conducts these events following the university calendar.

**Participations Details of the students in Sports & Games:
2016-17**

Name	Item	Status
Renjith	20KM Race Walking	Gold medal with Record (University Level) & 4 th in All India Inter Varsity Championship

2015-2016**National level**

Name	Item	Status
Renjith	20KM Race Walking	Participation
Subin	Triple Jump	Gold Medal
Prasad	Wrestling	Participation
Vishnuprasad	Wrestling	Participation
Satheesh	Wrestling	Participation
Vimal M	Wrestling	Participation
Shahul Manshu	Wrestling	Participation
Kannan	Athletics	Participation
Thejas	Athletics	Participation

2014 – 15

Name	Item	Status
Prasad P	Wrestling	Participation in junior national wrestling championship
SATISH.S	Wrestling	Participated At Senior National Wrestling Championship
VISHNUPRASAD	Wrestling	Silver Medalist, Senior National Wrestling Championship
SUJITH	Ball Badminton	Participated All India University Tournament
SHIJOY	Ball Badminton	*Participated All India University Tournament * Silver Medal In Junior Ball Badminton

		Tournament
MADHU.M	Ball Badminton	Participated All India University Tournament
JAGANADHAN.G	Hand ball	Participated junior national handball tournament
KANNAN.C		Silver Medal- National Tribal Sports At Ranchi
SUBHIN.S	Tripple Jump	All india inter university athletic meet at punjab
SAMILI.R	Indian Style Wrestling	Participated senior national
JJITHA R	Indian Style Wrestling	Participated senior national

2013-2014**National Level**

Name	Item	Status
Kiran M	Water Polo	Participation
Sujith E S	Swimming	Participation
Midhun M	Handball	Participation
Deepak	Handball	Participation
Deepesh	Handball	Participation
Vipin	Handball	Participation
Ajay K	Wrestling	Participation
Sujith K	Ball Badminton	Participation
Naufal	Wrestling	Participation

Rahul R	Wrestling	Participation
Bagath B J	Wrestling	Participation
Rahul P	Judo	Participation
Vishnuprasad	Wrestling	Participation
Vipindas	Wrestling	Participation

State Level

Name	Item	Status
Vishnuprasad	Wrestling	Silver(Intercollegiate)
Vysakh	Wrestling	Silver(State)

2012-2013**National Level**

Name	Item	Status
Bijoy	Handball	Participation
Deepesh	Handball	Participation
Deepak	Handball	Participation
Midhun	Handball	Participation
Gopikrishnan	Handball	Participation
Vishnuprasad	Wrestling	Participation
Prasanth	Wrestling	Participation

State Level

Name	Item	Status
Vishnuprasad	Wrestling	Gold Winner in State Wrestling Championship

2011-2012**National Level**

Name	Item	Status
Rahul R	Wrestling	Participation
Sujith C S	100 m Relay	Participation
Shahul Manshu K	Wrestling	Participation
Vipindas V	Wrestling	Participation
Rahul R	Judo	Participation

Naufal	Wrestling	Participation
Sujith K	Judo	Participation
Bagath B J	Wrestling	Participation
Prasanth C	Wrestling	Participation
Krishnaprasad	Wrestling	Participation
Baiju K	100 m Relay	Participation
Bijoy	Handball	Participation
Deepak	Handball	Participation
Deepesh D	Handball	Participation
Sujith E S	Handball	Participation
Midhun	Handball	Participation

State Level

Name	Item	Status
Priju P	Wrestling (Indian Style)	Gold Medal
Renjith G	Wrestling (Indian Style)	Silver Medal
Bagath B J	Wrestling (Indian Style)	Silver Medal
Krishnaprasad	Wrestling (Indian Style)	Silver Medal
Manu H	Wrestling (Indian Style)	Silver Medal
Shahul Manshu	Wrestling (Indian Style)	Silver Medal
Krishnaprasad	Judo	Silver Medal

2010-2011**National Level**

Name	Item	Status
Bijoy V	Handball	Participation
Sujith S	Handball	Participation
Mohammad Navas	Handball	Participation

Sujith S	Handball	Participation
Sujith E S	Swimming	Participation
Arun A	Swimming	Participation

State Level

Name	Item	Status
Arun A	Swimming	Third Place
Pushpalatha	Swimming	Third Place (Intercollegiate)
Pratheesh K	Swimming	Participation (Intercollegiate)
Praveen B	Judo	Second Place(Interzone)
Praveen	Wrestling-60 kg	Gold(Interzone)
Naufal	Wrestling-74 kg	Gold(Interzone)
Rengith G	Wrestling-55 kg	Gold(Interzone)
Priju P	Wrestling-66 kg	Gold(Interzone)
Boban C	Wrestling-50 kg	Silver (Interzone)
Rahul R	Wrestling-50 kg	Silver (Interzone)
Shahul Manshu	Wrestling-84 kg	Silver (Interzone)
Krishnaprasad	Wrestling-96 kg	Silver (Interzone)
Naufal	Wrestling-70 kg	Gold(State)
Rahul	Wrestling- 55kg	Gold(State)
Boban C	Wrestling-50 kg	Gold(State)
Krishnaprasad	Wrestling-96 kg	Gold(State)
Chandrasekhar	Weight Lifting	Silver(State)

2009-2010**National Level**

Name	Item	Status
Shahul Manshu	Wrestling	Participation
Praveen B	Wrestling	Participation
Sajin K	Swimming	Participation
Sindhu	Swimming	Participation

State Level

Name	Item	Status
Naufal	Judo	Third Prize
Naufal M	Wrestling	Participation(State)
Renjith G	Wrestling	Participation(State)
Praveen P	Wrestling	Participation(State)
Boban C	Wrestling	Participation(State)
Ratheesh	Wrestling	Participation(State)
Vinitha C	Wrestling	Second Prize(Kerala State Wrestling Championship)
Volleyball Team	Volleyball	Fourth Place(Intercollegiate)
Chandrasekharan	Weight Lifting	First (56 kg Championship)
Handball Team	Handball	Silver(Intercollegiate tournament)
Praveen B	Judo 60 kg	First(Interzone)
Priju P	Judo 66 kg	Second(Interzone)

Shahul Manshu	Judo 73 kg	Second(Interzone)
Rahul R	Judo 55 kg	Second(Intercollegiate)
Vinitha C	Judo 48 kg	Second(Intercollegiate)
Susmitha	Yoga	Second (Interzone)
Vineeth	Water Polo	First (Interzone)
Arun A	Freestyle Swimming	Second(Interzone)
Sajin K	Swimming - Relay	Gold
Sajin K	Swimming - Freestyle	Second
Ajitha	Swimming - Backstroke	Gold
Pushpalatha	Swimming - Backstroke	Gold
Sindhu A	Swimming - Butterfly	First Prize
Sindhu A	Swimming - Freestyle relay	Bronze Medal
Sindhu A	Swimming - Medley	Bronze Medal

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

Arts Festival:2014 – 15

- Yadu S Marar – Kalapradibha(Kathakali Sangeetham – I, Carnatic Music – I, Lalitha Ganam – II).
- Aswathi – Malayalam Prasangam – I,(Interzone), Rangoli – I
- Rugma – Pookalam I
- Group Song – I
- Folk Dance – I (boys), II(Girls)
- English Drama – II
- Hindi Drama – II
- Vishnu M - Best Actor (English Drama)
- Jayadarsan – Mimicry – II
- Mime - II

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

The college collects feedback from the final year students every year. A committee has been formed with a convener to monitor and evaluate the feedback and effect the needed corrections. The college also receives feedback from the institutions where the old students of the college are employed, which reinforces the efforts of the college to provide more facilities to the 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 college union annually publishes magazines which highlight the literary and artistic skills of the students, and is a bona-fide record of the cultural, sports and academic activities of the college. Besides, every department publishes wall magazines

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

The college has a Students' Union, elected democratically in the presidential method, consisting of Chairman, Vice Chairman, General Secretary, Joint Secretary, two University Union Councilors, General Captain, Arts Club Secretary, Representatives of each batch and Association Secretary for each department. Notification for College Union Election is announced by the university. A Returning Officer is appointed by the principal as per the recommendations of the college council, and elections are conducted according to the guidelines of Lyngdoh Committee. The major activities of the Union include organizing various academic as well as cultural events, such as Sargotsavam (Fine Arts Festival), annual sports meet, publishing college magazine, selection and support of students for university arts festivals, and facilitating various programmes of the college etc., to nurture the talents of the students

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

The various bodies in the college that are having representatives student are,

- The students' Union
- The College Development Council
- The Anti-ragging Cell
- The Anti-sexual Harassment Committee
- Library Advisory Committee
- Women's Cell
- Student IQAC

5.3.7. How does the institution network and collaborate with the Alumni and former faculty of the Institution. Any other relevant information regarding Student Support and Progression which the college would like to include.

The Alumni association conducts regular meetings in the College during which ideas and plans are exchanged. Some seminars, workshops, endowments and modification of existing facilities were done with the help of Alumni.

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

महाजनो येन गतःस पन्थाः (Mahājanō yēna gathāḥ sa panthāḥ) 'The path travelled by great people is the right path' – is the motto inscribed in the logo of the college. The vision of the college is to provide its students a nurturing environment to the acquisition of knowledge and outlook that would enable them to tread the path trodden by great people.

Mission

- To provide access to higher education to youth, especially of socially and financially backward categories, in the rural-agrarian environs of the college and motivate them to chase ambitious career goals.
- To provide wholesome education in various disciplines
- To train the students to approach knowledge with a spirit of enquiry and questioning, rather than a limited aim of memorizing and rote-learning
- To impart value based education to the students and make them self-motivated and socially and politically conscious individuals who would be an asset to society and the nation.

The college envisages in developing right attitude and knowledge among its students by imparting value education, with rigorous positive content based on our cultural heritage and national and universal goals and perceptions, which promote the unity and integration of the nation and help eliminate violence, fanaticism, superstitions, cynical thoughts, etc, from the minds of young people. Further, the mission of the college is to offer quality education to the students, especially from the deprived classes, for their all-round development, for developing scientific temper and research attitude among them and to develop manpower for the different levels of our economy. As one of the key principles of our higher education policy proclaims *education is a unique investment for the present and future*, the college believes that the aspects of the vision and mission are in tune with the objectives of our higher education policies.

The college tries to provide peaceful environment and sufficient infrastructure facilities that are conducive for quality education and thus try to uplift and lead the students to progress. The activities in the college such as the streamlined extension works of NSS and NCC units, the voluntary social service offered by each student independently by associating with NGOs for accomplishing CSS, the activities of students' union etc. develop the spirit of unity and service to the society and leadership quality among the students.

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

The college is managed by the Department of Collegiate Education under Government of Kerala. The Collegiate Education Department, to enhance the quality of higher education in the state, designs new programmes periodically.

The new initiatives and programmes that are to be implemented in the college are informed through the website of the department. Principal on the basis of the information and directions received from the director, implements them effectively in a way that is most suited for the institution. The customary academic activities are managed by the heads of the Departments concerned. In the administrative office, powers are delegated to various sections and they function under the supervision of the Superintendent. When new decisions are taken, committees are formed by the Council for the effective implementation of the same. The office proceedings of the decisions are circulated among the staff, departments and students and the copies of the same are displayed on the notice board.

A number of quality improvement programmes are undertaken by the faculty members for keeping updated with the latest developments in their respective fields of study and also to keep in touch with the newer teaching strategies. Some of these programmes for faculty are as follows.

- A research forum for promoting research among the faculty members.
- Training classes for use of new ICT enabled teaching methods.
- Motivation programmes like FLAIR for young faculty members.

Several initiatives are also implemented for students. Some of these are

- Training programmes like ASAP and courses like those undertaken by CCEK for additional skill acquisition.
- Mentoring sessions in programmes like Walk With a Scholar and by the college Counseling centre.
- Personality development classes organized by counseling centre and also in tutorial sessions.
- Social awareness programmes through NSS and women empowerment cell.
- Special training programmes by equal opportunity cell.
- Various clubs like Bhoomithra Sena and others.
- Creating the need for social responsibilities through CSS.
- Promoting fitness through sports activities.

6.1.3 What is the involvement of the leadership in ensuring:

a) The policy statements and action plans for fulfillment of the stated mission: All activities in the College are done with a view towards achieving its mission and always done in the spirit of its vision. In tune with the policies and programmes of the government and the Department of Collegiate Education, the IQAC, with the consent of the staff council, formulates action plans for the implementation of these policies and programmes and for mobilizing physical and intellectual resources and, takes steps to

ensure that these programmes are successfully carried out. Facilities like interactive smart classes, Computer lab with internet, sophisticated labs for different science subjects, IT facilities, public address systems, website, annually updated general library which is networked using *KOHA* software and department libraries are a few of the physical facilities mobilized and utilized for fulfilling the mission of the institution. In addition to these, the college assures a clean environment and a green compound and hosts a number of sports activities. Most of the students are in receipt of scholarships or fee concessions, thereby lessening their burden. A democratically elected college union understands its responsibilities and carries out programmes to the benefit of the students.

b) Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan: Suggestions and ideas are evolved in the regular meetings of the staff council, PTA, the students union and other cells of the college. Incorporating these ideas, IQAC formulates an action plan. IQAC, together with the various components of the college such as staff council, PTA etc, ensures that the action plan is implemented successfully.

c) Interaction with stakeholders: PTA holds regular meeting and discusses the various possibilities for development of the College. An active part is also taken by the alumni of various departments.

d) Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders: Discussions and interactions provide support for policy and planning through need analysis, research inputs and consultations with the stakeholders.

e) Reinforcing the culture of excellence: Students are provided with several platforms for academic as well as artistic development. An arts club and a Campus Theatre, are functioning in the College that works for the all-round development of a culture of excellence.

f) Champion organizational change: The reforms, both in academic and administrative are implemented in the college within its limitations. The student centered teaching and learning process, continuous evaluation, offering maximum number of open and elective courses, use of ICT are some of the changes that took place in the teaching learning methodologies. In the administrative level, digitization of the library and automation of the college office are some of the instances in which the College champions organizational 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?

Principal leads both academic and administrative activities of the college. He is ably supported by the vice principal, the staff council, IQAC and other cells in the implementation of all programmes. The feedbacks of the programmes from different stake holders such as heads of the departments, faculty members, students and students'

union representatives, are collected by the Principal through formal and informal meetings. On the basis of these feedbacks and the current year action plan, the principal and the committee of the staff council analyzes the appraisal reports of the conveners of various cells and, if necessary, initiate interventions for the better implementation of the programmes.

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

Being a government college, the Director of Collegiate Education holds the position of the top management. With a vision to completely make use of the potential of faculty members, the Department of Collegiate Education maintains a Scholar Portal through which each faculty member gets a chance to share his experience, knowledge and innovative ideas with students and other faculty members. This also promotes innovation and inventions in the field of teaching, learning and research of each teaching member of the department. The Department appreciates the innovations and thereby ensures greater motivation. Besides allowing all eligible faculty members to avail the faculty improvement programme of UGC and other similar agencies, the Department sponsors and supports various academic programmes with funding. Some of them are:

- To motivate young teachers who are also researchers, programmes like FLAIR are introduced.
- Training sessions for programmes like ASAP, WWS and SSP which also benefit the faculty.
- Providing fund for conducting seminars/ workshops in the recent developments in various disciplines.
- Providing duty leave for ten days in an academic year to attend academic seminars.

6.1.6 How does the college groom leadership at various levels?

The leadership of the College is actively done by the Principal taking into consideration various factors. Programmes are always envisaged in such a way as to utilize completely the strengths of the College. Programmes are always planned to be futuristic and time bound. The Principal provides instructions to various Department heads who, in turn, communicate these to the respective faculty members. The Department level activities are coordinated by the faculty members. Various faculty members who are in charge of several students based committees of the institution ensure that the activities of such committees reach out to each and every student of the college. In each of these committees, decisions are taken and reviewed at various levels. The proper implementation of the institutional policies and programmes is achieved through mutual understanding and appreciation.

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?

Decentralization of the College administration is an important factor that contributes to the development of the institution. Each member of the administrative

staff is given charge of specific sections such as accounts, establishment section, purchases, examinations, scholarships and student affairs. The activities of these various sections are coordinated by the Senior Superintendent. The administrative personals of the college office regularly communicate with the heads of Departments to ensure that the benefits of the effective functioning of the administration reach out to the students.

Appropriate steps are taken by the heads of the departments, ably supported by other staff members, to guarantee worthy teaching learning process and preparing the students to face challenges of the modern world. The departmental documents are also maintained by the heads of the departments. College has several committees comprising of faculty members and stakeholders for implementing various programmes. As a whole, the administration of the college is decentralized for all academic/administrative activities and this helps in establishing a strong binding between the administration and the stakeholders.

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

Yes. College promotes a culture of participative management through several methods. College staff council regularly meets and discusses the current issues and takes into consideration the opinion of each and every member. The innovative ideas, opinions and suggestions that are evolved in the meetings of the faculty members, administrative staff and students are appreciated and incorporated in the decision making process. PTA ensures that the role of parents is not neglected and the decisions taken in PTA meetings are always of a collective nature and in lieu with the aspirations of the parents. College Development Council (CDC), headed by the District Collector, with the Principal, selected staff members, student representative, members of the public, and other stakeholders as members, plays an important role in infrastructure development of the institution. The importance of a strong relationship between the different strata of the college is always well appreciated and all activities of the College are in tune with this aspect. Apart from the Council meetings, several other arenas for collective interaction are provided in the college, such as the interdisciplinary initiative of teachers, which is a discussion forum consisting of the faculty members that meets once in every week and the staff club.

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?

Although Government College Chittur is located in Chittur- Tattamangalam municipality, practically, it caters to the needs of students from a vast expanse of backward areas including tribal and Tamil linguistic minority areas. Most of the students of the college are from families with agricultural background. Reflecting these facts the quality policy of the college is devised and it is structured to meet the demands of the future. The main feature of the policy is to maintain and improve the levels of the teaching and learning processes. Performance in the qualifying examination is the only criterion for admission to various programmes which is applicable to reserved seats also. In tune with the vision and mission of the college, the policy envisages to give

priority to academic excellence, personality development and social commitment. The activities are evaluated regularly through formal and informal feedbacks from students and other stakeholders and if necessary, improvisations are made, to ensure that the aims are achieved maximum.

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

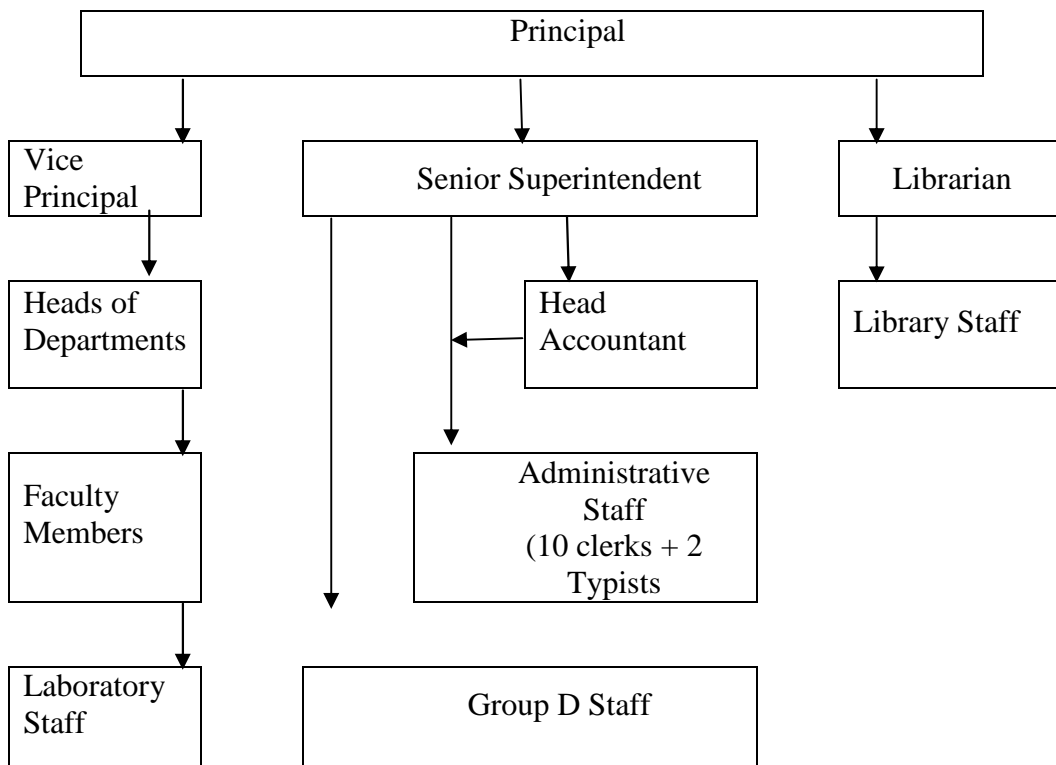
The Institute prepares plans to develop its vast resources to provide manpower that caters to every need of the future society, which is also in accordance with its vision. The main strategy for this is to start more courses in subjects like Malayalam, Physics, Chemistry, Botany, Zoology and Electronics. College also utilizes the potentials of new initiatives like ASAP and also courses started by CCEK for more skill acquisition programmes and job oriented courses. College has been requesting the State Government for sanctioning of more such courses and has succeeded in starting PG course in Economics in 2012 with 20 students. Also the PG Department of Mathematics has been raised to the status of a Research Department in 2015.

Most of the buildings of the college were constructed decades back and not suited for equipping modern day requirements. To overcome this difficulty the college has submitted plan and estimate for new buildings and at present, an academic block, a seminar complex and a hostel for researchers and teachers are sanctioned and the construction of them are at various stages in the campus. Sanction is also accorded for the construction of a new library building, PG class rooms for Economics department and common facility center for lady teachers. College also takes measures to keep the campus eco-friendly and for managing the waste at the source itself, bio gas plants are installed in the college canteen and in the college hostel. To keep up with the requirements of energy savings, College has installed solar power sources in the seminar complex and in the hostels and proposes to invest more to meet the power requirements. College proposes the following major programmes for the next five years:

- (i) Starting of more undergraduate and postgraduate programmes
- (ii) Develop the existing PG Departments to Research centers
- (iii) Obtain more funding for research activities of the faculty members
- (iv) Further development of sports facilities
- (v) Construction of a multipurpose indoor stadium and space for gymnasium
- (vi) Construction of an Amphitheatre

6.2.3 Describe the internal organizational structure and decision making processes.

INTERNAL ORGANIZATIONAL STRUCTURE



Staff Council: This is a statutory body in which all heads of the departments, librarian, the senior superintendent and two elected representatives of the teachers are members. Staff council meets at least once in every month and discusses all issues for the smooth running of the institute. The governmental policies and programmes are first discussed in the council. Decisions are evolved in the meetings about the implementation of the programmes in a manner that is most suited to the institute.

IQAC: All development plans of the college are designed by the IQAC and with the consent of the staff council, it makes an action plan for them and also for the governmental programmes. The implementation of this action plan is vested with IQAC.

The College Development Committee (CDC): It is constituted as per the orders of the Government. The composition of CDC is as follows.

Chairman: District Collector

Secretary: Principal

Members:

1. PTA Vice President
2. Assistant Engineer- PWD Buildings Division
3. Alumni Association representative

4. Senior Faculty Member nominated by staff council
5. College Union Chairman (Student Representative)
6. A technical expert from the society.

CDC regulates the utilization of the amount received from the parents and the matching grant received from the government to the CDC. Development of the infrastructure and procurement of equipment/furniture are the key areas in which the fund is utilized. The College Development Committee monitors the progress of different aspects of the College and takes steps to obtain more funding which is required for continuous development of the institute. Often, the chairman of CDC who is also the district collector allocates fund from other sources for the development of infrastructure facilities. For the development of drinking water facilities, the chairman has allotted Rupees Three lakhs from the drought relief fund is one such instance.

Admission Committee: This committee is in charge of the admission of students as per the rules of government and the university.

Library advisory committee: This committee takes steps for the overall development of the College library and ensures that the library resources are fully available to students. It is in charge of the purchase of new books and subscription to journals.

Purchase Committee: Principal heads the purchase committee which consists of faculty members selected by the College Council. It discusses and decides upon the purchase of required materials, in accordance with the purchase rules and ensures that through this process, the requirements of all Departments are met satisfactorily.

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

• **Teaching & Learning:** College is well equipped with all resources required for teaching and learning of the highest standards. The college library is always kept updated through regular purchase of new books and maintenance of subscription to national as well as international journals. There are over 90000 books and the number of journals currently subscribed to is 17. The library is linked to all Departments through the Local Area Network. This provides easy access to the library from any department. The College is also part of the INFLIBNET service provided by the University Grants Commission. All faculty members and students are given access to international and national journals through this facility.

All departments are provided with smart class room facility. Modern methods of teaching using ICT resources are used. Other teaching methods using INFLIBNET, EDUSAT, interactive boards, LCD projectors, and laptop computers are increasingly employed in the classrooms to keep pace with the information explosion round the world. College provides opportunity to the teachers to attend orientation and refresher courses to make improvements in teaching. A Digital Language Lab is set up to improve the language proficiency among teachers and students. The centralized computing facility enhances the IT skills of our students and facilitates better teaching

and learning. The college has an interesting platform for exchange of ideas across different disciplines through the ‘Interdisciplinary Initiative of Teachers’.

- **Research & Development:** College has a research forum which conducts regular meetings and holds discussions for promoting research. The forum also provides impetus for teachers to take up research and encourages faculty members to carry out major as well as minor research projects, funded by various agencies like the UGC. Nearly thirty five minor/major research projects funded by various agencies are undertaken by the faculty members of the college in the last five year. Currently the departments of Tamil, Philosophy, Music and Mathematics are research departments.
- **Community Engagement:** College organizes several activities to reach out to the Society and to make possible the student – community interaction. Programmes like blood donation camps, reforestation activities, campus cleaning, awareness campaigns, involvement in palliative care programmes for patients and old people, taking part in surveys organized by governmental and non-governmental agencies, ‘eco dialogue’, a programme for making the school students aware on key issues like environmental protection, conducting science exhibition at schools are a few of such activities. Many of the above programmes are done by students as part of CSS work also.
- **Industry interaction:** Various departments of the College always keep a healthy interaction with industries. Students from the departments of Chemistry, Physics, Commerce and Economics visit industries, both as part of their curriculum and also as extracurricular activity. Project work of several UG and PG students are done in collaboration with some industry. Entrepreneurship and management studies are also done in combination with industries. The Entrepreneurial Development Club of the college conducts programmes by inviting entrepreneurs and industry officials. The Career Guidance and Placement Cell of the College provides access to students to the requirements of the job market and thus caters to the needs of the industries too.

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 activities of the College are divided among the faculty and some faculty members are in charge of committees. Principal regularly holds discussions with the coordinators of all such committees and takes stock of the current scenario in each case. The results of such discussions are presented before College staff council and suggestions and improvements are sought. Other matters dealing with the overall development of the College are also discussed in council meetings. The heads of departments present the views offered by the faculty in their respective departments and this is summarized in the Council meeting. Principal considers all these and the council finalizes the decisions and these reports are sent to the Directorate of Collegiate Education from time to time. The feedback from the stakeholders are also always taken into account.

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 Management (Department of Collegiate Education) plays an important role in motivating the faculty towards academic progress and efficiency. The faculty members are encouraged to participate in and organize seminars, workshops and conferences for which funding is provided. Faculty members are given periodic training by way of orientation, refresher courses and through the FLAIR programme for young teachers to improve their performance. They are also provided with added benefits for securing PhD/M.Phil. degrees/professional degrees. Many faculty members are engaged in doctoral research and project work. They are also encouraged to take up minor as well as major research projects funded by different agencies like the UGC.

In addition to the encouragement given to faculty members in the academic matters, they are encouraged to take up administrative responsibilities too. The faculty members are given charge of various programmes like SSP, WWS, ASAP, CCEC and other UGC sponsored programmes on a rotation basis ensuring that every member is entrusted with at least one programme. Trainings are given to the faculty members on the implementation of the programmes. The Institute for Management in Government also provides orientation programmes for the teaching and non-teaching staff on a regular basis.

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

Some of the main issues discussed and taken into account were the introduction of more PG courses in science subjects, to encourage more faculty members to take up research projects funded by agencies like UGC and DST, the construction of a PG block and new Library block. College has submitted proposal to the government for sanctioning of Science PG courses. A peer team constituted by the Director has visited the college and has recommended the same. This is currently under consideration of the government. PG block is under construction and the construction of the Library block will start soon. Several other plans proposed earlier such as seminar hall, renovation of drinking water facilities are being carried out.

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. However, college has not taken effort for the same as the eligibility for getting the status of autonomy is 'A' grade in the previous NAAC accreditation.

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

Most of the grievances of stakeholders are readily taken into account through discussions in the relevant grievance cells and immediate remedy is sought for all such problems.

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 were no such instances.

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?

Yes. The institution collects feedback on the performance of each faculty member, as also on each course of study, and uses the feedback from students for enhancing the performances of the faculty members and institution. Feedback is also received through PTA meetings and in all cases, corrective measures are taken for issues affecting the development of the College.

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?

College organizes seminars and programmes for helping the teachers to keep abreast the latest trends in their fields of study. Teachers are given training in the use of modern equipment and methodology in teaching and evaluation. College provides facility to all the faculty members to attend refresher and orientation courses. Faculty members are relieved of their teaching duties to attend National/and International seminars under work arrangement. INFLIBNET, Digital language Lab, and other laboratories help to improve the innovations of the faculty members and also provide the facility for self-improvement. All faculty members are encouraged to apply for Minor/Major projects funded by UGC and other funding agencies and to pursue research work individually. Computer training is given to all teaching and non-teaching staff to do their work more efficiently and effectively. In association with professional agencies college takes the initiative to impart innovative knowledge among teaching staff. The non-teaching staff of the college are deputed for training programmes conducted by the Government of Kerala at the Institute of Management in Government. The College Administration is now almost fully automated and steps are taken to ensure that the benefits of these reach out to the stakeholders.

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?

College supports the Faculty members to attend the seminars, workshop and conference both national and international. College felicitate those members who received awards or recognition by duly facilitating in college council, and issuing notices and publishing in the college website. College also conducts workshops on any new technology introduced in the curriculum

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.

Teachers of the college prepare their self-appraisal report and the College takes the feedbacks from stakeholders, especially from students, for evaluating the level of competency. These are used to assess the performance of the staff. A committee is formed to assess the feedbacks and passes the information to the teacher concerned through the principal so that they may make necessary improvements in their performance. Issues regarding teaching and learning in the feedbacks are discussed in the department meetings and reach to a consensus. Department level PTA meetings are regularly held and the performance of faculty is assessed from the feedback obtained from these too. Remedial measures are taken to ensure that the resources available in the institution are fully and correctly utilized. College Council also discusses such issues and takes decisions for corrective measures if required.

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?

On the basis of performance appraisal reports and analysis of feedback and other data, principal and Heads of the department inform the same to the teachers concerned and if necessary, motivate them to take corrective measures. Department staff meetings address specific issues in teaching and learning pointed out by the students, and tries to arrive at a consensus regarding the corrective measures required and takes appropriate decisions accordingly. General issues are discussed in the staff meetings also. College communicates these decisions through notices and circulars.

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?

Department of Collegiate Education, Government of Kerala adopts strategies for faculty welfare which includes monetary and career advancement benefits for those with higher qualifications such as M.Phil. and Ph.D. There are opportunities for those who wish to improve their qualifications using the FDP scheme of UGC. House Rent Allowance is provided to every staff member. There are also schemes to provide loans for those who wish to buy/construct houses or to purchase computers. Medical

reimbursement benefit is available to all staff members. At the institutional level, College Council motivates faculty members through prompt appreciation of exceptional merit and talent and by providing opportunities for self-expression.

6.3.6. What are the measures taken by the institution for attracting and retaining eminent faculty?

Being a Government institution, College adheres to the service rules as decided by the State Government. Within its limitations, the college creates an academic ambience which helps foster the talents of teachers. The peaceful and green atmosphere of the campus provides good teaching experience and also enables teachers to pursue their research activities. The interdisciplinary initiative of teachers provides an excellent platform for teachers to express their views and to develop their skills. Such measures help the College in retaining eminent faculty and to attract skilled faculty members.

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 proposals for purchase of equipment and other developments received from all Departments are submitted to the Government by the principal every year. The sanctioned amount is distributed among the various Departments and for purposes pertaining to the College at large through the meetings of the staff council. The college has a purchase committee which monitors the purchase of items using the funds from the State Government and from other agencies like the UGC. For the effective implementation of various scheme of the UGC/state government, coordinators from the staff are selected and the whole process is monitored by a convener. The coordinators in charge of specific schemes ensure that the received funds are utilized properly. The principal is in charge of all types of funds of the college and funds are disbursed from the office only on the basis of the certification of the work by the coordinator concerned. The principal and the office superintendent make sure that the remittances are made as per rules. PTA fund is utilized only with the approval of PTA Executive Committee and the utilization records are kept by the secretary of PTA. Before placing the proposals in the executive committee, the proposals received by the PTA are assessed by the staff council and makes sure that the suggestions in the proposals benefit the students. The CDC fund is utilized as per the decisions of the College Development Council, headed by the District Collector.

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.

All the accounts of the college are regularly audited. There are three types of audits done in the college.

- a) The utilization of the UGC funds is audited by the registered Chartered Accountant
- b) The Collegiate Education Department audits the college accounts annually
- c) All the audits done are subjected to external audit by the Office of the Accountant General, Kerala.

The last audit was held in September 2014 by the audit department of the Department of Collegiate Education and there were no major audit objections in the report.

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.

Tuition fees, special fees and CDC fund, collected at the time of admission are the important source of institutional receipts, and these amounts are remitted to the government treasury account. As an additional source of revenue PTA fund is collected at the time of admission which is used for carrying out the activities of the college. Students' Co-operative Society collects Rs.26/- as an amount towards annual subscription and share capital and the same amount is utilized for the operation of the co-operative store.

The college receives funding for its functioning entirely from the Government of Kerala.

Annual matching grant for the CDC fund collected at the time of admission is allotted to the college by the Government of Kerala. Apart from the recurring expenditures like salary, water charges, electricity charges and telephone charges, all other expenditures are planned in tune with the plan fund allotted in different heads by the government every year. Any unspent amount in these heads is to be remitted in the treasury at the end of the financial year. The details of fund received from the government in the last four years are given below.

Plan fund

Head	2013-14		2014-15		2015-16		2016-17	
	Allotted	Unspent	Allotted	Unspent	Allotted	Unspent	Allotted	Unspent
Starting of new course	200000	0	300000	0	442500	0	600000	
Add on Course		0		0	0			
Lab & Library	700000	0	150000 0	0	1800000		1100000	
Study Tour	60000	0	150000	16080	100000		200000	
Faculty Development	300000	0	300000	0	500000		600000	
IT Grid	72000	2053	75000	0	50000		60000	

NAAC Accreditation	200000	0	140000 0	0	1800000		1500000	
Student amenities		0		0				
Matching Grant	176100	0		0	296000			
Maintenance of Playground		0		0	0			
Edusat/class room modernization	400000	0	600000	0	660000		990000	
CIUP/ Minor Works	1300000	0	190000 0	0	600000		1150000	
SSP	175000	0	183500	0	186500		186500	
WWS	292500	0	350000	0	313200		332500	
Total	3875600	2053	675850 0	16080	6748200		6719000	

Non Plan fund (Recurring)

Head	2011-12	2012-13	2013-14	2014-15	2015-16
Salaries	54698614	64865638	77369588	77190874	8619926 1
Tour T A	4970	3233	4621	-	19935
Transfer TA	7555	2619	-	-	3592
Electricity Charges	135816	153280	151633	199802	270000
Telephone Charges	15387	14848	15351	15313	13482
Other Charges	7000	13000	16000	16000	7000
Material & Supplies	36369	20000	24300	13859	37982
Total	54905711	65072618	77581493	77435848	86551252

Fund received from UGC

Head	XI Plan(Rupees)	XII Plan(Rupees)
General Development Assistance	1700000	2127000
Colleges in Backward Area	1200000	--
Capacity Building	700000	--
Improving facilities in the existing premises(Common Room and Toilet facility for women)	160000	--
Colleges with relatively high proportion of SC /ST /OBC / Minorities (Scholarships)	240000	--
Remedial coaching classes for SC /ST /OBC /Minorities	370000	--
Coaching classes for entry in services for SC /ST /OBC /Minorities	310000	--
Equal Opportunities Center in Colleges	55000	--
HEPSN	221000	--
Career Guidance and Counselling Cell	260000	--
NET Coaching for SC /ST /OBC /Minorities	460000	--
PG Assistance for Tamil Department	400000	--
IQAC	--	300000
Additional Assistance for Infrastructure Development	2249280	--
Total	8325280	2427000

6.4.4. Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

Being a government institution, the annual plan and non-plan funds for the functioning of the college are provided by the state government. In addition to the plan fund and non-plan funds, the college has submitted proposals for the maintenance and development of infrastructure facilities in various schemes of state government and to other funding agencies like UGC and DST. The details of additional funds received by the college in the penultimate and current five year plan periods are given below.

Agency	Scheme	Sanctioned Period	Amount sanctioned	Received	Utilization Status
State Government	Total Maintenance of the college	2015	1.4 Crores	Directly transferred to PWD	Work in progress
DST	FIST (College)	XII Five year Plan (2014)	98 lakhs	54 lakhs	Being Utilized
State Government	New PG Block	2014	4.6 Crores	Directly transferred to PWD	Construction in progress
State Government	New hostel	2014	2.6 Crores	Directly transferred to PWD	Construction in progress
State Government	New Library Building	2014	1.5 Crores	Directly transferred to PWD	Construction in progress
DST	FIST (Mathematics department)	XI Five year Plan	10 lakhs	8.5 lakhs	Utilized
UGC	New Women's hostel	XI Five year Plan	60 lakhs	54 lakhs	Utilized
DST	PG Departments	XII Five year plan	97 lakhs	54 lakhs	Utilizing

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Internal Quality Assurance Cell (IQAC)

a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes. The college has an established Internal Quality Assurance Cell. The IQAC plays a pivotal role in providing opportunities for achieving academic and administrative excellence. On the basis of the governmental programmes and the institutional policies regulated by the staff council the IQAC designs a master plan and implements them. To ensure that the high quality and standards are maintained and kept improving at all levels, the IQAC of the college has taken initiatives in:

- Arranging academic seminars/workshops for helping the teaching faculty keep updated with the latest trends.
- Providing opportunities for young teachers in participating programmes like FLAIR to enhance the teaching quality.
- Implementing ICT enabled teaching-learning process by providing facilities to all departments.

- Implementing student support programmes like SSP, WWS, ASAP, spoken tutorial programme and short term courses under CCEK.
- Introducing maximum number of open courses and elective courses to make the academic programmes more interdisciplinary.
- Submitting proposals for introducing new academic programmes and getting them sanctioned.
- Submitting proposals for development of infrastructure including buildings and getting them sanctioned.

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 operationalization.

Being a government college of affiliated nature, the college belongs to the frameworks of the government and the affiliated university. All basic policies regarding the administration and academic are based on the guidelines of the Director of collegiate Education and the university. Adapting these guidelines in context of the college, the college ensures quality of the academic and administrative activities.

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.

The college does not conduct its own training programmes. However, the IMG (Institute for Management in Government) conducts training programmes for the administrative staff at various places in the state and the college staff periodically undergoes this training. The faculty members regularly update their knowledge through orientation and refresher courses, university training programmes and government initiatives like FLAIR.

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 academic audit is achieved through student feedback on the program, structure and quality of teaching. Tutorial sessions also provide a platform for students to express their views. The meetings of parents held at department level and in general also give such an opportunity to the stakeholders. The critical issues evolving out of such activities are discussed at Department level as well as in the College Council and necessary corrective measures are taken if required. The strengths and weaknesses are discussed in the departmental meetings and corrective measures are taken as far as possible. A format is evolved for the internal SWOC analysis of the college and is proposed to conduct from this year.

6.5.5. How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The relevant facts are gathered by the college through IT facilities and align them, as far as possible, with the prevailing mechanism in the college to enhance the

teaching learning process. Further, invited talks and seminars by experts on relevant issues give a broader vision of success to the staff and students. These continuous conversations on quality happening between the college and the external quality assurance/regulatory authorities are highly benefitted for the campus community.

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 teaching learning process in the College is reviewed on the basis of student feedback and result analysis. The feedbacks are assessed by a committee of staff members and the evaluation of the individual teacher by the students is communicated to the concerned teacher through the principal. The result analysis of each batch is carried out by the concerned tutor and report the same at department level discussions. The heads of various departments present the required data at the College council meeting and decisions regarding important matters pertaining to such feedback and results are taken collectively in such discussions.

6.5.7. How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The policies and programmes of the college are communicated through the prospectus and the College calendar. Important information regarding the practices or change in policies of the institute is communicated to the society through the PR department of the government to mass media.

6.5.8. Any other relevant information regarding Governance Leadership and Management which the college would like to include.

The almost automated administrative office of the college is taking all efforts to provide its services to the stakeholders promptly. Except for some cases of technical reasons, all services to the staff, students and general public like issue of certificates, disbursing of salary, lump sum grants, scholarships etc. are done in time.

The college is serious about the energy crisis confronting the world. To tackle the issue the college has installed solar cells to tap solar energy in the hostels and in the seminar complex. Facility is installed on the campus for rain water harvesting and as a beginning to materialize the policy of the college to manage the waste in its source itself, cooking biogas plants are installed in the canteen and in the hostel. The college has decided to continue with the process of energy conservation and tapping of alternate energy resources in a more serious manner in the future.

The college campus is spread out for an area of 45 acres and almost half of the area is filled by trees that are planted by the staff and students of earlier generations. The college is taking all efforts to protect the green environment of the campus and encourages the current campus community to plant new saplings every year. The campus is rich in different species of flora, fauna and other living things. The biodiversity register of the campus is under preparation by the Bhoomithra sena club.

The presence of pesticides in a large scale in the vegetables available in the market was a crisis confronting the hostel quite for some period. To overcome this issue, the college has decided to cultivate pesticide free vegetables in the hostel campus. The hostel inmates and the NSS units, with the assistance of the agriculture department of the government, took initiatives for the same and the vegetables were used in the hostel. The hostel has received a state award for the same in 2013 for this venture. However, in this year, due to the scarcity of water, the cultivation could be done partially.

The college is serious about the energy crisis confronting the world. To tackle the issue and to facilitate the effective operation of the infrastructure of the college, we have submitted proposals to the Department of Collegiate Education and the UGC for funding to tap **solar energy and harvest rain water**. We also hope to motivate other individuals and institutions to approach energy conservation and alternate sources of energy in a more serious manner.

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?

The institution adopts ecofriendly measures as much as possible. The College has taken action on implementing Green Audit in the campus from this year.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

***Energy conservation:** The institution conserves the energy by ensuring the usage of electrical equipment as per the latest standards put down by the governments. Old filament lights and fans which require more power have been changed to latest tubes, and fans. The college initiated many awareness programmes, discussions, and environment related campaigns and exhibitions through which the energy saving attitude has been cultivated among the staff and students.

***Use of renewable energy:** A Bio gas plant has been set up in the college Canteen and ladies hostel, for generating energy from the solid waste refuse from the hostel, canteen and other areas of the campus. A 6KV solar power plant is installed in the Men's hostel and ladies hostel and a 1KV solar power plant is installed in the newly built seminar hall also, through which the institution hopes to reduce the electricity bills to an extent. Besides, four solar street lights are also installed in different areas of the campus, which is a small initiative towards the Green Energy. A small demo unit of pipe vermi composte has been established in the department of Botany to supply and enrich the plants preserved in the botanical garden, star tree conservatory and Green House.

***Water harvesting:** A Tank of 5000 liters has been constructed in the campus, which preserves the rain water from the roof of the main building as an independent water supply during the summer season. Initiatives have been done to build such tanks in feasible areas.

***Check dam construction:** Not yet done.

***Efforts for Carbon neutrality:** campus is full of greenery, which absorb Carbon Dioxide. Efforts are on to preserve the greenery of the campus. Sustainable initiatives are made as part the responsibility for a green campus by introducing new trees by replacing the old trees according to the local conditions.

***Plantation:** N.S.S with the support of Social forestry, organize tree plantations in and around the campus every year. A green house is built in the campus where shade loving plants (SCIOPHYTES) such as orchids, ferns, bryophytes etc., are protected from adverse climatic conditions like cold, precipitation, excess radiation and extreme temperature. Since mushrooms grow best in cool, dark areas, a Mushroom cultivation is also started in the Green House.

***Hazardous waste management:** No department in the campus generate hazardous waste. The chemicals in the laboratory is stored as per the latest standards.

***e-waste management:** Efforts are on to enter into agreements with e-suppliers for

managing e-waste.

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.

1. New Courses and programmes: A post graduate course in Economics has started and the Post Graduate Department of Mathematics is elevated to a Research Department by the University of Calicut.

2. Spoken Tutorial: The college started an initiative of National Mission for Education through ICT, MHRD, Govt. of India to promote IT literacy through Open Source Software.

3. Additional Skill Acquisition Programme (ASAP): This scheme is jointly implemented by the Departments of General Education and Higher Education, Government of Kerala. The Programme is meant for equipping students currently enrolled in the Higher secondary and Under Graduate Courses in Arts & Science Colleges, with industry/business relevant skills. It aims at creating employment opportunities for the unemployed youth, enhancement of skill sets of the labor force, emphasizing industry linkage and enhancing employability of students by introducing additional skill acquisition programmes in their career.

4. The Scholar Support Programme (SSP): The Scholar Support Programme, part of the 'New Initiatives in Higher Education' initiated by the Department of Higher Education, Govt. of Kerala aims at imparting additional support to students in curricular areas of weakness.

5. Walk With a Scholar (WWS): Walk with scholar is an initiative started in the Academic Year 2012 under the sponsorship of directorate of Collegiate Education, Govt. of Kerala. This programme aims to conduct mentoring session for the students of Under Graduate classes for providing personal attention leading them to their personality and overall development. Emphasis is given for supporting, learning and improving the internal as well as external personality of students.

6. Tutorial System: Tutorial hour is conducted on Wednesdays after lunch break. Tutorial hour aims at the enhancement of students' inherent ability to understand themselves and the world. They debate on relevant issues, deliver their ideas in the form of stories and poems, present their cultural talents, review books, etc.

7. Remedial Coaching: Coaching is given to those students who are backward in studies.

8. Entry in Service: Students from weaker sections of the society has given special coaching for appearing competitive examinations. This programme is sponsored by UGC.

9. The Centre for Continuing Education Kerala (CCEK): This is an autonomous body set up by the Government of Kerala to promote continuing education programmes in Engineering Colleges/Arts & Science Colleges and Polytechnic Colleges in Kerala. One of the aims of the programme is to impart need based training to unemployed youth to increase their employability in key sectors of our economy. The Government has accorded sanction to CCEK for conducting specialized skill development continuing education programmes in linkage with Public Sector Undertakings such as Kerala SIDCO. Kerala SIDCO is associated with the DCA project of CCEK as the Vocational Training Agency (VTIA). Govt. College, Chittur is recognized as a sub-centre for CCEK.

10. NET/SET Coaching: This is a programme sponsored by UGC. The post graduate students of this college, is given training for appearing in CSIR, UGC's NET coaching. External experts visit the institution and given strenuous training for NET.

11. BHOOMIMITHRA SENA (BMC/187/PKD/10/12): This body is aimed at the conservation of Nature and natural resources and judicious utilization of the resources for the welfare of the society. Arranging awareness programmes to achieve the objectives, take up programmes for environmental cleanliness through eco-friendly measures – bio degradation of waste organisms- vermi composting etc. are some of the activities of this body. The main objective of the Club is creating awareness among the students and general public about the necessity of conservation of environment.

12. Equal Opportunity Cell: This Cell to provide assistance to students from weaker sections especially of SC/ST/OBC/ Minority communities in order to enhance their employability and ensure their success in life.

13. Fostering Linkages in Academic Innovation and Research (FLAIR): A government of Kerala Initiative to motivate the new generation faculty members to raise their levels of productivity in terms of innovation in teaching and learning and research. In the connected world of the Knowledge Era, forging meaningful linkages between academics towards raising the overall quality in teaching and research is a need of the hour. The new breed of faculty members along with experienced academics of the state would form a 'Collaborative Academic Network' (CAN) that will promote meaningful knowledge exchanges. FLAIR aims at setting new standards in quality. A quality consciousness will be embedded in the young faculty members through the various initiatives of the programme.

14. Grievances Redressal Cell: The college has a students' grievance cell consisting the principal, vice principal, senior staff members and student representatives. Only very few occasions in which the cell has to meet.

15. Higher Education for Person With Special Needs (HEPSN): The University Grant Commission (UGC) has implemented this scheme which is basically meant for creating an environment at the higher education institutions to enrich higher education learning experiences for differently-abled persons. Creating an awareness about the capabilities of differently-abled persons, constructing ramps aimed at improving

accessibility, purchasing of equipment to enrich learning etc. are the broad categories of assistance under the scheme.

16. Continuous evaluation: Continuous evaluation of the students is done via oral tests, assignments, project, seminars, paper presentation and internal assessment. It improves the performance of students in University exams and other competitive examinations.

17. Innovative techniques in Assessment: Surveys, case studies, paper presentations, assignments, group discussion, etc., are incorporated in assessment. Online examinations are some of the innovations. Peer instructions, collaborative problem solving, incidental learning are some techniques

18. Language Lab: A fully equipped language lab is working in the college which is used as an aid in modern language teaching, mainly used for improving the language speaking skills of the students.

19. Computer lab: Two computer labs with Internet facilities were installed in the college one in the main block, and the other in the department of geography so that all the students can use freely.

20. INFLIBNET: The college is subscribed to INFLIBNET of UGC, since 2009. Almost all the students especially the final year degree and PG students are using the same. And the college is in the top 10 users of INFLIBNET during the month of March 2016.

21. Edusat: A fully functional EDUSAT facility is available in the college and functioning fully. Students visit the room and hear the lectures through this facility.

22. College Website: To keep with latest developments in the IT field, college owns a Website titled www.chitturcollege.ac.in, which contains all the information regarding the college. College provides the faculty an email ids too.

23. Smart class rooms: All the 14 departments of college installed smart room facilities, and all the faculty are using the same for taking classes, which creates an enthusiasm among the students to learn their respective subjects well.

24. Drinking Water facility: For drinking safe and pure water, the college in 2014, the college installed purified drinking water facilities in three places. In 2015, another three more such facilities are installed in the campus. Further in 2016, one such facility is installed in the Department of Geography so that the students from Departments of Commerce, History, Geography, Tamil, Electronics and Malayalam can drink purified water.

25. Incinerator and Napkin wending machine: Keeping in mind with the hygiene and health of lady students, an incinerator and Napkin wending machine is installed in the ladies common room during 2015. This year three facilities are installed in the Departments of Malayalam, Commerce and History.

26. Faculty Improvement: The college encourages the faculty to attend, refresher courses, orientation courses, seminars, conferences, workshops and present papers. Also, the college encourage its faculty to opt for FDP programme of UGC to complete

Ph. D/ M. Phil programmes. At present 32% of the faculty are Ph. D holders and lot of others are registered or in the final stages of submitting their thesis leading to Ph. D

27. Research Forum: The research forum meets occasionally, and validates the project submitted to UGC and send to UGC for approving. Committee encourages the faculty and students to submit Research proposals, seminar/workshop/conference proposals to various funding agencies.

28. Inter disciplinary initiative: The research committee initiated an inter-disciplinary initiative, so as all the faculty will understand, the latest research trends in different subjects.

29. IQAC: Regular meetings with staffs and students are done by IQAC, to motivate and discuss the increasing the quality of the institution. IQAC, there on and in association with Staff Club conducts various quality assurance programmes in the college.

29. Anti-Ragging Cell:As per compliance of Hon. Supreme Court of India, UGC Guidelines and Ragging Prohibition Act 1999, and UGC guidelines, Govt College Chittur has formed an Anti-Ragging Committee, Anti Ragging Monitoring Cell, Squad Panel and Mentoring Cell for students. As per the directions, this cell collects affidavits from parents and students have been taken.

30. General Library:The College library is fully digitized and having a stack strength of approximately 100000 books and subscribing to around 30 research journals. Also lending section also digitized.

31. Scholarship Cell: The scholarship cell under a convener from the staff, coordinates the process of online application, and the students have to contact the convener or members of the cell or their tutors for details of these scholarships.

32. Community Oriented Activities: The two units of NSS in the campus organized various programmes such as blood donation drive, aids awareness programmes, Plastic free nature, palliative care are some of them.

33. Industrial Visits: Some of the departments as part of their curriculum visit certain company's like Malabar cements, so that the students, which create awareness and understanding of the techniques that they learn in the class room.

34. Extension activities: Various faculty conducts extension activities free of cost. Some of the activities include, making slides, models in State science exhibitions, some of them go to schools to take classes, and some faculty conducts water analysis and also helps the farmers in and around the campus.

7.3 BestPractices

7.3.1 Elaborate on any two best practices in the given format, which have contributed to the achievement of the Institutional Objectives and / or contributed to the Quality improvementofthecoreactivitiesofthecollege.

Best Practice - 1

Title: Inter disciplinary initiate among the faculty

Goal: To discuss the trends, research, knowledge, and practice among the faculty of the institution. Make them aware of the research in different fields. Give opportunities for doing interdisciplinary research.

The Context: The main objective is to promote the interdisciplinary research among the staffs and there by the students, from the available resources. To encourage the teachers, to write the articles, and to promote the interest to do research among the teachers.

The Practice: Once in a week, Wednesday from 3.45 pm to 4.30, the teachers gather in a room unofficially. One faculty will discuss about what is happening in his research field, or what happened in the last decade for 15 to 20 minutes. After presentation, the other faculties were encouraged to participate in the discussion.

Evidence of Success: Many of the faculties are started using the InFLIBnet facility, and the college is in the top 10 users of INFLIBNET for some time, which is clearly an indication that many teachers and students are shown interest in reading and working in the new areas of research. The number of minor research projects applied to various funding agencies are increased, which to an extent enhanced the quality of teaching learning process.

Problems encountered and resources required: The problem that this initiative face is the interplay between subjects in arts and the subjects in science. The timings is also another problem, among the faculties, especially in the afternoons. To get all the faculties together for the program is another tedious task.

Best Practice– 2

Title of the Practice: Student IQAC

Goal: To discuss and ensure maximum participation of students in the Quality assurance of the college. To communicate and engage student community of the development policies and to call for new proposals and ideas from the students to make the campus a better one.

Context: Institution has always witnessed a gap between the student and administrative communities. It is in this context that Student IQAC is constituted to become a bridge the gap.

The Practice: Every alternate Fridays the representatives of all Departments meet and discuss the issues addressed by each department and IQAC presents it before the Principal for favor of necessary action. Student IQAC also bring forth creative suggestions regarding the overall development of the college. Administrative steps,

which sometimes are not student friendly, are elaborated and clarified. Decisions taken by the council regarding the development are communicated through Student IQAC.

Evidence of Success: With this new initiative, a strong linkage between the IQAC and the representatives of student community is established which resulted in a number of programmes. It was quite a surprising that the decisions taken in the council regarding the development, academic and other activities do not reach the students in time. More and more student representation for the meetings and the hour long interaction between the Principal, IQAC members and students show the sign of success and this group could create a feeling of oneness towards the welfare of the institution. The use of Smart Boards, INFLIBNET, the purpose of Spoken Tutorial etc are effectively communicated through Student IQAC which resulted in the effective use of smart boards, more students getting User IDs and Passwords to access INFLIBNET and more student registrations for Spoken Tutorial. The demand of the students to conduct a theatre workshop with eminent persons from outside the campus was a huge success which could efficiently tap the external resources for the benefit of the students.

Problems encountered and resources required: The tight schedule of the semester system has created a problem to squeeze out time for these partially informal meetings held on alternate Fridays. Another difficulty faced in the beginning was to communicate the objective of Student IQAC to the students as the technical part of the development procedures was difficult to impart.

An open minded approach towards the student community is required to listen and understand their needs. The funds needed to conduct classes as per the demand of the students is met from the IQAC and PTA.

8. Contact Details:

Name of the Principal	: Prof. M. P. Sethumadhavan.
Name of the Institution	: Government College Chittur
City	: Chittur
Pincode	: 678104
Accredited Status	: B+ with CGPA 2.79
Work Phone	: 04923222347
Website	: www.chitturcollege.ac.in
Fax	: 04923222347
E-mail	: gccprincipal@gmail.com
Mobile	: 9447940087

INPUTS FROM THE DEPARTMENTS

1. DEPARTMENT OF BOTANY

1. **Name of the department** : Botany
2. **Year of Establishment** : 1954
3. **Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)** : UG only
4. **Names of Interdisciplinary courses and the departments/units involved:** Nil
5. **Annual/semester/choice based credit system (programme wise):** Choice based credit system
6. **Participation of the department in the courses offered by other departments:** Subsidiary courses with Zoology Department and Chemistry Department; Language course with English Department, Second language courses with Hindi, Malayalam, Tamil and Arabic Departments. Open course with Zoology, Chemistry, Physics, Philosophy, Music, Commerce, Malayalam, Physical education, Tamil and Geography Departments.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.** : Nil
8. **Details of courses/programmes discontinued (If any) with reasons** : Nil
9. **Number of Teaching posts** : 4

	Sanctioned	Filled
Asst. Professors	04	04

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Manoj Kumar. A	M.Sc., B. Ed	Asst. Professor	Mycology	06
Suresh Kumar K.A	M.Sc., B. Ed	Asst. Professor	Plant Physiology & Env. Science	06
Smitha C.K.	M.Sc., B. Ed	Asst. Professor	Plant Taxonomy	06
Dr. Stephen Sequeira	M.Sc., Ph.D	Asst. Professor	Lichenology	06

11. **List of senior visiting faculty:** No Senior visiting faculty

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty** : Presently no Guest lecturer
13. **Student-Teacher Ratio(programme wise):** UG – 32 : 1
14. **Number of academic support staff (technical) and administrative staff ;sanctioned and filled**

Post	Sanctioned	Filled
Specimen collector	01	01
Herbarium Keeper	01	01
Lab attendant	02	01

15. **Qualifications of teaching faculty with D.Sc. / D.Litt. /Ph.D./MPhil/PG.**

Faculty with PG : 3
Faculty with Ph.D. : 1

16. **Number of faculty with ongoing projects from a)National b) International funding agencies and grants received**

a) **National Funding (UGC)** : 2 Faculties
b) **International Funding** : Nil

17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR,etc.and total grants received:** Nil

18. **Research Centre/facility recognized by the University :**

Not recognized as Research Centre

19. **Publications:**

a) **Publication per faculty:**

Manoj Kumar A.

Sureshkumar, K. A., Sequeira, S., **Manoj Kumar, A.** and Smitha, C. K. 2015. Effect of different oil cakes and leaf extracts on growth of *Ganoderma* in *in vitro* condition. *Devagiri Jour. Sci.*, 1(1): 52-55.

Manoj Kumar. A., Suresh Kumar K. A , Stephen Sequeira and Smitha C.K. Preliminary survey of foliicolous black mildew fungi in and around Kuruva Islands of Wayanad District, Kerala. Proceedings of the UGC sponsored National Seminar on Beneficial fungi with special reference to Mushroom cultivation, Mycorrhiza and Fungal Bio Control Agents held at Nirmala College, Muvattupuzha from 4-5th December, 2014

Suresh Kumar K. A, **Manoj Kumar. A.**, Stephen Sequeira and Smitha C.K. Mushroom cultivation-A holistic approach for green development: A case study from Chittur

Taluk, Palakkad District, Kerala. Proceedings of the UGC sponsored National Seminar on Beneficial fungi with special reference to Mushroom cultivation, Mycorrhiza and Fungal Bio Control Agents held at Nirmala College, Muvattupuzha from 4-5th December, 2014

Stephen Sequeira, **Manoj Kumar. A**, Suresh Kumar K. A and Smitha C.K. Growth and yield of *Pleurotus sajor-caju* on different lignocellulosic biproducts as raw material for mushroom cultivation. Proceedings of the UGC sponsored National Seminar on Beneficial fungi with special reference to Mushroom cultivation, Mycorrhiza and Fungal Bio Control Agents held at Nirmala College, Muvattupuzha from 4-5th December, 2014.

Suresh Kumar K.A.

Ajith Kumar, K.G., Sunil Kesavadeth, G., Pradeepkumar, V., **Suresh Kumar K.A.**, Dinesh Babu, K.V. 2016. FTIR spectral analysis of the phytoconstituents in the mace of the *Myristica fragrans* for the detection of possible adulteration with the mace of *Myristica malabarica* and *Myristica bedonii*. *International Journal of Current Research* 8 (11). 40897-40903.

Ajith Kumar, K.G., Sunil Kesavadeth, G., Pradeepkumar, V., **Suresh Kumar K.A.**, Binuole V.R. and Aswathy P.J. Pulping qualities of six year old clone of *Eucalyptus tereticornis*. Sm. *International Journal of Current Research* 7(12): 23928-23931

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Ajithkumar, K.G., Kesavadeth, S.G. and **Sureshkumar, K.A.** 2014. Effect of IBA pre soaking in the regain of lost viability in the seeds of *Myristica malabarica* Lam. *International Jour. Curr. Res.*, 6(6): 6974-6978.

Scaria, R., **Sureshkumar, K.A.** and Vijayan P.K. 2014. Paddy land conservation as a threat to floristic diversity – A study on Karimpuzha watershed, Kerala state, South India. *International Jour. Env. Sci.*, 4(6) 881-892.

Manoj Kumar. A, **Suresh Kumar K. A** , Stephen Sequeira and Smitha C.K. Preliminary survey of foliicolous black mildew fungi in and around Kuruva Islands of Wayanad District, Kerala. Proceedings of the UGC sponsored National Seminar on Beneficial fungi with special reference to Mushroom cultivation, Mycorrhiza and Fungal Bio Control Agents held at Nirmala College, Muvattupuzha from 4-5th December, 2014

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Smitha C.K.

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Dr. Stephen Sequeira

Joshi, Y., V.B. Sreekumar and **S. Sequeira.** 2016. First report of teleomorphic stage of *Normandina pulchella* from India. *Kavaka*, 47: 155-157.

Sequeira, S., Rincy, M. and Anuja V. 2015. Phytosociology of lichens in an urban area of Ernakulam District, Kerala state. *Devagiri Jour. Sci.*, 1(1): 44-51.

Sureshkumar, K. A., **Sequeira, S.**, ManojKumar, A. and Smitha, C. K. 2015. Effect of different oil cakes and leaf extracts on growth of *Ganoderma* in *in vitro* condition. *Devagiri Jour. Sci.*, 1(1): 52-55.

Sequeira, S. 2015. Lichens and their utilization potential: a scenario from High Ranges of Idukki District, Kerala State. *Sci. & Soc.* 13(1): 7-13.

Manoj Kumar. A, Suresh Kumar K. A , **Stephen Sequeira** and Smitha C.K. Preliminary survey of foliicolous black mildew fungi in and around Kuruva Islands of Wayanad District, Kerala. Proceedings of the UGC sponsored National Seminar on Beneficial fungi with special reference to Mushroom cultivation, Mycorrhiza and

Fungal Bio Control Agents held at Nirmala College, Muvattupuzha from 4-5th December, 2014.

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Sequiera, S. 2013. Diversity of lichens of high altitude forest ecosystems of Kerala part of Western Ghats. Paper presented during National Seminar on Western Ghats: Biogeography, Biodiversity and Conservation, organized by N.S.S. College, Manjeri, 14-16 February 2013.

Sequiera, S. 2012. Status of Lichen diversity in Kerala, India. *Samagra* 8: 28-39.

Sequiera, S. 2011. Diversity and Composition of Lichens of Tropical Wet Evergreen Forests – A case study from Silent Valley National Park, Western Ghats, India. Proceedings of the UGC Sponsored National Conference on Biodiversity and Bioprospecting with reference to plants and microbes, 8-9 December 2011 held at St. Albert's College, Ernakulam, pp. 184-199.

Kumar, M. **Sequiera, S.** and Remesh, M. 2009. Macrolichens from Kerala Forests. *Evergreen* 61/62: 1-7.

Impact Factor

Ajith Kumar, K.G., Sunil Kesavadeth, G., Pradeepkumar, V., Suresh Kumar K.A., Dinesh Babu, K.V. 2016. FTIR spectral analysis of the phytoconstituents in the mace of the *Myristica fragrans* for the detection of possible adulteration with the mace of *Myristica malabarica* and *Myristica bedonii*. *International Journal of Current Research* 8 (11). 40897-40903. IF 6.28.

Ajith Kumar, K.G., Sunil Kesavadeth, G., Pradeepkumar, V., Suresh Kumar K.A., Binuole V.R. and Aswathy P.J. Pulping qualities of six year old clone of *Eucalyptus tereticornis*. Sm. *International Journal of Current Research* 7(12) : 23928-23931. IF 6.28

Ajithkumar, K.G., Kesavadeth, S.G. and Sureshkumar, K.A. 2014. Effect of IBA pre soaking in the regain of lost viability in the seeds of *Myristica malabarica* Lam. *International Jour. Curr. Res.*, 6(6): 6974-6978. IF 1.0

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20. Areas of consultancy and income generated

Dr. Stephen Sequeira

- As a resource person and subject expert to Tropical Institute of Ecological Sciences, Kottayam for the project on Biodiversity Impact Assessment at Apollo plant at Kalamassery, Ernakulam.
- As a biodiversity assessment consultant on gratis for M/S Environmental Engineers & Consultant Pvt. Ltd., New Delhi for various projects located in Kerala Since August 2013.
- As an identification expert for lichens for the ICAR funded project on Strengthening of research on post harvest technology and value addition by Dept. of Processing Technology, College of Horticulture, Kerala Agriculture University, Vellanikara, Thrissur.
- Visiting Scientist at Malabar Botanical Garden & Institute for Plant Sciences, Kozhikode for the project Establishment of Lichen conservatory at MBG, Kozhikode.

21. Faculty as members in

a) National committees

Dr. Stephen Sequeira – Life member in Indian Lichenological Society, Lucknow; Executive member in Centre for Research in Indigenous Knowledge, Science & Culture (CRIKSC), Kozhikode and Member in Kerala Botanical Society (KBS), Ernakulam.

Suresh Kumar KA – Member in Kerala Sasthra Sahitya Parishat; Director (General), MANNU, Kerala; Life Member in BIOSK (Biosphere Kasargode); Executive Committee Member, KBTA (Kerala Botany Teachers Association)

22. Student projects a) Percentage of students who have done in-house projects including interdepartmental /programme – 33%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies - Nil

23. Awards / Recognitions received by faculty and students

Manojkumar A

- Awarded best guide in Children's Agricultural Science Congress, 2010.

Dr. Stephen Sequeira

- Received Young Scientist award in the discipline *Forestry, Wildlife and Environment* during the 17th Kerala Science Congress held at Kerala Forest Research Institute, Peechi, and Kerala, India.

AadhisreeS

- Received third prize for oral presentation during the National seminar on ‘Recent trends in Microbiology’ organized by SAN International College of Arts and Science, Coimbatore on 30th September, 2015.

Vishnu V.

- Won third prize in the Intercollegiate Quiz Competition in connection with the national Science Day Celebrations- 2015 organized by the Department of Botany, Govt. College Chittur, Palakkad on 26th February, 2015.
- Won third prize in Talent Test on Scope of Information Technology in Resource Management held at district level on 7th July, 2015.
- Won First prize in district level RTI Quiz Competition organized by Nehru Yuva Kendra, Palakkad in co-operation with NCPRI (National Campaign for People’s Right to Information) held at Govt. Victoria College, Palakkad on 18th October, 2015.
- Won second prize in Intercollegiate Quiz competition organized by Department of Malayalam, Govt. College Chittur, Palakkad on 2nd November, 2015.
- Won third prize in senior Kerala Nanma Mega Quiz Competition organized by Gandhiji Academy, Kollengode held at YMGHS, Kollengode on 14th November, 2015.

Aneesh A

- Attended Mountain Adventure Course at Jawahar Institute of Mountaineering & Winter Sports, Phalgam, Jammu & Kashmir Sponsored by Directorate General NCC, New Delhi from 01.07.2014 to 15.07.2014.
- Attended annual training camp for National Cadet Corps held at Calicut University Campus, Thenhipalam from 23.8.2014 to 01.9.2014.
- Attended RD preparatory camp for NCC held at Higher Secondary School, Perambra from 7.9.2014 to 16.9.2014.
- Attended RD preparatory camp for NCC held at SV College, Paleded, from 22.9.2014 to 01.10.2014.
- Participated in the IGC/RDC 2014 held at KPA, Ramavarmapuram, THrissur from 2.10.2014 to 11.10.2014.
- Participated CATC CUM PRE RDC1 of NCC held at CRPF, Pallipuram from 06.11.2014 to 15.11.2014.
- Participated Combined Annual training camp of NCC held at Military Camp, Pangode from 20.11.2014 to 29.11.2014.
- Participated Combined Annual training camp of NCC held at Military Camp, Pangode from 06.12.2014 to 15.12.2014.
- Participated RDC launch Camp/CATC of NCC held at Military Station, Pangode from 06.12.2014 to 15.12.2014.
- Won third prize in the Intercollegiate Quiz Competition in connection with the national Science Day Celebrations- 2015 organized by the

Department of Botany, Govt. College Chittur, Palakkad on 26th February, 2015.

- Represented NCC Directorate at the Annual NCC Republic Day Camp and the Prime Minister's Rally held at New Delhi from 01.01.2015 to 29.01.2015.
- Won third prize in Talent Test on Scope of Information Technology in Resource Management held at district level on 7th July, 2015.

Rangil C.

- Won third prize in Intercollegiate (Calicut University) Wrestling Competition on 5th January, 2015.

Shrishyam B.

- Won third prize in Malayala Manorama Yuva Short film festival on 28th December, 2014.

Vishnu S.

- Adjudged the best Actor in English Drama in the A zone Calicut University Youth Festival during 2015.

Sujeesh S.

- Won third prize in intercollegiate Wrestling competition on 5th January, 2015.
- Won third prize in intercollegiate Judo competition on 5th January, 2015.

Monisha. M.

- Won third prize in intercollegiate Judo competition on 12th December, 2015.

24. List of eminent academicians and scientists/visitors to the department

Dr. M.S. Swaminathan, MSSRF, Chennai

Dr. ARR Menon – Scientist EII, Kerala Forest Research Institute, Peechi, Kerala

Dr. M.S. Muktesh Kumar - Scientist EII, Kerala Forest Research Institute, Peechi, Kerala

Dr. R. Prakash Kumar – Director, Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode, Kerala

Dr. C.K. Pradeep – Scientist C, Jawaharlal Nehru Tropical Botanical Garden & Research Institute, Thiruvananthapuram, Kerala

Dr. C. Kunhikannan, Scientist E & Head, Biodiversity Division, IFGTB Coimbatore

Dr. T.V.Sajeer, Scientist C, KFRI Peechi, Kerala

Dr. K. Vijayakumaran Director General, Fisheries survey of India, Mumbai

25. Seminars/Conferences/Workshops organized & the source of funding

a) National

2016

- National Science Day Celebration -2016, Sponsored by Kerala State Council for Science, Technology & Environment (KSCSTE), Govt. of Kerala.
- International Wetlands Day Celebration -2016, Sponsored by Kerala State Council for Science, Technology & Environment (KSCSTE), Govt. of Kerala
- International year of pulses Celebration -2016, Sponsored by Kerala State Council for Science, Technology & Environment (KSCSTE), Govt. of Kerala

2015

- National Science Day Celebration -2015, Sponsored by Kerala State Council for Science, Technology & Environment (KSCSTE), Govt. of Kerala
- *CRYPTOSYS 2015* - Seminar on Taxonomy, Diversity and Ecology of Lesser known Algae and Fungi Sponsored by Directorate of Collegiate Education, Govt. of Kerala.
- National Seminar on Role of lower group of plants in the Forest Ecosystem; Diversity, Conservation and Utilization Potential Sponsored by University Grants Commission (UGC), New Delhi.

2014

- *Navara Utsav -2014*, A Collaborative Programme conducted by of Navara foundation, Palakkad, Kerala, KINFRA, KSIDC, PPVFRI, ATMA, Bhoo Mithra Sena Club, Govt. College Chittur ,Department of Botany, Govt. college Chittur, MSSRF, NABARD, CII Kerala, KSCSTE, Kerala agriculture university and Kerala State Biodiversity board.

2013

- National Seminar on Plant Diversity and Conservation Sponsored by Directorate of Collegiate Education, Govt. of Kerala held at Dept. of Botany, Govt. College Chittur, Palakkad from 3rd and 4th September 2013.

2012

- Seminar on sustainable utilization of medicinal plant resources sponsored by Alumni Association, Dept. of Botany on 15th February, 2012.

26. Student profile programme/course wise:

programme	Selected	Enrolled		Pass percentage
		*M	*F	
BSc Botany 2010	75	10	65	85.71
BSc Botany 2011	72	7	65	88.00
BSc Botany 2012	51	7	44	76.19
BSc Botany 2013	69	10	59	88.88
BSc Botany 2014	70	11	59	90.47
BSc Botany 2015	70	14	56	91.30

B.Sc. Botany 2016	81	15	66	86.30
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*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. Botany	99%	1%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NA

29. Student progression

Student progression	Against % enrolled
UG to PG	
2011	05
2012	04
2013	08
2014	08
2015	12
2016	07
	08
Employed	nil
• Campus selection	
• Other than campus recruitment	
2011	14
2012	02
2013	02
2014	03
2015	01
2016	02
	nil
Entrepreneurship/Self-employment 2013	Fish farming at Ambattupalayam, Chittur.

30. Details of Infrastructural facilities

- a) Library – Yes, One Journal and 2017 Books
- b) Internet facilities for Staff & Students - Yes
- c) Class rooms with ICT facility – One, with smart board and DLP projector
- d) Laboratories –One

31. Number of students receiving financial assistance from college, university, government or other agencies

E grant- 36
Suvarna Jubilee Scholarship – 02
Central Sector Scholarship - 01

32. Details on student enrichment programmes (special lectures/ workshops /seminar) with external experts

- 11-02-2014. Special Lecture on Solid Waste Management by Miss. Sujisha. S, Kerala Agricultural University representing Suchitwa Mission, Govt. of Kerala organized in association with BMSC, Govt. College, Chittur
- 18- 10-2013. Special Lecture on Medicinal Plant Database by Dr. Suresh. V, Assistant Professor Dept. of Botany, Govt. Victoria College, Palakkad organized in association with BMSC, Govt. College, Chittur
- 19.10.2013. *Chediarivu nerarivu*, a programme on plants and human beings organized by Dept. of Botany in collaboration with Bhoomitrasena Club, Govt. College Chittur, Palakkad.
- 15-01-2014. Counseling session by Dr. Sujisha, Dept. of Psychology, Govt. College, Chittur.
- 16.10.2014. Special lecture on *Invasive weeds* by Dr. T.V Sajeeve, Senior Scientist, Kerala Forest Research Institute (KFRI), Peechi, Kerala in connection with the Botany Association Inauguration.
- 11.02.2015 & 12.02.2015. *Bird watching Camp and Photo Exhibition*, a programme on bird watching in and around College and photo exhibition of birds of Kerala in collaboration with Bhoomitrasena Club, Govt. College Chittur, Palakkad.
- 22.7.2015. *Mannarivu – manninte nerarivu*, an interaction programme with the organic farmers of chittur and students of Govt. College Chittur to know more about the soil and organic cultivation organized by Dept. of Botany in collaboration with Bhoomitrasena Club, Govt. College Chittur, Palakkad.
- 21.10.2015. Special Lecture on *Back to Nature* by Dr. K.A. Sreejith, Scientist, Kerala Forest Research Institute (KFRI), Peechi, Kerala in connection with the Botany Association Inauguration.
- 14.10.2016 Special lecture on *Changing relationship* by Sheeba K. Asst. Professor, Dept. of English, Govt. College Chittur, Palakkad in connection with the Botany Association Inauguration.

33. Teaching methods adopted to improve student learning

- Classroom method (Chalk and talk method using black/white board) to build concepts
- ICT enabled classroom teaching (DLP, OHP) to complement Classroom method

- Field Teaching to give live experience of Plant science
- Laboratory exercises

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- 25.6.2011. A talk on *Sustainable Utilization of Natural Resources* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the students of Govt. Higher Secondary School, Ganeshgiri, Shoranur, Palakkad.
- 17.9.2011. A talk on *Ozon- the natural umbrella* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the students of GHSS, Pazhayannur, Thrissur.
- 15.1.2012. A talk on *Culture and Agriculture* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the public of Grameena Vayanasala, Elanadu, Pahayannur.
- 9.6.2012. A talk on *Chemistry of Food and Health* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the students of GHSS, Pazhayannur, Thrissur.
- 19.9.2012. A talk on *Water the blue gold* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the students of System College of Arts and Science, Pazhayannur, Thrissur
- 3.9.2013. Delivered lecture on lichens by Dr. Stephen Sequeira at Dept. of Botany Govt. College Chittur as a part of Two day National Seminar on Plant Diversity and Conservation
- 23.12.2013 & 24.12.2013. A talk on *Scope of Ethnobotany* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the Ph.D students of Sir Syed College, Taliparamba, Kannur.
- 18-10-2013. Training on *Local Medicinal Plant Identification* for Higher Secondary School and College students organized in association with BMSC, Govt. College, Chittur.
- 13.2.2014. Delivered lecture on lichens by Dr. Stephen Sequeira at Dept. of Botany, St. Albert's College, Ernakulam as a part of National Seminar on The Taxonomy and Ecology of Fresh Water Algae
- 6.3.2014. Delivered lecture on lichens by Dr. Stephen Sequeira at Dept. of Botany, St. Thomas College, Thrissur as a part of National Seminar on Biodiversity Conservation – Trend and Need
- 10.3.2014. A talk on *Application of Biotechnology in Plant Pathology* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the Ph.D students of Sir Syed College, Taliparamba, Kannur
- 17-01-2014. Training Programme for public and school students on *Mushroom Cultivation* organized in association with BMSC, Govt. College, Chittur.
- 30.01.2014. Delivered a lecture on lichens by Dr. Stephen Sequeira, Asst. Professor, at St. Xavier's College for Women, Aluva in connection with the academic day celebrations.
- 31.01.2014. Delivered a lecture on lichens by Dr. Stephen Sequeira at Nirmala College, Muvattupuzha in connection with VISION 2020
- 17.7.2014. A talk on *Biodiversity in paddy fields* by Sureshkumar K.A., Asst. Professor, Dept. of Botany in connection with the Navara Utsav 2014.
- 15.1.2015. A talk on *Science, Belief and Blind Belief* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the Ph.D students of IHRD Science College, Pazhayannur, Thrissur.
- 5.2.2015. Delivered lecture on lichens by Dr. Stephen Sequeira at Dept. of Botany, Govt. College for Women, Thiruvananthapuram as a part of National Seminar on Cryptogams Biodiversity: Perspective and Problems.
- 21.3.2015. A talk on *Concept of Virtual Water* by Sureshkumar K.A., Asst. Professor,

- Dept. of Botany for WCDC. Palakkad.
- 10.3.2015. A talk on *Science and Society* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for KSRMS Grameena Vayanasala , Mayannur, Thrissur.
 - 26.4.2015. A talk on *Science and Secular society* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for KSRMS Grameena Vayanasala , Mayannur, Thrissur.
 - 29.9.2015. Delivered lecture on lichens by Dr. Stephen Sequeira at Dept. of Botany, Dept. of Botany, Govt. Brennen College, Thalassery as a part of Seminar on Botany of lower plant groups of south India
 - 7.12.2015. A talk on *Trends in Modern Science* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the students of Govt. Victoria Girls Higher Secondary School, Chittur, Palakkad
 - 22.2.2016. A talk on *Exploration of Traditional Knowledge* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the students of MES Kalladi College , Mannarkkad , Palakkad.
 - 29.2.2016. A talk on *Trends in Modern Science* by Sureshkumar K.A., Asst. Professor, Dept. of Botany for the students of GHS. Thiruazhiyad, Kollengode, Palakkad .
 - 9.11.2015. Delivered lecture on lichens by Dr. Stephen Sequeira at Dept. of Botany, St. Thomas College, Pathanamthitta as a part of Botany association of St. Thomas College, Pathanamthitta.

35. SWOC analysis of the department and Futureplans

Strength:

- A campus enriched with rich biodiversity. An appropriate place for studying Botany
- Most of the students come from families indulged in Agriculture. Botany as a course will help in gaining scientific knowledge for applying in the field
- All the posts of Assistant professors are filled with permanent postings
- Well qualified faculties
- Having one Botanical/Vegetable Garden
- Having one green house for orchid and fern cultivation
- Having one mushroom cultivation unit
- Having one star tree garden
- Having well established degree lab with equipments
- Having one smart classroom
- Having DLP and overhead projector for presentation
- Having internet and computer facilities
- Having well established departmental library with around 2000 books
- Having one research lab with sophisticated equipments
- Collaboration with NGOs, Local Self Government Institutes and other Research Institutes
- Having one Herbarium Keeper, Specimen Collector and Lab attendant

Weakness

- M. Sc Botany course is not offered
- Lack of separate room for museum
- Lack of infrastructural maintenance and renovation inside the laboratory
- Lack of infrastructural facilities for the proper maintenance of botanical/vegetable garden
- Lack of infrastructural facilities for the proper maintenance of indoor garden

- Lack of sufficient space for furniture dump yard
- Lack of separate room for Herbarium
- Lack of proper electrification & plumbing in the class rooms

Opportunities

- Many students from VHSC background can be taught well with the present course
- Man power with Basic science background can be generated with this course
- Students from the poor economic background around the college can pursue their degree course in botany
- Students from linguistic minority can pursue their degree course in botany
- Students can explore the plant diversity of the campus to start their research activity
- Exploration, conservation and sustainable utilization of traditional and indigenous knowledge prevailed in farmer community
- Easy accessibility to national parks and other *in situ* conservatories in around Palakkad for botanical interest
- Easy accessibility to Palakkad and Coimbatore- the Venice of south India for job hunting

Challenges

- B.Sc. Botany course in other nearby colleges such as, Sri Neelakanta Government Sanskrit College, Pattambi; Govt. Victoria College; Mercy College, N.S.S. College, Nemmara and S.N. College, Alathur.
- Restructuring of the curriculum to cope up with the social need
- Scarcity of sufficient public transportation system connecting Govt. College and other rural areas.
- Untrained laboratory staff
- Less importance given to basic sciences compared to applied science by the authorities

FUTURE PLANS

- Establishment of a biotechnology laboratory with facilities for tissue culture, applied systematics and molecular biology.
- More infrastructure development for the existing laboratory, botanic garden, green house and star tree conservatory.
- Aiming for M.Sc. Botany course and Research Department recognition from the University.
- Establishment of full-fledged Research Laboratory
- Establishment of Display garden exclusively for Medicinal Plants
- Bring more research projects and publish more research papers
- Completion of Ph.D. degree for two faculties
- Enhancing the existing consultation service and extension activities

2. DEPARTMENT OF CHEMISTRY

1. **Name of the department:** Chemistry
2. **Year of Establishment:** 1957
3. **Names of Programmes/Courses offered (UG,PG,M.Phil.,Ph.D.,IntegratedMasters;IntegratedPh.D.,etc.):** UG
4. **Names of Interdisciplinary courses and the departments/units involved:** Mathematics, Physics, English, Malayalam, Tamil, Sanskrit, Arabic and open courses of all other Departments
5. **Annual/semester/choice based credit system(programmewise):** Choice Based Credit System
6. **Participation of the department in the courses offered by other departments** Chemistry as Complementary Course for Physics, Zoology, Botany and "Food Science and Medicinal Chemistry" as open Course
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts**

	Sanctioned	Filled
Asst.Professors	5	2

10. **Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr. Lt. Rijulal. G	M.Sc., M. Phil., Ph. D	Assistant Professor	Inorganic Chemistry	8
Smt. Neena George	M.Sc., B Ed	Assistant Professor	Physical Chemistry	6
Smt. Saranya K P	M.Sc.	Guest Lecturer	Physical Chemistry	1.5
Smt. Remya R	M.Sc., B. Ed	Guest Lecturer	Organic Chemistry	3

Smt. Rani Krishnan Punnadiyil	MSc., B. Ed, M. Phil	Guest Lecturer	Organic Chemistry	1
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11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty:** 59.8%
13. **Student-Teacher Ratio (programmewise) - 42:** 1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled**
Lab assistants: Sanctioned:2 ; Filled: 2
15. **Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./M.Phil./P.G.**
Ph.D - 1 MPhil -1 PG -3
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received**
National -2

Sl. No	Name of Investigator	Title of the project	Funding Agency	Amount	Status	Major /minor	Remarks
1.	LT. Dr.Rijulal G	Effect Of Pesticides Used In Paddy Fields – A Comparative Study	UGC	Rs. 5,00,000/-	Ongoing	Minor	Year of sanction April 2015
2.	LT. Dr.Rijulal G	Perusal of springs in palakkad district of kerala	SERB	Rs. 11,00,000/-	Ongoing	Major	Year of sanction 2016

17. **Departmental projects funded by DST-FIST;UGC, DBT, ICSSR etc. and total grants received:** UGC- 5 lakhs, SERB – 11 lakhs
18. **Research Centre/ facility recognized by the University:** Nil
19. **Publications: Number of papers published in peer reviewed journals**

(national/ international) by faculty

LT.Dr.Rijulal.G

M. Thankamony, B. Sindhu Kumari, **G. Rijulal** and K. Mohanan “Synthesis, spectroscopic characterization and thermal studies of lanthanum(III) chloride complexes with heterocyclic Schiff Bases.” *Journal of Thermal Analysis and Calorimetry*, 95 (2009) 259–266. (Impact factor-1.781)

K. Mohanan, B. Sindhu Kumari and **G. Rijulal** “Microwave Assisted Synthesis, Spectroscopic, Thermal and Biological Studies of Some Lanthanide(III) Chloride Complexes with a Heterocyclic Schiff Base” *Synth. React. Inorg. Met.-Org. Chem.*, 39 (2009) 24–21.(H Index-35, SJR-0.18)

Swetha. A

A.Swetha Archana anand, T.V. Xavier and Mercy Leena Paul, “A comparative study on the amount of ADF and pesticide effect on paddy straw”, *Indian J. of Environmental protection*. Vol. 36, No. 6. 458-466 (2014). (H- Index 13, SJR-0.12, ISSN: 02537141).

Rathika Govindasamy and **Swetha Ayappan**, “Evaluation of novel semicarbazone for mild steel in acidic solution”, *Elixir Corrosion*, Vol. 67, 21587-21595, 2014. (Impact factor 5.525)

Santhil M.

M. Shanthil, Reshmi Thomas, R. S. Swathi, K. George Thomas, Ag@SiO₂ Core-shell Nanostructures: Distance dependent Plasmon coupling and SERS investigations *J. Phys. Chem. Lett.* 2012, 3, 1459–1464 (impact factor 8.5, citations -63)

Neena George

George, Neena, Julie Chandra, A. Mathiazhagan, and Rani Joseph. "High performance natural rubber composites with conductive segregated network of multiwalled carbon nanotubes." *Composites Science and Technology* 116 (2015): 33-40. (Impact factor-3.897, SNIP-1.907, SJR-1.512)

Neena George, Bipinbal P. K., Bhavya Bhadrán, A. Mathiazhagan and Rani Joseph, “Segregated network formation of multiwalled carbon nanotubes in natural rubber through surfactant assisted latex compounding: A novel technique for multifunctional properties” *Polymer* (Revision in progress as per reviewer’s comments). (Impact factor-3.586, SNIP-1.234, SJR-1.188)

Neena George, Honey John, A. Mathiazhagan, and Rani Joseph, “Dielectric property enhancement by nanosilica decorated multiwalled carbon nanotubes in natural rubber”. *Composites Science and Technology (UNDER REVIEW)* (Impact factor-3.897, SNIP-1.907, SJR-1.512)

Neena George, A. Mathiazhagan and Rani Joseph “Natural rubber nanocomposites based on multiwalled carbon nanotube/nanosilica hybrid”. *Plastics and Rubber Srilanka* 15(2016): 20-23.

Chandra, Julie, **Neena George**, and Sunil K. Narayanankutty. "Isolation and characterization of cellulose nanofibrils from arecanut husk fibre." *Carbohydrate polymers* 142 (2016): 158-166. (Impact factor-4.219, SNIP-1.747, SJR-1.490)

Ajalesh Balachandran Nair, **Neena George**, Rani Joseph. Non-linear viscoelastic behaviour of rubber-rubber blend composites and nanocomposites: Effect of Spherical, Layered and Tubular fillers, (Series title: *Advances in Polymer Science* 264, Springer, 2014, p 85-134. (Impact factor-1.32)

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCOhost etc.) – 8

Chapter in Books - 1

1. Ajalesh Balachandran Nair, Neena George, Rani Joseph. *Non-linear viscoelastic behaviour of rubber-rubber blend composites and nanocomposites: Effect of Spherical, Layered and Tubular fillers*, (Series title: *Advances in Polymer Science* 264), Springer, 2014, p 85-134. ISBN978-3-319-08701-6 ISBN 978-3-319-08702-3 (e Book)

Books with ISBN/ISSN numbers with details of publishers - 3

1. Ajalesh Balachandran Nair, Neena George, Rani Joseph. *Non-linear viscoelastic behaviour of rubber-rubber blend composites and nanocomposites: Effect of Spherical, Layered and Tubular fillers*, (Series title: *Advances in Polymer Science* 264), Springer, 2014, p 85-134. ISSN 0065-3195ISSN 1436-5030(electronic)
2. Neena George, Ajalesh B Nair. *Engineering Chemistry:Theory and Practice Laboratory manual*, Educational Publishers and Distributors, 1st Edition 2015. ISBN 81-87198-25-7
3. K.E George, Rani Joseph, M.Ushamani, Tania Francis, Neena George, Ajalesh.B.Nair. *Engineering Chemistry:Theory and Practice*, Educational Publishers and Distributors, 1st Edition 2015.ISBN 81-87198-23-0
4. Neena George and Rani Joseph. *Carboxylated multiwalled carbon nanotube-natural rubber composites with high Dielectric constant and Electrical conductivity*, Proceedings, 24th Swedeshi Science Congress, ISBN: 978-81-928129-2-2 (179-183)

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees c) EditorialBoards: Nil

22. Student projects

a) Percentage of students who have done in-house projects including

interdepartmental/ programme: 21

- b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:**
Nil

23. Awards/Recognitions received by faculty and students- 2 awards

1. Paper presentation in oral session entitled “Reinforcement of Natural rubber with Mutiwalled Carbon nanotube/Nanosilica hybrid filler” in the UGC sponsored two day national conference on “Advanced Functional Materials” organised by the Dept. of Chemistry, Mar Athanasius college, Kothamangalam on 15 and 16 September 2015. (Best Paper Award)
2. Paper presentation on “Use of Nanosilica as reinforcing filler in Natural rubber latex” at the National conference on Biopolymers and green composites (BPGC 2015- 3rd in series) organised by Centre for Biopolymer Science and Technology (CBPST) on 9th and 10th of October 2015 won Second Best paper award.

24. List of eminent academicians and scientists/visitors to the department-

Dr Sachidanathan P – Scientist, Forensic Department, Govt. of Kerala
Dr. Padmakumar P – Assistant Professor, Department of Chemistry, Govt. Victoria College Palakkad.

25. Seminars/Conferences/Workshops organized & the source of funding

- a) National: Two day National Seminar on Taming Chemistry through software funded by Government of Kerala in 2013
National Seminar on Visualization of Molecular Acrobatics through computational chemistry - 2017

26. Student profile programme / course wise:

BSc Chemistry	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2007-2010	Details not available	24	8	13	66.66
2008-2011	Details not available	24	5	17	76.19
2009-2012	Details not available	24	6	12	86.36
2010-2013	891	24	4	18	77.7
2011-2014	1012	24	6	16	81.8
2012-2015	1084	24	4	17	81.8
2013-2016	CAP by the university (single window)	24	4	17	100

2014-2017	CAP by the university(single window)	26	4	22	
2015-2018	CAP by the university(single window)	24	2	22	
2016-2019	CAP by the university(single window)	35	12	23	

*M=Male *F=Female

27. Diversity of Students

Name of the Course	%of students from the same state	%of students from other States	%of students from abroad
BSc Chemistry Programme			
2010-2011	100	nil	nil
2011-2012	100	nil	nil
2012-2013	100	nil	nil
2013-2014	100	nil	nil
2014-2015	100	nil	nil
2015-2016	100	nil	nil
2016-2017	100	nil	nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services etc.? Not applicable

29. Student progression

Student progression	Against % enrolled
UG to PG	47.6 %
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed •Campus selection •Other than campus recruitment	23.8 %

- 30. Details of Infrastructural facilities**
a) **Library:** 1500 Books
b) **Internet facilities for Staff & Students:** Available

c) **Class rooms with ICT facility :** LCD Provision
d) **Laboratories:** 2
- 31. Number of students receiving financial assistance from college, university, government or other agencies:** Yes ; 28
- 32. Details on student enrichment programmes (special lectures/ workshops/ Seminar) with external experts:** Yes ; National Seminar conducted
- 33. Teaching methods adopted to improve student learning**
Students are encouraged to ask questions. The Dept. of Chemistry conducts Unit Tests, Seminars, Assignments and study projects. The weak students are given remedial classes as and when necessary
- 34. Participation in Institutional Social Responsibility (ISR) and Extension activities**
The faculty members of the Chemistry department participate in all the activities conducted by the Extension committee as well as other committees and departments of the college. The Department faculty and the students take leading role in Science fairs in the surrounding schools. The faculty members also acted as presiding officers in Loksabha, Assembly and Local Body elections. Rain water harvesting has been going on since long to meet the demands of pure water for the laboratory operations. Local people are offered services of the laboratory in ascertaining the quality of well water, nature of hardness etc. Dr.Lt.Rijulal G, Assistant Professor in the Department of Chemistry is the NCC officer of our College. He is also the co-ordinator and Nodal officer of UG/PG admission of Calicut university.
- 35. SWOC analysis of the department**

STRENGTHS

Sufficient infrastructure with two well equipped laboratories
Digital classroom
Internet connection for both students and teachers
Uninterrupted power supply

WEAKNESS

Lack of permanent teaching staff and some Infrastructural facilities

OPPORTIUNTY

Students can pursue higher studies

CHALLENGES

Procurement of advanced and sophisticated instruments is a major challenge in view of financial constraints.

FUTURE PLANS

To start M. Sc Chemistry course

To start Soil testing Lab

To modernize chemistry lab and library

To set up lab for computational chemistry.

3. DEPARTMENT OF COMMERCE

1. **Name of the department:** Commerce
2. **Year of Establishment:** 1947
3. **Names of Programmes /Courses offered:** UG - (B.Com Co-operation)
PG (M.Com -Finance)
3. **Names of Inter disciplinary courses and the departments / units involved:**
Open course offered to other department as part of Curriculum: Basic accounting
4. **Annual /semester /choice based credit system (programme wise):**
Choice based Credit and Semester System: UG
Semester: PG
5. **Participation of the department in the courses offered by other departments**
: Nil
6. **Courses in collaboration with other universities, industries, foreign institutions,etc.**
Participation in Curriculum Restructuring for UG and PG for Autonomous
College Maharajas College Ernakulum
7. **Details of courses/ programmes discontinued(if any) with reasons:** Nil
9. **Number of teaching posts**

	Sanctioned	Filled
Asst.Professors	9	7

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D /M.Phil. etc.,)**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.Lakshmanan M. P	M.Com, B.Ed Ph. D	Assistant Professor	Finance	10 Years
Dr.Vinod G	M.Com, B. Ed M. Phil, Ph. D	Assistant Professor	Finance	10 Years

Aswathy PJ	M.Com	Assistant Professor	Marketing	8 Years
Radhakrishnan G	M.Com, B. Ed.	Assistant Professor	Finance & Marketing	5 Years
Pradeesh K	M.Com	Assistant Professor	Finance	3 Years
Leena TU	M.Com, B. Ed	Assistant Professor	Financial Management	3 Years
Dr.Vinitha B	M.Com, Ph.D	Assistant Professor	Finance	3 Years

11. List of senior visiting faculty

Prof. Murukan K, Principal and HOD (former) of the department
 Dr. V Pankunny, Deputy Director (Rtd), Collegiate education
 Prof. Venugopal P, HOD (former) of the Department
 Prof. Sooryanarayanawami Former associate professor of the department

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

(01-06-2016 to 31-12-2016) 5%

13. Student-Teacher Ratio (programme wise)

B.Com=32.29, M. Com=5.57

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Nil

15. Qualifications of teaching faculty with D. Sc/D.Litt/Ph.D/MPhil/PG.

Ph.D. - 3 P.G. - 5

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

UGC- 2 Faculty Members(Minor Projects)

- Dr. Lakshmanan MP- Misseling practices in life insurance industry in Kerala- Rs 80000/-
- Sri Pradeesh K Corporate social responsibility practices of private sector banks in Kerala- Rs 125000

18. Research Centre/facility recognized by the University: No

19. Publications:

*** Publication per faculty**

Faculty	National-articles	Book published	Chapter in books
Dr. Lakshmanan.M P	7	1	0
Dr. Vinod G	4	1	3

***Number of papers published in peer reviewed journals (national/international) by faculty and students (given in the above table)**

Dr. Vinod G

Application of ABC Analysis for the Procurement of Goods and services of Local Self Govt. In Kerala, Holistic Thought, Vol.XIV, No.1 Jan-July 2015.

Solid Waste Management in Trivandrum Corporation: Citizen's Perspective, B-Digest, Vol.7 No.1, Aug 2015

Financial Sustainability of ULBs in Kerala, Southern Economist, Vol.54 No.12, Oct.15,2015

Faculty	National-articles
Dr. Lakshmanan.M P	2
Dr. Vinod G	3

***Books with ISBN/ISSN numbers with details of publishers:1.**

Dr. M.P. Lakshmanan, Marketing Strategies of LIC-978-93-5074-215-0, Abhijeet Publications.

Dr. Vinod G: Free Trade Agreement and Indian Economy-ASEAN Worries and Facts, ISBN-978-81-923975 -3-5, B Digest

Dr. Vinod G: Financial Inclusion and Inclusive Growth- Swabhiman Banking a Leap To Financial Inclusion, ISBN-978-81-8484-264-7, Regal Publishers

Dr. Vinod G: Capital Formation- A Search for Alternate Models Fit for Kerala Economy-Crowd Funding an Alternate Source of Capital formation, ISBN-978-93-84734 -18-3, B Digest

20. Areas of consultancy and income generated: Nil**21. Faculty as members in a) National committees b) International Committees c) Editorial Boards: Nil****22. Student projects**

Percentage of students who have done in-house projects including inter departmental / programme

UG- 64 every year, PG-21 Every year

- a) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/ Industry/ other agencies: Nil

23. Awards /Recognitions received by faculty and students

Name of students	Batch	Award winning item	Prize
Akshay R	2015-18	56 th senior inter state national athletics championship-110 Meter Hurdles	BRONZE
		28 th South zone national athletics championship	SILVER
		14 th federation national athletic championship	FOURTH
		MK Joseph memorial athletic championship 110 hurdles	GOLD-state record
Thejus A	2015-2018	28 th South zone athletic championship Long jump	GOLD
		Junior state athletics championship	GOLD
		Junior national athletics championship	FOURTH
Rajmon A	2014-2017	Senior state relay	BRONZE
		Calicut university Athletic Championship	BRONZE
		Mk Joseph memorial Athletic championship	SILVER
Vishnu	2014-17	Hand ball-senior state	THIRD
JIJITHA M		Indian style wrestling-state level	FIRST
Rukma R	2014-2017	A zone- Rangoli Hindi Drama	SECOND
Amrita Manoj		Interzone-Rangoli	THIRD
		A Zone- Hindi & English Drama	SECOND FIRST
		A Zone- English Drama	SECOND
Dhiran N	2012-2015	Waterpolo	National Participant
Prasath C	2010-2013	Wrestling-Intercollegiate	GOLD
Bagath BJ	2010-2013	Wrestling-Intercollegiate	GOLD
ShahulManshu K	2009-2012	Wrestling- statelevel and university	GOLD

24. List of eminent academicians and scientists /visitor to the department

1. Dr. Rajan K, Director, Institute of management in Kerala
2. Dr Venkitapathy, Director, School of Entrepreneurship, Bharathiar University
3. Dr Ganesan G, Head, Department of commerce and management, Bharathiar University
4. Sri Ramesh Venugopal, District Development manager, NABARD
5. Sri Chenthamarakshan M, Joint Registrar, Rtd, co-operative department, Kerala
6. Prof CA, CMA Hariharan C, Associate Professor, Viswajyothi college of Engineering.
7. CA, CMA and CS (inter) Ajith S, Practicing Chartered accountant and alumni of the Department
8. Sri Venkideswaran, Head, District industries Centre, Chittur thaluk

25. Seminars /Conferences/Workshops organized & the source of funding

National sponsored by DCE-6 UGC-2

26. Student profile programme /course wise:

B.Com	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2015-16		64	14	50	96.36
2014-15		60	9	51	96.36
2013-14	2715	58	15	43	92.98
2012-13	2560	57	16	41	85.18
2011-12	2320	57	12	45	87.27
2010-11	2100	57	16	41	72.13
2015-16		18	2	16	100
2014-15		20	4	16	94.73
2013-14		17	4	13	100
2012-13		16	3	13	100
2011-12		18	2	16	100
2010-11		17	2	15	100

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Com	100	Nil	Nil
M.Com	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET & JRF : 40 + 3 = 43 students

29. Student progression

Student progression	Against % enrolled
UG to PG	60%
PG to M.Phil.	10%
PG to Ph.D.	2%
Ph.D. to Post-Doctoral	Nil
Employed	
• Campus selection	Nil
• Other than campus recruitment	70%
Entrepreneurship/Self-employment	10%

30. Details of Infrastructural facilities

a) **Library:** 4027 Books, 13 Journals

b) **Internet facilities for Staff & Students :** 32 systems internet connected (30 ASAP LAB)

c) **Class rooms with ICT facility:** 4 Inbuilt projector (3 class room & Library)

d) **Labs—**Computer Lab with 17 systems.

31. Number of students receiving financial assistance from college, university, Government or other agencies

Name of scholarship	Number of students
Suvarna Jubilee	11
State Merit Scholarship	10
Central sector Scholarship	17
Samunnathi	2
KSHEC	2
CH Muhammed Koya	3
PH Blind Scholarship	1
Post Metric	3

32. Details on student enrichment programmes (special Lectures / workshops / seminar) with external experts

Programme	Topic	Period	Remarks
Seminar initiated by students- in connection with celebration of International day of co-operatives	Rupee devaluation	22-10-2013	B.Com 2011-14 batch sponsored
	Principles of co-operation in the present scenario	4-08-2014	B/Com 2012-15 batch sponsored
	Employment prospects in cooperatives	5-8-2015	B/Com 2013-16 batch
National seminars	Recent trends in commerce, trade and industry	7-8 march 2011	UGC
	Foreign Direct investment	16-12- 2011	DCE
	Innovative methods and techniques in social science research	31-01-2013	DCE
	SPSS	30-31 Oct 2013	DCE
	Change and transformation strategies in corporate management-making the wave	19-20 Nov 2014	UGC
	Newhorizons in management research	10 & 11-12- 2015	DCE
	Fundamentals of statistical analysis in social science research	3-4 Feb 2015	DCE
	IFRS	8-9, 12- 2016	DCE
Invited talk	Valuation of Futures and options	5-6- 2015	Department initiated

	IFRS	28-10-2016	Department initiated
	Financial awareness	29-8-2016	SEBI
	Mutual Fund schemes		BSE
	Financial Literacy	10-8-2016	NABARD
	Capital Market Awareness	17-07-2016	BSE
Inter Collegiate Quiz competition	Co-operation	15-2- 2016	Sponsored by PACS, PDCB and NABARD
NET Coaching	Paper-I-II-III	1-11-2106 to 20-1-2017	Conducted bi annually from 2007 onwards
Weekly quiz Contest	On relevant themes of the week	Every Friday	Initiated by department

33. Teaching methods adopted to improve student learning

ICT enabled teaching, Seminars, Debates, Workshops, Activity oriented coaching (model reader's cooperative society), Field visit (to cooperative societies, industrial units)

34. Participation in Institutional Social Responsibility (ISR) and Extension activities of Department

Department is the study centre for school of distance education, university of Calicut

- Organises visits to old age homes and orphanages annually.
- Every Friday 3 students team in the department visits old age home in support of faculty Sri Pradeesh K for supporting them.
- Conducted a model PSC examination for the post of Assistant Professor to candidates in the district in 2014
- Participation in Election to Parliament and Assembly and LSGs
- UG & PG students project evaluation of other Colleges of Calicut university
- Resource persons for engaging contact classes for SDE students
- In association with NSS of the college, department took part in the rehabilitation works of Diarrhea affected resident at Pattanchery

Teachers

Extension lectures outside college by faculty members by Dr. Lakshmanan MP

1. Research methodology for social science researches - SN College

Alathur

2. Language of Advertising- SN college Alathur
3. Basics of project preparation for M.Com students- VV college of science & technology
4. Fundamentals of social science researches- Cooperative college- Mannarkkad

Initiatives of Dr. Vinod G

1. Live telecast in EDUSAT on Schools of management thought
2. Master trainer in KILA on Introduction of double entry accounting in LSGs in Kerala
3. Application of ABC Analysis in purchase manual for LSGs-Draft preparation

Students initiated/supporting programmes

- ➔ Won second prize in Government of India Digital awareness programme at district level
- ➔ Yearly students' literature magazine "Akshaya" is published
- ➔ Yearly Business magazine "Intellegentia" is published 2015 onwards
- ➔ Organises cricket tournament in the name of commerce student participated at state level who passed away in 2014
- ➔ ED club organizes ED fest every year and ED awareness programme in support of DIC-chittur
- ➔ Manages STUDENTS' ENRICHMENT PROGRAMME consisting of 20 programmes that envisages collection of news articles, logos, thoughts, achievements, recent developments, global issues, environmental concerns, business cartoons etc and is displayed in board,
- ➔ Manages programmes/ initiatives like Opinion survey, Professional window, E Club, Business Lab

35. SWOC analysis of the department and Future plans

Strength

- Students with High potential in academics/ arts and sports 226 students
- Experienced and Research oriented department faculty members
- B.Com with cooperation offered by the department is equivalent to Higher Diploma in Cooperation (HDC)
- UG and PG pass out averages above 95 per cent
- Number of students qualified NET & JRF 40 +3= 43 students.
- Number of students qualified for Professional Courses CA, CMA, CS = 10.
- Major/Minor research programmes 3
- Most demanded course in the arts and science colleges
- Computer Lab supporting students' requirements for academic /project works
- Well managed Department Library with more than 4000 books and 10 journals
- ICT enabled classrooms

- Annual Class PTAs for each class
- Conduct and Convene ED Fest, Weekly Quiz, Seminars
- Daily Morning Assembly to inculcate value and practice activities based on morale and innate potentials
- Magazine- Business magazine “Intelligentsia” Literature magazine “Akshaya”
- Suggestion Box – a democratic and students friendly approach
- Working Model of Co-operation – Department Readers cooperative society
- Business Lab- for creating awareness among students on various documents, forms and Reports used in banks, insurance companies and other corporate entities
- Activity based teaching – Field visit to Cooperative societies and offices of cooperative department- government of Kerala
- Active and Supportive Department alumni contributing to financial assistance to students, sponsoring seminars , library books, Equipments

Weakness

- Inadequate infrastructure facilities
- Lack of wi-fi connectivity
- Lack of net connectivity in the Department Computer Lab
- Lack of campus placement

Opportunities

- B. Com with cooperation offered by the Department offers ample opportunities in Cooperative department
- Now the Department has the sufficient faculty with PhD qualification, eligible to be a Research Department
- The resources of the Department be used for conducting add on courses on Taxation, Tally and Computer Literacy programmes
- The service of Alumni who are practicing CA, CMA, CS for creating awareness and motivation among the students.
- Further use of Department alumni for the future developmental activities of the Department.
- Provide Opportunity to students for Event Management

Challenges

- Poor financial background of students.
- Non availability Innovative and industry linked courses like Honors degree and Management Courses

Future Course of action

- Intends to uplift the Department to a research department
- Social Science Research Support Centre (data analysis with SPSS software)
- Tax consultancy with support of ICAI chapter Palakkad
- Professional Course Linkage – supports students in completing professional courses along with
- Regular courses (CA,CS,CMA and MBA)

4. DEPARTMENT OF ECONOMICS

1. **Name of the department** : Economics
2. **Year of Establishment** : 1947
3. **Names of Programmes/Courses offered:** UG, PG
4. **Names of Inter disciplinary courses and the departments /units involved:**
Open Course Offered To Other Department As Part Of Curriculum- BANKING
5. **Annual/semester/choice based credit system (programme wise)**
Choice based credit System: UG
Semester system: PG
6. **Participation of the department in the courses offered by other departments**
: Nil
7. **Courses in collaboration with other universities, industries,foreign institutions, etc.:** Nil
8. **Details of courses /programmes discontinued (if any)with reasons:** Nil
9. **Number of teaching posts:**

	Sanctioned	Filled
AssociateProfessors	1	1
Asst.Professors	7	7

10. **Faculty profile with name, qualification, designation, specialization,(D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	No.ofYears of Experience
Anand Viswanath A	M.A	Associate Professor	International Economics	24
Dr.K.Baby	MA, B, Ed, Ph.D	Assistant Professor	Environmental Economics	14
Nagaraj S	MA ,B. Ed	Assistant	Industrial Economics	7
Manju Varghese	MA, B. Ed M. Phil	Assistant Professor	Health Economics	6

Smitha P	MA B.Ed	Assistant Professor	Financial Economics	6
Sumathy M	MA B.Ed	Assistant	Agricultural Economics	3
Brejesh NS	MA B.Ed	Assistant Professor	Environmental Economics	3
Jyothi K K	MA B.Ed	Assistant Professor	Macro Economics	I month

11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Nil
13. **Student-Teacher Ratio(programme wise)**
Undergraduate: 1:27.5
Post Graduate: 1: 5.71
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil
15. **Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.**
Ph. D. 1; M.Phil: 1; MA-6 as on 2016
16. **Number of faculty with ongoing projects from a)National b)International funding agencies and grants received**
 - Smitha P: Performance of Cotton Textile mills in Kanjikode, Funded by University Grants Commission Rs.95000/-. Status : Completed
 - Prasad MG, Changes in Cropping Pattern and Health Problems on Tribals:Acase study in Attapady,Palakkad District,Sanctioned Year 2015,Fund Allocated:Rs.95000/-
17. **Departmental projects funded by DST-FIST;UGC, DBT, ICSSR,etc.andtotal grantsreceived:** 3 UGC MRP-Rs. 260000/-
18. **Research Centre/facility recognized by the University:** Nil
19. **Publications:**
 - a) **Publication per faculty**
Dr. K. BABY
 - Organic Farming-The Cluster approach, Kurukshtra journal, Vol.58-No. 9July 2010 page no 39-41(Central Govt Journal of Rural Development-ISSN 0021-5660)
 - Food and Environment-A panacea for Food Inflation, Vol.38-No.10 page no.33-35 October/2011, Kisan World (ISSN 0971-9229 National Journal)
 - Solid Waste Management- A Case Study of Palakkad Municipality, Southern

- Economist, Vol.No50, No.20, February 15, 2012, 52-54 (ISSN 0038-4046-National Journal)
- Food Security and Public distribution System-Issues and Challenges, Kurukshtra journal of rural Development, Vol no 60, No 5, March 2012 page 20-23, ISSN Journal on Rural Development Central Govt Journal ISSN
 - Tools for women Empowerment and Gender Equality, Kurukshtra journal of rural Development, Vol.No.61. No. 10 August 2013, page no 20-23, Journal on Rural Development Central Govt Journal-Ministry of Rural Development ISSN 0021-5660.
 - Green House Farming- An innovative Technology for food security and Rural Development, Kurukshtra journal of rural Development, ISSN0021-5660 Journal on Rural Development, Central Govt Journal-Ministry of Rural Development, Vol.No.62. No. 9 July 2014, page no 20-23.
 - Rural Infrastructural Development-A Tool For Rural Poverty Alleviation, Kurukshtra Journal Of Rural Development, ISSN Journal On Rural Development, Central Govt Journal-Ministry of Rural Development, Vol.No.62. No. 7 May 2014, Page No 20-23
 - Role of Coir Industry on Kerala’s Rural Development, Kurukshtra Journal Of Rural Development, ISSN0023-5660 Journal On Rural Development, Central Govt Journal-Ministry of Rural Development, Vol.No.62. No. 7 March 2014, Page No 34-37
 - Sources of Rural Credit, Kurukshtra Journal Of Rural Development, ISSN0021-5660 Journal On Rural Development, Central Govt Journal-Ministry of Rural Development, Vol.No.63. No. 01, November 2014, Page No 26-28
 - Commercialisation of Agriculture-Rubber Plantations, Kurukshtra Journal of Rural Development, ISSN 0021-5660 Journal On Rural Development, Central Govt Journal-Ministry of Rural Development, Vol.No.63. No. 03, January, Page No 17-20.
 - An Assessment of Health status and its social Dimensions with Special Reference to Kerala, “International Journal of Applied Management Research (IJAMR)”, Volume 7, January-June 2015, Issue 1, No. 1, Volume No. 7, ISSN 0974 8709, TISSL Publication-Belgium, 2015,Pp No.4-13.
 - “Environmental Pollution and Waste Management: A Case study of Chittur Thattamangalam Municipality, Kerala” Urban Panorama ISSN:0975-8534 Journal, A journal of Urban Governance and Management by Regional Centre for Urban and Environmental Studies-Ministry of Urban Development, Govt. Of India, Lucknow, Vol.XIII July-December, 2014 No. 2, page No. 29-48.
 - “Education for Empowerment” Kurukshtra Journal of Rural Development, ISSN 0021-5660 Journal on Rural Development, Central Govt. Journal-Ministry of Rural Development, Vol.No.63. No. 05, March 2015, Page No 18-23.
 - “Gender Responsive Budgeting-Exploring the Realities” ISSN0021-5660 Journal on Rural Development, Central Govt. Journal-Ministry of Rural Development, Vol.No.63. No. 06, April 2015, Page No 28-31.
 - “Rain Water Harvesting and Drinking Water Management” ISSN 0021-5660 Journal on Rural Development, Central Govt. Journal-Ministry of Rural Development, Vol.No.63. No. 07, May 2015, Page No 20-23.
 - “An Assessment of Solid Waste Management of Palakkad Municipality in

- Kerala” Urban Panorama ISSN 0975-8534, Journal, A journal of Urban Governance and Management by Regional Centre for Urban and Environmental Studies-Ministry of Urban Development, Govt. Of India, Lucknow, Vol.XIV, January-June, 2015, No. 1, page No. 19-42.
- “Social Inclusion and Rural Development through MNREGA”- Kurukshtra ISSN: 0021-5660 Journal on Rural Development, Central Govt. Journal-Ministry of Rural Development, Vol.No.64. No. 02, 2015, Page No 45-48.
 - “Cash Crops- The role of Tea Plantation Industries” Kurukshtra Journal of Rural Development, ISSN 0021-5660 Journal on Rural Development, Central Govt Journal-Ministry of Rural Development, Vol.No.64. No. 05, March 2016, Page No 39-42
 - “An Assessment of Urban Transport Development –A Case Study of Kerala” Urban Panorama ISSN 0975-8534, Journal, A journal of Urban Governance and Management by Regional Centre for Urban and Environmental Studies-Ministry of Urban Development, Govt. of India, Lucknow, Vol.XIV, July-December 2015, No. 2, page No. 19-32.
 - “Waste to Energy –Some Technical Solutions” Kurukshtra Journal of Rural Development, ISSN 0021-5660 Journal on Rural Development, Central Govt Journal-Ministry of Rural Development, Vol.No.64. No. 09, July 2016, Page No 27-30.
 - “Human Development Index of India-An Assessment” Urban Panorama ISSN 0975-8534, Journal, A journal of Urban Governance and Management by Regional Centre for Urban and Environmental Studies-Ministry of Urban Development, Govt. of India, Lucknow, Vol.XIV, January-June 2016, No. 2, page No. 163-176.
 - Foreign Direct Investment and Retailing in India-Issues and concerns, International Journal of Research in Commerce, Economics & Management IJRCM, Volume No. 2(2012), Issue No.3(March), Page No 108-113, ISSN 2231-4245 International E- Journal
 - Common Property Resources-Availability and Dependency Pattern-(A case Study of Boluvampatti Panchayat- Tamil Nadu , International journal of Research in Commerce, Economics & Management(IJRCM), Volume No.2(2012), issue No.8 (August)ISSN 2231-4245).PP.145-152., International E-Journal.
 - A Study on the Growth of Scheduled Commercial Banks in India, International journal of Research in Commerce, Economics & Management(IJRCM), Vol. No 3 (2013), Issue No 02 February PP No.100-104, International E- Journal, ISSN 2231-4245.
 - Health Impact of Solid Waste Management on Sanitary Workers, International Journal of Applied Management and Research, -ISSN 0974-8709. TISSL International Publications, 2014, Volume 6, January to June Issue ppNo.4-9
 - The Marketing Ethics of Handloom Industries-A Case Study of Weavers With Special Reference to Chittur Taluk, “International Journal of Applied Management Research (IJAMR)”, Volume 6, January-June 2014, Issue 1, No. 4 ISSN 0974- 8709, TISSL Publication-Belgium, 2014,Pp No.81-87.
 - “Women Empowerment Through Self Help Group- A Case Study Of Coyalmannam Grama Panchayath” International Journal of Applied Management Research (IJAMR)”, Volume 7, January-June 2015, Issues,

Volume No. 7, ISSN 0974 8709, TISSL International Publication-Belgium, 2015,Pp No.1-7.

- Human Capital Formation And Education Status Of Scheduled Caste With Special Reference To Vadakkencherry Grama Panchayath in Palakkad, International Journal of Applied Management Research (IJAMR)”, Volume 7, January-June 2015, Issues, Volume No. 7, ISSN 0974 8709, TISSL Publication-Belgium, 2015,Pp No.76-79.

NAGARAJ .S

- The Marketing Ethics of Handloom Industries-A Case Study of Weavers With Special Reference to Chittur Taluk, “International Journal of Applied Management Research (IJAMR)”, Volume 6, January-June 2014, Issue 1, No. 4 ISSN 0974 8709, TISSL Publication-Belgium, 2014,Pp No.81-87.

MANJU VARGHESE

- Climate change and its impact on agriculture and food security with special reference to kerala-chapter jiggyassa vol.10-2014 issn 2249-3298 page no. 291-299.
- Impact of Agri-Commercialisation In Kerala-Kurukshetra January 2015 page no- 23-26.
- Change In The Occupational Structure Of India
- Health problems of agricultural farmers –a case study of Elappully Panchayat Chapter 61 of international journal of applied management research ,Tissl international publication –Belgium vol.7 Jan-June 2015 page no. 269-275

SMITHA .P

- Climate change and its impact on agriculture and food security with special reference to kerala-chapter jiggyassa vol.10-2014 issn 2249-3298 page no. 291-299.
- Impact of Agri-Commercialisation In Kerala-Kurukshetra January 2015 page no- 23-26.
- Health problems of agricultural farmers –a case study of Elappully Panchayat Chapter 61 of international journal of applied management research, Tissl international publication –Belgium vol.7 Jan-June 2015 page no. 269-275

SUMATHY .M

- Climate change and its impact on agriculture and food security with special reference to kerala-chapter jiggyassa vol.10-2014 issn 2249-3298 page no. 291-299.
- Impact of Agri-Commercialisation In Kerala-Kurukshetra January 2015 page no- 23-26.
- Health problems of agricultural farmers –a case study of Elappully Panchayat Chapter 61 of international journal of applied management research ,Tissl international publication –Belgium vol.7 Jan-June 2015 page no. 269-275

BREJESH .N.S

- The Marketing Ethics of Handloom Industries-A Case Study of Weavers With Special Reference to Chittur Taluk, “International Journal of Applied Management Research (IJAMR)”, Volume 6, January-June 2014, Issue 1, No. 4 ISSN 0974 8709, TISSL Publication-Belgium, 2014, Pp No.81-87.

Chapter in Books

Dr. K.Baby

- Rural Sanitation and Waste management, Edited ISBN Book-facets of Rural Health in India By Dr. C. Dhandapani, Published by serial Publications, New Delhi, Pp no. 295-307, ISBN- 978-81-8387-669-8, 2014.
- Environmental Impact Assessment and Household Behavior of Waste Management - A Case Study of Palakkad Municipality, Edited Book- Problems and Challenges Of Emerging India, Published By Global Research Publication, New Delhi, 2013, PP No. 17-26, ISBN: 978-81-89630-66-9.
- Rural Waste Management: A Need For Sustainable Rural Environment, Edited ISBN Book-Sustainable Agriculture In 21st Century-Strategic Approaches And Practices, By Naheen Haider Zaidi & Mohammed Muqet Khan, Published By Regal Publications, New Delhi, ISBN 978-81-8454-408-5, PP No. 263-271, 2014.
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- “Social Dimensions of Green Economy and Sustainable Development”-ISBN Book with Two Volume published. Publication done by Anmols Publication PVT.Ltd, New Delhi, 2015. ISBN No.978-81-261-6380-9.
- Basic Tools for Women Empowerment and Gender Equality: The Role of Microfinance and Self Help Group, Edited ISBN Book-Tribal and Rural Development-Variou Facets and Innovative Strategies, By Mohammad Awais & Naheen Haider Zaidi Published By Regal Publications, New Delhi. ISBN 978-81-8484-409-, PP No. 2116-126.2014.
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- “Health Care waste Management-Issues and Challenges” by Dr. C. Dandapani, published by serial publishers, New Dwlhi-Health of Nation-India’s Experiment and Experiences- ISBN No:978-81-8387-747-3, PP No.86-97.
- Financial inclusion gateway of gramin banks-with special reference to kerala”- Financial Inclusion And Economic Development An Obvverview, by Dr. K. Baby and Manju Varghese, published by Authors press, New Delhi, ISBN No. 978-93-5207-261-3, PP No. 13-26.
- “Kudumbasree-The Self Help Model Poverty Alleviation Programme in Kerala”Rural Development in India-Policies and Programmes by Dr. Abdul Azeez NP & S. M. Jawed Akhtar, published by Kalpaz publication, Gyan Books pvt ltd, ISBN No. 978-93-5128-152-8, PP no 255-270.
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- The Impact of Air Pollution on Health and Environment, Anmol Publications, ISBN 978-81-261-6380-9(set),Social Dimensions of Green Economy and Sustainable Development, pp 599-613.
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- Changing face of Kerala model of development –an analysis of health indicators –chapter 18 the development experience of Kerala-a panoramic view published in 2015 page no-261-268.
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- An evaluation of mid-day meal scheme in Palakkad district, Kerala-chapter 37 Of health of nations –India’s experiments and experiences published in 2016 by serial publication Isbn 978-81-8387-747-3 page no-350-361.

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- Green Banking Initiatives: An Innovative Strategy For Development vol.1 published in 2015 Isbn 978-81-261-6380-9 Publication page no. 114-122
- An evaluation of mid day meal scheme in Palakkad district ,Kerala-chapter 37 Of health of nations –India’s experiments and experiences published in 2016 by serial publication Isbn 978-81-8387-747-3 page no-350-361
- Decentralization, Rural Governance And Inclusive Growth-Linkages And Implications-chapter 5 of Good Governance And Economic Growth published in 2015by regal publications isbn.978-81-8484-504-4.
- An Insight into the Current Status and Progress of Financial Inclusion in the book Financial Inclusion and Economic Development: an Overview, ISBN 978-93-5207-261-3 by Authors press, New Delhi 2016.

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- Changing face of Kerala model of development –an analysis of health indicators –chapter 18 the development experience of Kerala-a panoramic view published in 2015 page no-261-268.
- A trade off between green revolution and sustainable development of agriculture chapter 10 of Social dimensions of green economy and sustainable development vol.1 published in 2015 Isbn 978-81-261-6380-9 Publication page no. 114-122.
- An evaluation of mid day meal scheme in Palakkad district ,Kerala-chapter 37 Of health of nations –India’s experiments and experiences published in 2016 by serial publication Isbn 978-81-8387-747-3 page no-350-361.
- Decentralization ,Rural Governance And Inclusive Growth-Linkages And Implications-chapter 5 of Good Governance And Economic Growth published in 2015by regal publications isbn.978-81-8484-504-4

Brijesh N.S

- Role of MGMNREGA in Financial Inclusion In India in the book Financial Inclusion and Economic Development: an Overview, ISBN 978-93-5207-261-3 by Authors press, New Delhi 2016.
- Health Issues of Domestic Migrants Labourers In Kerala: Kerala-chapter 14 Of health of nations –India’s experiments and experiences published in 2016 by serial publication Isbn 978-81-8387-747-3 page no-350-361.
- Challenges In THE Way Of Conservation Of Rivers In Kerala And The Solutions: Chapter 44 of Social dimensions of green economy and sustainable development vol.1 published in 2015 Isbn 978-81-261-6380-9

BookswithISBN/ISSNnumberswithdetailsofpublishers

K. Baby

- “Social Dimension of Green Economy and Sustainable Development- Vol.1 by Anmol Publication, New Delhi. ISBN 978-81-261-6380-9
- “Social Dimension of Green Economy and Sustainable Development- Vol. II by Anmol Publication, New Delhi. ISBN 978-81-261-6380-9
- Financial Inclusion and Economic Development: an Overview, ISBN 978-93-5207-261-3 by Authors press, New Delhi 2016.

Manju Varghese

- Financial Inclusion and Economic Development: an Overview, ISBN 978-93-5207-261-3 by Authors press, New Delhi 2016.

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b)International Committees c)Editorial Boards: Nil

22. Student projects a)Percentage of students who have done in-house projects including interdepartmental / programme

Each year 70 students

50 ug, 20 pg in every year

b) Percentage of students placed for projects in organizations outside the institution i.e.in Researchlaboratories/Industry/ otheragencies: Nil

23. Awards/Recognitions received by faculty and students

Students

- Sibin K II MA Economics I prize Q 20 Quiz Programme conducted by Doordarshan
- Midin M- II MA Economics Participation in Q 20 Quiz Programme conducted by Doordarshan.
- Shijoy K.National Ball Badminton Championship 2015 IInd Prize.
- Sibin. K. First position holder in Calicut University BA Economics(Highest Mark holder for BA Examination in Kerala in the year 2012-13.

- Sujith: Ball Batminton.
- Manikandan: Wrestling.
- Treasa Maria - Third position holder in Calicut University BA Economics(Highest Mark holder for BA Examination in Kerala in the year 2016

24. List of eminent academicians and scientists /visitors to the department

- Prof. Dr. K. Govindarajalu, Director of Distance Education and Professor of Bharathiar university, Coimbatore.
- Dr. D. Elango, Assistant Professor, Govt. Arts College, Coimbatore.
- Dr. C Rajendran, Assistant Professor, Govt. Arts College, Coimbatore.
- Dr. G pandurangan, Assistant Professor, Govt. Arts College, Coimbatore.
- Dr. Karunakaran , Assistant Professor, EKNM Govt. Colleeg ,
- Dr. Somasundaram, Professor and Head DSO TNAU, Coimbatore
- Prof. Dr. S. Iyyampillai, Prtofessor & Chair, Scool of Economics, Bharathidasan University, Thiruchirapilly
- Dr. Muraleedharan , Associate Professor& Guide, Maharjas College Ernakulam.
- Dr. Vishaka Varma, Associate Professor& Guide ,Maharjas College Ernakulam.
- Dr. Martin Patrik , Associate Professor& Guide ,Maharjas College Ernakulam
- A G Varghese, Senior Vice President ,South Indian Bank.
- Prof. PA Vasudevan, Eminent Economist & Public relations Office, Mathruboomi.
- Prof B M Mustafa, research Coordinator IRCTC Mundoor.
- Dr. P S John, Prof Agronomy, Kerala Agricultural University.
- Dr. N Miniraj, Prof. Kerala Agricultural University.
- Dr. Indira Devi P, Prof Agricultural University, Center For Excellence Environmental Economics

25. Seminars /Conferences /Workshops organized & the source of funding a)
National: 8. 7 sponsored by DC and one sponsored by UGC

26. Student profile programme /c oursewise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2015-16	2600	55	3	52	94
2014-15	2800	50	13	37	86
2013-14	2530	50	14	36	88
2012-13	2610	51	16	34	90
2011-12	2100	51	18	32	86
2010-11	2080	51	17	33	91
2009-10	1879	51	20	30	96

*M=Male *F=Female

PG	Applications received	Selected	Enrolled		Pass %
			*M	*F	
2016 -17	353	20	4	17	
2015-16	328	20	3	17	90
2014-15	326	20	4	16	90
2013-14	94	20	2	18	100

23. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2016-17	100	nil	nil
2015-16	100		nil
2014-15	100	2	
2013-14	98	2	
2012-13	98	2	
2011-12	98	2	
2011-10	98	2	

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

NET: 7
Defence Service: 8

29. Student progression

Student progression	Against % enrolled
UG to PG	40%
PG to M.Phil.	10
PG to Ph.D.	8
Ph.D. to Post-Doctoral	nil

Employed	4
•Campus selection	
•Other than campus recruitment	76
Entrepreneurship /Self-employment	8

- 30. Detailsof Infrastructural facilities**
a) Library: 2200 books and 15 Journal including international
b) InternetfacilitiesforStaff&Students: 8 Desktops with internet facilities & 3 laptops
c) Class rooms with ICT: 2 classrooms.
d) Laboratories: Nil
- 31. Number of students receiving financial assistance from college, university, government or other agencies**
 180 students out of 190 students
- 32. Details on student enrichment programmes (special lectures /workshops/ seminar) with external experts**
- Departmental Seminar
 - National Seminars
 - Invited talk
 - Remedial Coaching
 - Intercollegiate quiz competition
 - Participation in Extracurricular and curricular activities
 - NET /SET COACHING For MA students
 - Coaching for various bank and other competitive exam
- 33. Teaching methods adopted to improve student learning**
- ICT oriented teaching
 - Seminars
 - Symposiums
 - Panel discussions
 - Brain storming
 - Debates
 - Workshops
 - Activity Oriented coaching
 - Extension activity oriented teaching
 - Field Visit/Project works
- 34. Participation in Institutional Social Responsibility (ISR) and Extension activities**
- 1. Teachers**
- A talk on “Research Methodology in Economics” at Mercy College Palakakad, by Manju Varghese, Assistant Professor (2014)
 - “VEETINORU THOOTAM” an organic farming initiative has been undertaken by the department to develop organic farms in100 households of

the students.2015

- “NERU: ON THE VERGE OF TRUTH” A documentary visualizing the reasons behind the increasing infant mortality among tribes in Attappady. 2015
- A talk on “Research Methodology in Economics” at Mercy College Palakkad, By Manju Varghese, Assistant Professor (2015)
- A talk on “Career Opportunities in Economics” at Mercy College Palakkad, by
Manju Varghese, Assistant Professor (2015).
- Served As presiding Officer for Parliamentary Elections held on 2014 & 2016
Smitha P 2014
Sumathy M 2014, 2016
Nagaraj S2014, 2016
Brejesh N S 2014, 2016

- Extension talks on Social Revelant themes at Panchayath and Block Panchayath level by Brejesh N S
- Free NET/SET coaching outside PG students who has been preparing for NET Examination for past 2 years.
- “Oikonomia”An intercollegiate quiz programme has been conducted in which 10 colleges has been participated. 2014
- NERKAZCHA: “Beyond the Complexion” a documentary film is under progress with the assistance of government of Kerala Tribal Department and directorate of collegiate department.2014
- “VEETINORU THOOTAM” Phase II Continuation of an organic farming initiative by the department. 2016
- NERARIVU, A socio-economic survey and supply of basic necessities to the cholera affected persons at kadinchira ward at pattanchery 2016

STUDENTS

- Participation in Survey of Pradan mantri jandhan Yojana scheme in association with South Indian bank ,Chittur.
- Socio economic survey of Chittur Thathamangalam Municipality
- Yearly student’s Magazine “OPHLIMITE” has been published to express their
creative and economic views
- OIKONOMIA: THE NEWS BULLETIN which contain the weekly
current
economic news related to share markets, Currents ,trends ,Banks and money
markets, global issued has been collected and displayed in the board
- Socio economic survey of Attapadi Tribal Block
- Socio economic survey of Kadunchira Ward of Pattancheri in relation to
Cholera outbreak

Books Published by the Department

1. Problem and Challenges of I Emerging India: ISBN NO:978-81-89630-66-9,Global research Publication New Delhi.2013
2. Social Dimensions of Green economy and Sustainable Development:978-81-261- 6380-9, Anmol Publications Pvt LTD, New Delhi

2015

3. Financial Inclusion and Economic Development: Author Book Press
ISBN:978935272613

35. SWOC analysis of the department and Futureplans

Strength:

A department with greatest number of students (197) and 8 staff members having academic excellence and dedication.

Majority of them receive financial assistance of one form or the other.

Weakness:

Poor socio-economic background of the students.

Opportunities:

This course is a stepping stone to reach high goals to our students. A well enriched Alumni who are placed in renowned positions in various fields is our asset. Students are well placed in state and central govt. departments at all levels. Self employment oppurtunities are also higher and is pursued by the students.

Challenges:

we are uplifting and making the students who are coming from poor background especially the tribal and down trodden community, capable of facing the challenges of the modern world. Economics a very traditional course is able to with stand and sustain the pressure exerted by the new generation courses. This is reflected in the increasing number of application for our Undergraduate and Post Graduate Course.

Future Plans

1. Continuation of the community extension services Veetil Oru Thottam: Phase III in an inclusive manner by adopting a nearby agricultural village with the aim of utilising the ideal workforce.
2. Socio-Economic Survey of economically to cope up with the needs of the Panchayath developmental Activities.
3. Organising An International Seminar.
4. Initiative to start up add on courses.
5. To find the employment opportunities as in the name of Low Key Employment Strategies for Rural Youth.
6. Career oriented Invited Talks in a series form.
7. A short Film on recent economic issues
8. A documentary on Precision Farming
9. Coaching classes for NET /SET/PSC and other competitive exams
10. Open access of department library and other department resources to Alumini
11. Planning to provide consultancy to outside agencies

5. Department of Electronics and Computer science

1. **Name of the department:** Electronics and Computer science
2. **Year of Establishment:** 1999
3. **Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.):** UG-B.Sc Electronics
4. **Names of Interdisciplinary courses and the departments / units involved:** Computer Science and Mathematics
5. **Annual /semester/choice based credit system (programme wise):**CBCSS
6. **Participation of the department in the courses offered by other departments :** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses/ programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts**

Category	Sanctioned	Filled
Professors	Nil	Nil
AssociateProfessors	Nil	Nil
Asst.Professors	4(Electronics)+1(Computer Science)	4(Electronics)+1(Computer Science)

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	Years of Experience
Dr. Nishamol M.S	Ph.D	Assistant Professor	Microwave Electronics	5 years
Dr. Sarin V.P	Ph.D	Assistant Professor	Microwave Electronics	5 years
Dr. Sreejith M. Nair	Ph.D	Assistant Professor	Microwave Electronics	5 years

Sindhu S	M.Sc	Assistant Professor	Embedded Systems	5 years
Dhanya Mohan O	MCA	Assistant Professor in Computer Science	Big Data Analysis	2years

11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Nil
13. **Student-Teacher Ratio (programmewise):**19:1
14. **Number of academic support staff (technical) and administrative staff;sanctioned and filled:** Academic support staff- 1 (Lab attender)
15. **Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil /PG:**
PhD-3. PG – 2
16. **Number of faculty with ongoing projects from a) National b)International funding agencies and grants received:** National funding agency-4 faculty members
17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR,etc.and total grants received**

Name	Funding Agency	Project	Grants received in lakhs	Month & Year
Dr. Nishamol M.S	UGC	Minor	1.55	March 2014
Dr. Sarin V.P	UGC	Minor	2	August 2013
Dr. Sreejith M. Nair	UGC	Minor	1.45	March 2014
Sindhu S	UGC	Minor	2	August 2013

18. **Research Centre/facility recognized by the University:** Nil
19. **Publications:**
 - a) Publication per faculty
Nishamol M. S
 - **Nishamol M. S., Jayakrishnan M. P., Sarin V. P., Sreejith M Nair, Mohanan P and Vasudevan K, “Coplanar Waveguide Fed Wideband Minoan Double Axe**

Antenna for Wireless Applications”, *European Journal of Advances in Engineering and Technology*, 2(10), pp. 56-60, 2015.

- Sarin V.P, **Nishamol M.S**, Rohith K. Raj, Dinesh R, Vinesh P.V P. Mohanan and K. Vasudevan, “A metaresonator inspired dual band antenna for wireless communications”, *IEEE Transactions on Antennas and Propagation*, vol.62, no.2, pp.2287-2291, 2014.
- Sarin V P, **Nishamol M S**, Rohith K. Raj, Anju Pradeep, P Mohanan and K Vasudevan “A Compact Stacked Dipole Antenna With Directional Radiation Coverage for Wireless Communications” *IEEE Antennas and Wireless Propagation Letters*, Vol28, pp.841-844, 2013.
- **Nishamol M S**, Sarin V P, Tony D, C K Aanandan, P Mohanan and K Vasudevan “Varactor Controlled Frequency and Polarization Reconfigurable Microstrip Antenna” *RF and microwave computer-aided engineering*, Vol.21, pp.680-686, November 2011.
- Tony D, Sarin V P, **Nishamol M S**, C K Aanandan, P Mohanan and K Vasudevan “CPW fed slot planar antenna for wireless communications ” *Microwave and optical technology letters*, Vol.53, No.11, pp. 2501-2504, November 2011.
- **Nishamol M S**, Sarin V P, Tony D, C K Aanandan, P Mohanan and K Vasudevan “An Electronically Reconfigurable Microstrip Antenna with Switchable Slots for Polarization Diversity” *IEEE Transactions on Antennas and Propagation*, Vol.59, No.9, pp.3424-3427, September 2011.
- Sarin V P, **Nishamol M S**, Tony D, C K Aanandan, P Mohanan and K Vasudevan “A Wideband stacked offset microstrip antenna with improved gain and low cross polarization” *IEEE Transactions on Antennas and Propagation* Vol.59, No.4, pp.1376-1379, April 2011.
- **Nishamol M S**, Sarin V P ,Tony D, C K Aanandan, P Mohanan and K Vasudevan “Design of a circularly polarized rectangular microstrip antenna for GPS applications” *Microwave and optical technology letters*, vol. 53, No.2, pp.468-470, February 2011.
- Sarin V P, **Nishamol M S**, Tony D, C K Aanandan, P Mohanan and K Vasudevan “A broadband L-strip fed printed microstrip antenna” *IEEE Transactions on Antennas and Propagation*, Vol.59, No.1, pp.281-284, January 2011.
- **Nishamol M S**, Sarin V P, Tony D, C K Aanandan, P Mohanan and K Vasudevan “Broadband printed V- slotted cross patch antenna for IEEE802.11a/WiMAX/HiperLAN2 applications”, *Progress In Electromagnetic Research Letters*, Vol. 19, pp. 155-161, 2010.

- **Nishamol M S**, Sarin V P, Tony D, C K Aanandan, P Mohanan and K Vasudevan “Design of Frequency and Polarization Tunable Microstrip Antenna” *Microwave Review*, vol.16, No.2, pp.22-28, December 2010.
- Sarin V P, **Nishamol M S**, Deepu V, C K Aanandan, P Mohanan and K Vasudevan “Wideband printed microstrip antenna for wireless communications” *IEEE Antennas and Wireless Propagation Letters*, Vol.8, pp.779-781, 2009.
- **Nishamol M S**, Sarin V P , Gijo Augustine, Deepu V, C K Aanandan, P Mohanan and K Vasudevan “Compact dual frequency dual polarized cross patch antenna with an X-slot”, *Microwave and optical technology letters*, vol. 50, No.12, pp. 3198-3201, December 2008.
- Sarin V P, **Nishamol M S**, Gijo Augustine, C K Aanandan, P Mohanan and K Vasudevan “An Electromagnetically coupled dual band dual polarized microstrip antenna for WLAN applications”, *Microwave and optical technology letters*, Vol. 50, No.7, pp. 1867-1870, July 2008.

Dr. Sarin V. P.

- **Sarin V. Pushpakaran**, , Jayakrishnan M.P, Pezholil Mohanan, C.K Aanandan and *Vasudevan Kesavath*, “Extraordinary Transmission Technique for Microwave Antenna Applications”, *Journal of Physics D, Applied Physics*, IOP Sciences, Accepted for publication, 2016.
- **Sarin V. Pushpakaran**, Anju Pradeep, Jayakrishnan M.P, Pezholil Mohanan and *Vasudevan Kesavath*, “Tailoring the spectral response of a dogbone doublet metamaterial”, Accepted in *Microwave and optical technology letters*, vol.58, no.6, 1347-1353, June, 2016.
- **Sarin V. Pushpakaran**, Nishamol M.S, Jayakrishnan M.P, C.K Anandan, Pezholil Mohanan and *Vasudevan Kesavath* , “A metamaterial Backed dipole antenna for directional applications”, *Advanced Electromagnetics*, vol.5, no.1, March 2016.
- **Sarin V. Pushpakaran**, Jayakrishnan M.P, C.K Anandan, Pezholil Mohanan and *Vasudevan Kesavath* , “An extraordinary transmission analogue for enhancing microwave antenna performance”, *AIP advances*, 2015.
- Anitha Ramachandran, **Sarin V.P**, Mohanan Pezholil and Vasudevan Kesavath, “A Four Port MIMO Antenna using Concentric Square Ring Patches Loaded with CSRR for High Isolation”, *IEEE Antennas and Wireless Propagation Letters*, vol.15, pp. no. 1196-1199, 2015.
- Anitha R, **Sarin V.P**, P. Mohanan, K. Vasudevan,” Enhanced isolation with defected ground structure in MIMO antenna”, *IET Electronics Letters*, Accepted for publication.
- **Sarin V. Pushpakaran**, Rohith K. Raj, Anju Pradeep, Lindo A.O, C.K Aanandan, P. Mohanan, K. Vasudevan, “An Experimental verification of

metamaterial coupled enhanced transmission for microwave antenna applications”, Applied Physics letters, vol.104, 2014.

- **Sarin V.Pushpakaran**, Nishamol M.S, Rohith K. Raj, Anju Pradeep and K. Vasudevan, “A Compact Stacked Dipole Antenna with Directional Radiation Coverage for Wireless Communications”, *IEEE Antennas and Wireless Propagation Letters*, n0.12, 841-844, 2013.
- **Sarin V.P**, Nishamol M.S, Rohith K. Raj, Dinesh R, Vinesh P.V P. Mohanan and K. Vasudevan, “A metaresonator inspired dual band antenna for wireless communications”, *IEEE Transactions on Antennas and Propagation*, vol.62, no.4, 2287-2291, 2014
- **Sarin V P**, Nishamol M S, Tony D, C K Aanandan, P Mohanan and K Vasudevan “A broadband L-strip fed printed microstrip antenna” *IEEE Transactions on Antennas and Propagation*, Vol.59, pp.281-284, 2011.
- **Sarin V P**, Nishamol M S, Tony D, C K Aanandan, P Mohanan and K Vasudevan “A Wideband stacked offset microstrip antenna with improved gain and low cross polarization” Accepted in *IEEE Transactions on Antennas and Propagation*.
- **Sarin V P**, Nishamol M S, Deepu V, C K Aanandan, P Mohanan and K Vasudevan “Wideband printed microstrip antenna for wireless communications” *IEEE Antennas and Wireless Propagation Letters*, Vol.8, pp.779-781, 2009.
- Gijo Augustine, Bybi P.C, **Sarin V.P**, C K Aanandan, P Mohanan and K Vasudevan “A Compact Dual-Band Planar Antenna for DCS-1900/PCS/PHS,WCDMA/IMT-2000 and WLAN Applications” *IEEE Antennas and Wireless Propagation Letters*, Vol.7, pp.108-111,2008.
- **Nishamol M S**, Sarin V P, Tony D, C K Aanandan, P Mohanan and K Vasudevan “An Electronically Reconfigurable Microstrip Antenna with Switchable Slots for Polarization Diversity” *IEEE Transactions on Antennas and Propagation* –Accepted for publication.
- **Sarin V P**, Nishamol M S, Gijo Augustine, C K Aanandan, P Mohanan and K Vasudevan “An Electromagnetically coupled dual band dual polarized microstrip antenna for WLAN applications”, **Microwave and optical technology letters**, July 2008.
- Laila D, Sujith R, Nijas C M, Sarin V P, Mohanan P,” Compact Modified Printed Monopole Antenna for Enhanced Gain Performance”, *International Journal of Applied Information Systems*, 2010.
- D Laila, R Sujith, VA Shameena, CM Nijas, VP Sarin, P Mohanan, “Complementary split ring resonator based microstrip antenna for compact wireless applications”, **Microwave and Optical Technology Letters**, vol.55, issue 4, pp. 814-816, 2012.
- Nishamol M S, **Sarin V P** , Gijo Augustine, Deepu V, C K Aanandan, P Mohanan and K Vasudevan “ Compact dual frequency dual polarized cross

patch antenna with an X-slot”, **Microwave and optical technology letters**, December 2008.

- Nishamol M S, **Sarin V P**, Tony D, C K Aanandan, P Mohanan and K Vasudevan “Single feed circularly polarized V slot antenna for GPS applications” Accepted for publication in **Microwave and optical technology letters**.
- Nishamol M S, **Sarin V P**, Tony D, C K Aanandan, P Mohanan and K Vasudevan “Design of frequency and polarization tunable microstrip antenna”, **Microwave Review Journal**, vol.16, No.2, December 2010.
- Nishamol M S, **Sarin V P**, Tony D, C K Aanandan, P Mohanan and K Vasudevan “Broadband printed V- slotted cross patch antenna for IEEE802.11a/WiMAX/GHiperLAN2 applications”, **Progress In Electromagnetic Research Letters**, Vol. 19, 155-161, 2010.
- **Nishamol M S**, Sarin V P, Tony D, C K Aanandan, P Mohanan and K Vasudevan “Varactor Controlled Frequency and Polarization Reconfigurable Microstrip Antenna” **RF and microwave computer-aided engineering**-Accepted.
- Tony D, **Sarin V P**, Nishamol M S, , C K Aanandan, P Mohanan and K Vasudevan “CPW fed slotted planar antenna for wireless communications ” **Microwave and optical technology letters**-Accepted.

Dr. Sreejith M. Nair.

- **Sreejith M. Nair**, Shameena V.A, R. Dinesh, and P. Mohanan, ”Compact Semicircular Directive Dipole Antenna for UWB Applications”, **IEE Electronics Letters**, Vol.47, No.23, November 10, 2011.
- **Sreejith M. Nair**, Shameena V.A, Nijas C.M, C.K.Aanandan, K.Vasudevan and P. Mohanan, “Compact Slot line fed Enhanced Gain Dipole Antenna for 5.2 GHz/5.8 GHz Applications”, **International Journal of RF&Microwave Computer-Aided Engineering** Vol.23, Issue 1, pp.40-46, January 2013.
- **Sreejith M. Nair**, Shameena V.A, Nijas C.M, C.K. Aanandan, K.Vasudevan and P. Mohanan, “Compact Slot line fed Dual Band Dipole Antenna for 2.4/5.2 GHz WLAN Applications”, **International Journal of RF&Microwave Computer-Aided Engineering** Vol.22, Issue.5, pp.581-587, September 2012,
- **Sreejith M. Nair**, Shameena V.A, Nijas C.M, C.K.Aanandan, K.Vasudevan and P. Mohanan ”Novel Chipless RF Identification Technology for On–touch Data Transfer Applications”, **Microwave and Optical Technology letters** Vol. 54, No. 10, pp. 2325-2327, October 2012.
- **Sreejith M. Nair**, Shameena V.A, Sreenath S and P.Mohanan”Slotline fed Ultra Compact Antenna for Wide Band Applications”, **Microwave and Optical Technology letters**, Vol.55, Issue 3, pp.526-529, March 2013.

- D. Laila, R. Sujith, **M. N. Sreejith**, C.K.Aanandan, K.Vasudevan and P. Mohanan ” Mobile antenna with reduced radiation hazardstowards human head”, **Progress in Electromagnetic Research Letters** Vol. 17, pp. 39-46, 2010.

Number of papers published in peer reviewed journals (national /international) by faculty and students

Sl. No.	Name of the Faculty	No. of Publications in		
		Peer reviewed journal	International Conference	National Conference
1	Dr. Nishamol M.S	14	14	4
2	Dr. Sarin V.P	23	17	5
3	Dr. Sreejith M. Nair	6	1	2

Sl. No.	Name of the Faculty	No. of Publications in		
		Books edited with ISBN	Citations	h-index
1	Dr. Nishamol M.S	Reconfigurable compact cross patch antenna for switchable polarization 978-3-659-29856-1	144	6

20. Areas of consultancy and income generated: Nil

21. Faculty as members in a) National committees b) International Committees
c)Editorial Boards

Sl. No.	Name of the Faculty	
1	Dr. Nishamol M.S	<ul style="list-style-type: none"> • Reviewer of Progress in electromagnetic Research, International journal of Antennas and Propagation, Journal of the Institution of Engineers(India) Series B • Reviewer of international conferences (International Conference on Antenas and Propagation, European conference on Antenas and Propagation etc.)
2	Dr. Sarin V.P	<ul style="list-style-type: none"> • Reviewer of Material Express, Institute of Physics, IEEE transactions on Antenas and Propogation, Antenas and Wireless Propagation Letters, Progress in Electro magnetic Research, International journal of Antennas and Propagation, IETE Technical Review etc. • Reviewer of international conferences (International Conference on Antenas and Propagation, European conference on Antenas and Propagation etc.)

		<ul style="list-style-type: none"> • Member, Electronics Board of studies, University of Calicut • Expert Committee Member, PG Board of Studies, M G University, Kottayam
3	Dr. Sreejith M. Nair	<ul style="list-style-type: none"> • Reviewer of peer reviewed journals • Reviewer of international conference • Member, Electronics Board of studies UG and PG, Mahatma Gandhi University

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: **100%**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: Nil

23. Awards/ Recognitions received by faculty and students

Sl. No.	Name of the Faculty	Awards/honors
1	Dr. Nishamol M.S	<ul style="list-style-type: none"> • Prominent Alumni award in ORMA 2012 alumni meet held at M. E. S. College, Marampally, Aluva, Kerala, India on 11th February 2012 • Student author award in IEEE Applied Electromagnetics Conference (AEMC), 14-16 December 2009, Kolkata, India. • Research Fellowship Scheme for Meritorious Students (RFSMS) by University Grants Commission (UGC) Government of India from 2008 to 2011. • Travel grant from DST, Govt. of India to attend URSI-GASS 2011, Istanbul, Turkey.
2	Dr. Sarin V.P	<ul style="list-style-type: none"> • Nominated for Indian National Science Academy (INSA) Gold Medal for Young Scientists 2014. • Young Scientist award in URSI Regional conference on Radio Sciences 2014 held at Pune India. • Student author Award in IEEE Applied Electromagnetic Conference (AEMC 2009) held at Calcutta.
3	Dr. Sreejith M. Nair	<ul style="list-style-type: none"> • First Rank Holder of B. Sc Electronics, MG University Kottayam (2006) • First Rank Holder of M. Sc Electronics, CUSAT (2008) • UGC NET with JRF in December-2007 and

		June-2008
4	Sindhu S	UGC NET in June 2008
5	Dhanya Mohan O	UGC NET with JRF in December 2009

24. List of eminent academicians and scientists /visitors to the department

Sl. No	Name	Designation
1	Dr. Sujith Raman	Postdoctoral researcher at Solid State Electronics, Angstrom Laboratory, Uppsala University, Sweden
2	Dr. Nandakumaran	IISC, Bangalore
3	Dr. Vincent Mathew	Central University of Kerala
4	Dr. Ratheesh. R	Center for Materials for Electronics Techonology, Thrissur
5	Dr.M. Gopikrishna	Assistant Professor, Maharajas College, Ernakulam
6	Jagadeeswaran	Assistant Professor, Nehru arts and science college, Coimbatore
7	Dr.Rohith K Raj	Assistant Professor, Govt. college, Mananthavady, Wayanad
8	Rasheed S	Assistant Professor, WMO College, Muttill, Wayanad
9	Sreenath S	JTO, BSNL, Kozhikkode
10	Dr. A. Balamurugan	Assistant Professor, Nehru arts and science college, Coimbatore
11	Dr. V. P. Joseph	Christ College, Iringalakuda
12	Dr.Mridula S.	School of Engineering, Cochin University of Science and Technology
13	Dr.Deepti Das Krishna	Rajagiri school of Engineering and Technology, Kakkanad, Kerala
14	Dr.Gopakumar C	College of Engineering, Karunagappally

15	Dr. Vinu Thomas	College of Engineering, Cherthala
16	Dr. Abdulla P	School of Engineering, Cochin University of Science and Technology
17	Muflih K.	College of Applied Science, IHRD Meenagadi
18	Sarath C.	Application Engineer, Entuple Technologies, Bangalore

25. Seminars/Conferences/Workshops organized & the source of funding

a) National

Sl. No.	Title	Funded by
1	SPECTRUM 2012	DCE
2	SPECTRUM 2013	DCE
3	SPECTRUM 2014	UGC
4	SPECTRUM 2015	DCE

26. Student profile programme/course wise:

Name of the Course/programme	Year	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
B Sc Electronics	2010-11	250	24	9	14	82.61
	2011-12	250	22	19	3	77.28
	2012-13	250	27	14	13	77.78
	2013-14	250	19	10	11	66.67
	2014-15	250	19	10	9	95
	2015-16	350	23	13	10	84

*M=Male *F=Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc Electronics	96.67%	3.33%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Year	NET	CAT	UPSC	KPSC	Others
2015-16		4			
2014-15		1		1	
2013-14	2	4			
2012-13		3	1	1	3
2011-12	1	3	2		
2010-11		2			
2009-10	1	2			

29. Student progression

Student progression	Against % enrolled
UG to PG	20%
PG to M.Phil.	-
PG to Ph.D.	1%
Ph.D. to Post-Doctoral	0.1%
Employed • Campus selection • Other than campus recruitment	a. 25% b. 20%
Entrepreneurship/Self-employment	

30. Details of Infra structural facilities a) Library

No. of books in department library: 1232

No. of journals in the department: 3

b) Internet facilities for Staff & Students: Yes

c) Class rooms with ICT facility : 1(In the LAB)

d) Laboratories: Electronics laboratory equipped with smart board and other facilities like UV exposure unit (UGC-MRP), Digital and analog IC tester (UGC-MRP), Communication trainer kit (UGC-MRP), Digital signal processing trainer kit (UGC-MRP), PIC programmer (UGC-MRP), Universal device programmer (UGC-MRP), Digital storage oscilloscopes (UGC-MRP) and television demonstration unit etc.

31. Number of students receiving financial assistance from college, university, government or other agencies: 85

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts:

The final year students of the department have an industrial/academic institution visit which is outside their curricular plan. The students have visited Centre for Research in Electromagnetics and Antennas lab (CREMA), Microwave and Propagation Research lab (MPRL), Centre for underwater electronics (CUCENTOL) labs in Cochin University of Science and Technology. We have also arranged training programmes and invited lectures from technical experts as a part of Electronics association inauguration every year.

33. Teaching methods adopted to improve student learning: Smart class room facility, seminars, assignments

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

1. Verification of newly purchased Electronic equipments in parent institution and various other institutions in Palakkad under state government funds.
2. Election duty to Loksabha, Parliament and various local bodies
3. College website updation
4. scholarship cell activities
5. PG and UG admission duties
6. CAMS activities

35. SWOC analysis of the department and Futureplans:

Strength:

1. Young and vibrant faculties with 60% is PhD holders
2. One of the three Government sector departments which offer B.Sc degree in Electronics in Kerala.
3. Full fledged laboratory with sufficient number of modern electronic gadgets for experimental studies.
4. Good library facility with more than 1200 books in the field of Electronics and

- Computer Science with any time access during the college hours.
5. Strong academic collaboration with Centre for Research in Electromagnetics and Antennas (CREMA) Laboratory, Cochin University of Science and Technology, Kerala.
 6. Faculty members are continuing their research activities and have sufficient publications in their respective fields

Weakness:

Difficulty to start Post-Graduation (M Sc Electronics) so that the existing department cannot be converted into a research department

Opportunities:

A qualified B Sc Electronics student after completing Master degree can easily undertake research activities available all over the world in recently progressing research fields like Electromagnetics and channel modeling, VLSI design and in digital signal processing. They can easily procure jobs in Multi-National Companies like General Electricals, Wipro, Tata consultancy services etc. In Government sector BSNL and Indian Railways have reserved posts for M Sc and B Sc Electronics students.

Challenges:

The College is situated in rural area and hence it is difficult to interact with prominent faculties available within Kerala.

Future plans:

- Upgradation of curriculum with PG programme and to start research activities
- To establish an Electronics Museum
- Start industrial collaboration with General Electricals, National Aerospace Laboratory and Keltron.
- Establish academic collaborations with various academic research institutions.
- The department is currently procuring high frequency Network analyzers under the DST support and it will surely enhance research and collaborations with other research institutions.
- To start B Sc Computer Science course with Electronics as the subsidiary subject

6. DEPARTMENT OF GEOGRAPHY

1. **Name of the department** : Geography
2. **Year of Establishment** : 1972
3. **Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)** : UG and PG
4. **Names of Interdisciplinary courses and the departments/units involved** : Nil
5. **Annual/semester/choice based credit system(programmewise)** : Semester
6. **Participation of the department in the courses offered by other departments** : Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.** : Nil
8. **Details of courses/programmes discontinued(if any)with reasons** : Nil
9. **Number of Teaching posts** : 09

	Sanctioned	Filled
Asst.Professors	10	09

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph. D. /M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	Years of Experience
Jayarajan K	M sc, Ph.D	Asst.professor & hod	Medical geography	6
Suresh P	MA, M Ed,	Asst.professor	Geomorphology Indian geography	6
Roobina A	MA,	Asst.professor	Climatology, Agricultural geography	5

Prasad K	MA,	Asst.professor	Climatology	5
Richard Scaria	M Phil, Ph.D	Asst.professor	Watershed management, Agricultural geography	4
Nasrin Beegum	MA	Asst.professor	Climatology Qt	4
V Govindankutty	M Sc, PGD in GIS Pc in chrm	Asst.professor	GIS, heritage resource management, watershed management	3
Pankajakshan P	MA	Asst.professor	GIS, Remote sensing, geomorphology.	3
Manoj	M Sc	Asst.professor	GIS, medical geography, transportation geography	1

11. List of senior visiting faculty :

- Dr. B. Sukumar, Rtd. Sr. Scientist, CESS
- Dr. Ahalya Sukumar, Rtd. Sr. Scientist, CESS
- DR. Easa, Director (Rtd), KFRI
- Dr. Chandrasheker, Dean, IIST.
- Dr. K Lakshmi, Prof. (Rtd), MKU.
- Dr. G Parthasarathy, Prof. (Rtd), MKU.
- Dr. A Santhakumari, Prof. (Rtd), MKU.
- Dr. Jayapal. G Asst. Prof. Kannur University.
- Dr. R Sunil Kumar, Asst. Prof.Arts and Science College,Coimbatore.
- Mr. Sumesh K, Asst. Prof. Arts and Science College, Coimbatore.
- Dr. Sudhodhanan N, District Animal HusbandryOfficer, Palakkad.
- Mr. Anoop Aravind, Consultant (GIS Expert), *Ministry of Panchayati Raj, Govt. of INDIA.*
- Dr. K K Mohammed, Supt. Archaeologist (Rtd), ASI.
- Dr. Mohammed Jaffer, Former HoD, Geography Govt. College Chittur
- Dr. Khairnuessa, Prof. (Rtd), GCC.
- Dr. K Balakrishnan, Prof (Rtd), University College, Trivandrum
- Dr. Nandakumar, HoD (Rtd), Geography, University College, Trivandrum.
- Y Kalyana Krishnan, State Resource Person, Planning Board, Kerala
- Prof. B M Musthafa, Former H.O.D(retd), Physics Research coordinator, IRTC

12. **Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty** :One Percent
13. **Student-Teacher Ratio (programmewise)** :UG 1:10
PG 1: 3
14. **Number of academic support staff (technical) and Administrative staff; sanctioned and filled** : one
15. **Qualifications of teaching faculty withDSc/D.Litt/Ph.D/MPhil/PG.**
:Ph. D :2, M Phil :1
16. **Number of faculty with ongoing projects froma)National Agencies**
:2
17. **Departmental projects funded by DST-FIST;UGC, DBT, ICSSR,etc.and total grants received** : 25 Lakhs (DST)
18. **Research Centre/facility recognized by the University** :NA

19. **Publications:**

Jayarajan K

- Jayarajan K .Geographic variation of sexual knowledge and practice among the People living with HIV/AIDS in Kerala State, India The International Journal Of Humanities & Social Studies (ISSN 2321 - 9203) Vol 2 Issue 1 January, 2014.
- Jayarajan. K . Living environmental conditions of the HIV/AIDS infected persons in Kerala, India Scholars Research Library Archives of Applied Science Research, 2014, 6 (1):52-59 (<http://scholarsresearchlibrary.com/archive.html>)
- Jayarajan. K Sexual practice, Preventive tools and Psychological Problems of PLHA in Palakkad district , Kerala State . International Journal of Social Sciences , October ,2014.
- Jayarajan K Ecology and diffusion of kyanur forest disease in Nilambur valley, Western ghat International Journal of Advanced Research in Management and Social Sciences Vol. 3 No. 11 November 2014.
- Jayarajan k,Lakshmi &Ajila , Geographical variation of major communicable disease inKerala state, India international journal in management and social science vol 02 issue-07 July 2014.

Richard Scaria

- Richard Scaria and P.K.vijayan et al., **Sustainable rural development with the application of Spatial Information Technology and Mahatma Gandhi national rural employment guaranteed scheme, published in the INTERNATIONAL JOURNAL OF GEOMATICS AND GEOSCIENCES VOLUME 2, NO 4 – 2012, pp 1048- 1061 Code : EIJGGS3087,ISSN 0976 – 4380. 2012.**

- Richard Scaria and Sumesh K et al., **Multi – dimensional poverty status of Tribes in Attappady Block, Kerala, published in the ASIAN JOURNAL MANAGEMENT RESEARCH. ISSN 2229 - 3795**, Volume 4 Issue 2, 2013, Page No: 232 -240.
- Richard Scaria and P.K.vijayan et al., Analyzing the genesis and concentration of fluoride in drinking water using with GIS, a micro-level study on Pattanchery Panchayath, Palakad dist, Kerala. Published in the JOURNAL OF INDIAN NATIONAL CARTOGRAPHIC ASSOCIATION, page no: 45, Volume- 29, 2009.
- Richard Scaria D and P.K.vijayan et al., Estimation and mapping of transformation of paddy fields into different land use systems using with gis, a micro level analysis of Ramanthali Panchayath, Kannur dist, Kerala. Published in the JOURNAL OF INDIAN NATIONAL CARTOGRAPHIC ASSOCIATION, page no: 326, Volume- 29, 2009.
- Richard Scaria and P.K.vijayan et al., land use change and food self sufficiency. A case study on Kerala published in the book on PROBLEMS AND CHALLENGE OF EMERGING INDIA. ISBN: 978 – 81- 89 – 63- 0- 66 – 9, Page No: 149, 2012.
- Richard scaria, and. P.K. Vijayan et al., Spatial information technology for improving the efficiency of Mahatma Gandhi national rural employment guarantee scheme in rural development activities. Published in the proceedings of 3rd INTERNATIONAL CONGRESS ON SUSTAINABLE NATURAL RESOURCE MANAGEMENT UNDER CHANGING CLIMATIC SCENARIOS: Allied publishers Pvt.ltd. ISBN 978 – 81- 8424 -774- 9.
- Richard Scaria and Suresh K et al., **Paddy land conversion as a threat to floristic diversity, INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE ISSN 0976 - 4402 (Accepted).**
- Prasad K geographical analysis of health care disparities and regional development in Palakkad district,Kerala in connection with national seminar geo spatial technologies for Resourse evaluation and management Dec 2015., ISBN 9789384193362
- V Govindankutty, *A GIS Database Design for Urban Poverty Management*, Presented at International Geographic Union- Urban Geography Commission Emerging Urban Transformation International Conference on Multilayered Cities and Urban Systems, 30th July to 9th August 2009, Hyderabad
- V Govindankutty, *Urban Heritage Conservation Planning for Mysore* - presented at Municipalika 2012 with 10th International Conference on “Good Urban Governance for Safe, Healthy, Green Inclusive and Smart Cities” held on 23rd to 25th Jan 2012, Chennai Trade Centre, Chennai
- V Govindankutty, *Mapping of Naubad Karez System* – presented at Municipalika 2013 with 11th International Conference on “Good Urban

Governance for Safe, Healthy, Green Inclusive and Smart Cities” held on 13th to 15th March 2013, India Expo Centre, Noida.

- *V Govindankutty, Conservation of Naubad Karez Cultural Landscape* Presented at Municipalika 2014, 12th international conference on Emerging Trends in Sustainable Habitat & Integrated Cities, held on 13th to 15th November 2014, Mahatma Mandir, Gandhinagar
- *V Govindankutty, Historic Water Systems of Bidar – A case study of Nuabad Karez – 8th India International Geographic Union Conference*, on ‘Landuse, Water, Climate and Urban Health in Changing Urban Environments’ held on 4th and 6th November 2015, SNTD Women’s University, Pune.
- *V Govindankutty, Rejuvenation of Naubad Karez System – Presented at Municipalika 2015, 13th International Conference and Exhibition on “Sustainable habitat and Smart Cities”* is being organized at the Jaipur Exhibition and Convention Centre, Jaipur, Rajasthan, from 9th to 11th December 2015
- *V Govindankutty, Geographical Approach to Naubad Karez Rejuvenation – XXXV INCA INTERNATIONAL CONGRESS On Spatial Governance for Development, Planning Smart Cities and Disaster Management* held on 15th to 17th December, 2015, Jawaharlal Nehru University, New Delhi
- *V Govindankutty, Conserving Naubad Karez Cultural Landscape – a Multi-Criteria Approach to Urban Planning – Accepted for presentation at International Conference on Geography and Geosciences to be held on January, 25-26, 2016, Istanbul, Turkey.*
- Sheheersha.S.K, Reshma.C.U, and Dr.V.Saravanabavan, 2014. Enhancing the Quality And Accessibility of Geographic Learning Through Modern Instructional Strategies In The School: Its Implications And Opportunities. IOSR–International Organization of Scientific Research – Journal Publication (ISSN: 2320-7388), VOLUME: 4, ISSUE: 3 (VERSION – II). Impact Factor: 1.49.
- Sheheersha.S.K, Reshma.C.U, and Dr.V.Saravanabavan 2015 .A case study on the influence of socioeconomic status of women on infant health care in Kerala state. IJMRA-IJPSS, International Journal of Physical and Social Sciences (ISSN: 2249-5894) Impact factor: 3.797.
- Sheheersha.S.K, Reshma.C.U, and Dr.V.Saravanabavan ,2015, Sanjeevani Comprehensive Cancer Control Programme and Mobile Telemedicine (SCCP&MTM) for rural poor: Design features, Technical Feasibility and Usability. ICMR-TISSL International Journal IJAMR (ISSN 097408709).
- Sheheersha.S.K ,Reshma.C.U, and Dr.V.Saravanabavan ,2015, An Investigation on Reproductive Health Problems and Socio-Economic Predictors of Gynecological Morbidities among Women in Thrissur District:

Levels and Determinants ICMR_TISSL International Journal IJAMR (ISSN 097408709)

Articles Published by V Govindankutty,

- Article on Interior of Earth and Plate Tectonics – Published in Shastrakeralam (August 2000)
- Article on Kerala Model Development - Published in Competition Wizard (August 2002)
- Article on Kerala Model Development - Published in Competition Wizard (August 2002)
- Article on Geographic Information System –Published in Indian Age Magazine (August 2011)
- Article on Naubad Karez Cultural Landscape – Published in Bidar Utsav Souvenir (2014)

Research articles in books

- Sheheersha.S.K, Reshma.C.U and Dr.V.Saravanabavan 2014. Geo Medical Analysis Endosulfan Disaster: A Case Study of Kasaragod District Kerala.(Ed.Yasodharan Suresh)ISBN 978-93-81006-75-7
- Sheheersha.S.K, Reshma.C.U and Dr.V.Saravanabavan 2014. An Analysis of the Use of Endosulfan Pesticide and its Biological Impacts on Women and Child Healthcare: A CaseStudy of Kasaragod District Kerala.(Ed.Sundarajaj.P) ISBN: 978-8-929047-8-8.
- Sheheersha.S.K, Reshma.C.U and Dr.V.Saravanabavan, 2014. Women and Child Rights –Situational Analysis, Rescue, Rehabilitation and Reintegration. (Ed.Dr.P.Sundararaj) ISBN: 978-8-929047-8-8.
- Sheheersha.S.K, Reshma.C.U and Dr.V.Saravanabavan, 2015. An Investigation on Socio-Economic Status of Women and Its Impact on Child Healthcare: A Case Study of Kerala State.
- Sheheersha.S.K, Reshma.C.U and Dr.V.Saravanabavan, 2015. An Analysis on Changing Scenarios and Shifting Paradigms of Landuse Changes Using GIS in Thrissur District, Kerala(Ed.Dr.I.K.Manonmani) ISBN: 978-93-80686-03-5
- Sheheersha.S.K, Reshma.C.U and Dr.V.Saravanabavan, 2015. Spatio-Temporal Epidemiology: Methods and Applications of Disease Mapping of Major Communicable Diseases in Kerala State using GIS , (Ed.Dr.I.K.Manonmani) ISBN:978-93-80686-03-5

- Sheheersha.S.K, Reshma.C.U and Dr.V.Saravanabavan, 2015. Influence of Socio-Economic Predictors on Reproductive Morbidities among Women in Thrissur District: Levels and Determinants. (Ed.Dr.I.K.Manonmani) ISBN: 978-93-80686-03-5
- Sheheersha.S.K, Reshma.C.U, R.Arasan and Dr.V.Saravanabavan, 2015.Municipal Solid waste Management in Madurai City: Status, Problems and Challenges.(Ed.Dr.V.Saravanabavan) ISBN: 978-93-84193-36-2
- Sheheersha.S.K and Dr.V.Saravanabavan, 2015.an Analysis of the role of Sunayanam MobileOphthalmology unit for preventing Blindness among rural poor in Thiruvananthapuram District.(Ed.Dr.V.Saravanabavan) ISBN: 978-93-84193-36-2
- D.Balaji, Sheheersha.S.K,Dr.V.Saravanabavan,2015. Analysis of Functions and Services of Telemedicine in Madurai City. (Ed.Dr.V.Saravanabavan) ISBN: 978-93-84193-36-2

Chapters /papers in proceedings

- Sheheersha.S.K, Reshma.C.U, and Dr.V.Saravanabavan, 2013. Enhancing the Quality andAccessibility of Geographic Learning through Modern Instructional Strategies. UGC Academic Staff College, Madurai Kamaraj University-NCHEI 2013. ISSN 23221-614X.

Paper Presentation in an International Seminar

- Pankajakshan.P, et al, Land use Practices an Landslide Susceptibility in Nelliampathy Panchayath of Palakkad district, Kerala ; An open Source GIS Based Study. Paper Presented in 5th NAGI International Conference on Future Earth Perspectives In South Asia.
Publication

- Sajeesh K, Richard Scaria, Pankajakshan.P , Akshara C, Impact of Industrialization on soil resources; A case study of Kanjikode Industrial region, Palakkad, BSET Journals, ISSN 2348-0521, Vol.3, Issue 5, May 2015, 7 – 14.

***Books Edited**

:One

One Book on “*Karshika Bhoomisasthram*” written by Studentsedited byRichard Scaria.

***Books with ISBN/ISSN numbers**

:Two

20.Areas of consultancy and income generated:

Associated with District Collectorate, Palakkad in connection with the rehabilitation of Landless Tribes of Attapady programme. Department Associated with the local self-government departments as well.

21. Faculty as members in a) National committees b) International Committees c) Editorial Boards:

Dr. Jayarajan K

Academic council member Calicut University
Member Board of studies Calicut University
Member board of studies Kannur University
Judge of State level Social Science fair
Judge of District level Social Science Fair

Suresh .P

Member Board of studies Calicut University
Resource Person - Teacher Training Programme

V. Govindankutty

Member regional studies association UK

Joint secretary Association of professional geographers of INCA
Member Urban commission of International Geographic Union
Resource person - Regional Agricultural Technology Training
Centre (RATTC), Malampuzha

Prasad K

Academic council member Calicut University
Judge of State level Social Science fair
Judge of District level Social Science Fair.

Dr. Richard Scaria

Judge of State level Social Science fair
Judge of District level Social Science Fair

Pankajakshan.P

Resource person - Regional Agricultural Technology Training
Centre (RATTC), Malampuzha.

Judge of State level Social Science fair
Judge of District level Social Science Fair.

Member of District Level Appraisal Committee

22. Student projects

a) Percentage of students who have done in-house Projects including interdepartmental/programme : Nil

b) Percentage of students placed for projects in Organizations outside the institution i.e. in Research Laboratories/Industry/ other agencies :4

23. Awards/Recognitions received by faculty and students

Humboldt Award in 2011 For Dhanya K

24. List of eminent academicians and scientists /visitors to the department:

- Dr. B. Sukumar, rtd. Sr. Scientist, cess.
- Dr. Ahalya sukumar, rtd. Sr. Scientist, cess.
- Dr. Easa, director (rtd), kfri.
- Dr. Chandrasheker, dean, iist.
- Dr. K lakshmi, prof. (rtd), mku.
- Dr. G parthasarathy, prof. (rtd), mku.
- Dr. A santhakumari, prof. (rtd)mku.
- Dr. Jayapal. G, asst. Prof, kannur university.
- Dr. R sunil kumar, asst. Prof.Arts and science college,coimbatore.
- Mr. Sumesh k, asst. Prof.Arts and science college.
- Dr. Sudhodhanan n, district animal husbandry, officer, palakkad
- Mr. Anoop aravind, consultant (gis expert), *ministry of panchayati raj*, govt. Of india.
- Dr. K K Mohammed, supt. Archaeologist (rtd), asi.
- Dr. Mohammed jaffer, former hod, geography,gcc.
- Dr. Khairnuessa, prof. (rtd), gcc.
- Dr. K balakrishnan, prof (rtd), university college, tvn.
- Dr. Nandakumar, hod (rtd), geography, university college.
- Y. Kalyana krishnan, state resource person, planning board, kerala
- Prof. B M Musthafa,former h.o.d, physics (retd), research coordinator, irtc.

25. Seminars /Conferences/Workshops organized & the source of funding National Seminar: 2

- National seminar on Climate Change: - Trends, Impacts and Implications, Jan28th and 29th 2015Sponsored by UGC.
- National Seminar on Human Geography: Perspectives and Contemporary Thinking, 2016, Department of Collegiate Education.

Workshop: 4

- National workshop on spatial information technology for Natural Resource Management on 04 Dec to 05 Dec GEOTECH 2012, sponsored by DCE.
- National workshop on Spatial Information Technology for Rural PlanningFrom Oct 07 to Oct11, 2013 GEOTECH 2013, sponsored by DCE.
- National workshop on SpatialInformation Technology for Watershed Management fromOct 27 to31, 2014, GEOTECH 2014, sponsored by DCE.
- National workshop on Spatial Information Technology for Resource mapping from Dec 01 to Dec 05 GEOTECH 2015, sponsored by DCE

26. Student profile programme/course wise:

Nameofthe Course/programme	Selected	Enrolled		Pass percentage
		*M	*F	
B.Sc	30	18	12	96
M.Sc	20	16	4	100

*M=Male *F=Female

27. Diversity of Students

Nameofthe Course	%of students fromthe samestate	%ofstudents fromother States	%of students from abroad
BSc geography	99	1	Nil
MSc Geography	96	4	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Name of examination	Number of students	Remarks
NET	24	including 3 JRF
SLET	NIL	-----
GATE	-----	-----
Civil service	NIL	NIL

29. Student progression

Student progression	Against % enrolled
UGtoPG	100
PGtoM.Phil.	7
PGtoPh.D.	11

Ph.D.toPost-Doctoral	-----
Employed •Campusselection •Other than campus recruitment	
Entrepreneurship/Self-employment	6

30. Details of Infrastructural facilities:

a) **Library** - 2500 books

b) **Internet facilities for Staff & Students**-Yes

c) **Class rooms with ICT facility :**

Two classes

- Laboratories:** Remote sensing and GIS lab: A remote sensing application is a software application that processes remote sensing data. Remote sensing applications are similar to graphics software, but they enable generating geographic information from satellite and airborne sensor data. Remote sensing applications read specialized file formats that contain sensor image data, georeferencing information, and sensor metadata. Remote Sensing applications perform many features including: Change Detection - Determine the changes from images taken at different times of the same area.
- Geographic information systems (GIS)** (also known as Geospatial information systems) are computer software and hardware systems that enable users to capture, store, analyze and manage spatially referenced data. GISs have transformed the way spatial (geographic) data, relationships and patterns in the world are able to be interactively queried, processed, analyzed, mapped, modeled, visualized, and displayed for an increasingly large range of users, for a multitude of purposes. Thus this lab will provide good opportunity to students for handling and learning modern trends in spatial information technology. It will also support researchers and public in solving several social and environmental problems.

31. **Number of students receiving financial assistance from college, university, Government or other agencies :** 83%

32. **Details on student enrichment programmes (special lectures /workshops /seminar) with external experts**

- Mobile based asset mapping by Anoop Aravind consultant ministry of Panchayat raj.
- Bio diversity and environmental challenges in Western ghats by Dr. Easa

- Poverty eradication in Palakkad Dr. Sudhodhanan
- Bharathapuzha conservation issues by Indianoor Gopi
- Dr.Rugmini and Mrs.Bindhu on drainage morphometry of Gayathri River
- Theatre Approach in Geography – by Sajith, Research Scholar, School of Drama

33. Teaching methods adopted to improve student learning:

ICT enabled teaching and learning process and GIS& RS lab with open source software

34. Participation in Institutional Social Responsibility (ISR)and Extension activities

Dr. Richard Scaria, Dhanush D M and Reejo R J	Prepared Human development Report of tribes in Attappady Block for Govt of Kerala.
Dr. Richard Scaria and Prasad K	Developed Software packages for MNREGS for improving the efficiency in Rural Developmental Activities.
Dr. Jayarajan K and Dr. Richard Scaria,Pankajakshan.P	Prepared and published Resource Atlas of Chittur Tattamangalam Municipality.
Pankajakshan.P	Prepared integrated watershed management plan for Ellachivazhi Watershed Landslide zonation of Nelliayampathy Panchayat
V. Govindankutty	Inventory and assessment of Ponds in Palakkad municipality
Dr. Richard Scaria, Pankajakshan.P, Sheheer Sha S K	Provided Technical Assistance to the Sub Collector, Ottapalam (Special Officer, Attapady) in Connection with the Rehabilitation of Landless Tribes of Attapady” for developing a sustainable, self sufficient tribal village model.

35. SWOC analysis of the department and Future plans

Strength: - This department is the one and only Geography department in any government college affiliated to the University of Calicut. There are nine faculties in the department, including two PhD holders, all of them studied in this same department. As

such the department is actively involved in the development of the Palakkad district as a whole and that of the weaker sections of the society in particular. The dissertation of the postgraduate students and the projects of the graduate students are focussed on analysing the various choices available to solve the burning issues of the society. During the last couple of years, four field trips had been conducted to geographically important places across India, in order to provide exposure to students. 24 students of the department qualified for the National Eligibility Test since 2010.

The social responsibility of the department has been tested when the students and staff of the department were actively involved in the rehabilitation of landless tribes in Attapady. Three faculties and 25 students participated in the rehabilitation programme at the request of the Revenue Department, Government of Kerala.

Besides providing technical support to the Government officials, the department is the only training centre for the district of Palakkad for Mobile Based Asset Mapping of Panchyaths/ Equivalent bodies on GIS Platform – ‘M – Asset’, an initiative under Digital India programme of the Government of India.

As a result of the workshop conducted during the year 2012, Sponsored by the Department of Collegiate Education, the Department has created a thematic Atlas of the Chittur - Thattamangalam Municipality and handed it over to the municipal authorities, which may aid them in spatial planning.

The documentary named 'Mannu', focused on the living conditions of the tribal of Attapady, Directed and Produced by the students of the Department has been screened at the 7th Panchajanyam International Film Festival - 2014.

Another documentary named 'Sokanashini' , produced and directed by the students of the department focusing the environmental degradation of the River Shokanashini, a tributary of the River Bharathapuzha.

The actual strength of the department is the well-equipped DST funded Geoinformatics Lab with state-of -the -art application packages.

Weakness

Though started in 1972, and is the only department in a government college, affiliated to the University of Calicut, facilities for research is not available in the department. Hence, students and faculties have to depend on other universities for their research work.

The department posses state of the art application software for geographic analysis. But it was unable to utilize this facility to the fullest, by means of add on courses for students, teachers and others.

The department lacks instruments to measure the elements of weather. DST has granted Rupees 90 Lakhs for strengthening the lab facilities, and a proposal had been submitted for a weather station. If it becomes fully operational, then it will be highly useful for the local agricultural community.

Opportunity

The department has the ability to play a key role in planning and policy making, prediction, preparedness and empowerment of the rural community as a whole.

Challenges

Only a few colleges in Kerala offer geography as a discipline in graduate and post graduate level. So the opportunities for higher studies in the subject are limited.

Sl.No	Research Plan	year
1	Prepare Soil Atlas of Chittur Block and Develop strategies for improving soil health through location specific study.	2016 -18
2	Preparation of a Geo spatial DATA BANK of Palakkad District for future geographic analysis and problem solving	2016 - 17
3	Give training in the scope and advantage of Geoinformatics in regional planning to the public and Govt employees.	2015 - 16
4	Develop sustainable agricultural land use plan for food security, A micro level study on Chittur block.	2015 -16
5	Develop human development report of socially economically back community in Palakkad district	2015- 16
6	Department of Geography take initiations and technical support for the implementation of WEB GIS in Most backward panchayath in Palakkad District	2016- 17
7	Estimation and Mapping of Water Quality Index of Chittur Legislative Assembly Constituency.	2017-19
8	Creation of a Land use data bank of Chittur Taluk	2017- 20

7. DEPARTMENT OF HISTORY & POLITICAL SCIENCE

1. **Name of the department:** History
2. **Year of Establishment:** 1981-82
3. **Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :** UG
4. **Names of Inter disciplinary courses and the departments /units involved:**
Open Course on Historical Tourism
5. **Annual/semester/choice based credit system(programme wise):** CBCSS
6. **Participation of the department in the courses offered by other departments:**

Subsidiary with Economics and Political Science & Open course with all Departments
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses /programmes discontinued (if any) with reasons :** Nil
9. **Number of Teaching posts**

	Sanctioned	Filled
Asst.Professors	3+1	4

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	No.ofYears of Experience
Sreeba.U	MA.B.Ed	Assistant Professor	Kerala History	6 Years
Jayanthi. C	MA , B.Ed	Assistant Professor	Kerala History	3 years
Abdu Rahiman	MA , B.Ed	Assistant Professor	Modern India	2 months
Pushparajan	MA, B.Ed	Assistant Professor	Indian Politics	2 years

11. **List of senior visiting faculty:** Nil

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Nil
13. **Student-Teacher Ratio(programme wise):** First Year : 51: 1
Second Year : 37: 2
Third Year : 27: 3
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil
15. **Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG: /**
PG - 4
16. **Number of faculty with ongoing projects from a) National b)International funding agencies and grants received:** Nil
17. **Departmental projects fundedby DST-FIST;UGC, DBT, ICSSR,etc.and total grants received:** Nil
18. **Research Centre/facility recognized by theUniversity:** Nil
19. **Publications:** Nil
20. **Areas of consultancy and income generated**
21. **Faculty as members in a) National committeesb) International Committees c) Editorial Boards:**
Smt. Sreeba. U, Assistant professor, Board member in PG UG Board of studies, University of Kerala.
22. **Studentprojects**
 - a) **Percentage of students who have done in-house projects including inter departmental /programme:** Nil
 - b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies:** Nil
23. **Awards / Recognitions received by faculty and students:**
24. **List of eminent academicians and scientists /visitorst othe department:**
 1. Sri. Mansoorali.P , Assistant Superintendent, Sub Jail, Palakkad.
 2. Dr. V. Selvakumar, Assistant Professor in Archaeology, Department of Epigraphy and Archaeology, Tamil University, Thanjavur 613010, Tamil Nadu, India.
 3. Dr. P.Sivadasan , Associate Professor, Department of History, University of Calicut
 4. Sri. P.S. Manoj kumar, Assistant Professor of History, KKTU College, Pullut, Kodungallu
 5. Dr. C. Haridas, Course Director, Centre for cultural studies, Kannur

University Regional Centre, Dharmassala campus.

6. Dr. Abdul Razak. P.P, Associate Professor, PG Department of History
PSMO College, Tirurangadi, Malappuram.

7. Dr. Susan Thomas , Assistant Professor of History, SSUS Regional Centre,
Thuravur, Alappuzha.

8. Sandhya. M.UnniKrishnan, Assistant Professor of History, NSS college,
Manjeri, malappuram.

25. Seminars /Conferences /Workshops organized & the source of funding

a) **National:** Two Day National Seminar on Writing Local History: theory, method and Practice, Sponsored by Department of Collegiate Education Kerala

26. Student profile -programme/coursewise:

Nameofthe Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BA- History		28	7	21	89

*M=Male *F=Female

27. Diversity of Students

Nameofthe Course	%of students fromthe samestate	%ofstudents fromother States	%of students from abroad
HISTORY	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student progression

Student progression	Against%enrolled
UG to PG	43
Employed •Campus selection •Other than campus recruitment	
Entrepreneurship/Self-employment	29

30. Details of Infrastructural facilities

- a) **Library** : Library
- b) **Internet facilities for Staff & Students** : Available
- c) **Class rooms with ICT facility**: 1
- d) **Laboratories**

31. Number of students receiving financial assistance from college, university, government or other agencies: 85

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

- 1. Special lecture on career guidance conducted
- 2. Conducted a two day national seminar

33. Teaching methods adopted to improve student learning:

Special Coaching using ICT

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Faculty Members of the department actively participate in the general elections to the Parliament, Legislative Assembly and Local bodies

35. SWOC analysis of the department and Future plans

Strength

- Well established departmental library
- Heritage Museum

Weakness

- Lack of infrastructural Facilities
- MA History is not offered

Opportunities

- The students encouraged to reach high goals in their life through competitive examinations.

Challenges

- To motivate the students from rural background to face the challenges of modern competitive world.

8. DEPARTMENT OF MALAYALAM & SANSKRIT

1. **Name of the department:** Malayalam & Sanskrit
2. **Year of Establishment** : 1963
3. **Names of Programmes/Courses offered (UG, PG, M. Phil, Ph. D, Integrated Masters ; Integrated Ph.D. ,etc.) -U G**
4. **Names of Inter disciplinary courses and the departments/units involved :** Malayalam DTP Add-on course
5. **Annual/semester/choice based credit system (programme wise) :** Choice based credit and Semester
6. **Participation of the department in the courses offered by other departments:** Nil
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.** Nil
8. **Details of courses/programmes discontinued (if any) with reasons**
9. **Number of teaching posts A) Malayalam**

	Sanctioned	Filled
Asst. Professors	5	5

B) Sanskrit : 1

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)**

	Qualification	Designation	Specialization	No.of Yearsof Experience
Anjana V R	MA ,BEd MPhil	Asst. Professor	Poetry and Drama	7
Dr.Sajeevkumar	MPhil, BEd Ph.D MA(Linguistics)	Asst. Professor	Grammar and Linguistics	6 Year
Lissy Joseph	M A, B.Ed M.Phil	Asst. Professor	Autobiographies , Literature	4 Year
Smitharani M S	MA,B.Ed	Asst. Professor	Language and Literature	3 Year
Dr.Sreepriya K	M. Phil, B. Ed Ph. D MA(Linguistics)	Asst. Professor	Linguistics, Modern Literature	3 year

Nisha R	M A, B.Ed NET	Guest Lecturer Sanskrit	Language And Grammar	2 Year
Rohini V	M A B.Ed	Guest Lecturer Sanskrit	Language And Grammar	

11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Sanskrit Language is taken by a Guest faculty in the year 2016-2017.
13. **Student-Teacher Ratio (programme wise) U G – 90:1**
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil
15. **Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG:**
Ph.D – 2, M.Phil: 2, MA - 1
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** 3 – completed

Nature of the Projects	Duration Year From - To	Title of the project	Name of the funding agency	Total Grant		Total grant received till date
				Sanctioned	Received	
Minor projects	1.2011-2013	Language Study	UGC	100000	100000	100000
	2.2013-2015	Approach and Contribution of General Education Sector in Kerala	UGC	80000	80000	80000
	3.2013-2014	Approach Curriculum based Folklore studies Navavaranakruthis of MuthuswamiDikshitar	UGC	115000	115000	115000

17. **Departmental projects Funded by DST-FIST; UGC, DBT, ICSSR, etc. and**

total grants received: Nil

18. Research Centre/facility recognized by the University: No

19. Publications:

*** Chapter in Books:**5 (List attached)

*** Books Edited:** 1(Dr.SajeevKumar S Matruveli ; Kerala Special Edition CICT Chennai2014)

*** Books Published:** 5(List attached)

20. Areas of consultancy and income generated: Teachers of the department, helps the local people in translating the documents to Malayalam, free of cost

21. Faculty as members in a) National committees b) International Committees c) EditorialBoards: Nil

22. Student projects

a)Percentage of students who have done in-house projects including inter departmental/programme: Nil

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies - Nil

23. Awards/Recognitions received by faculty and students - Nil

24. List of eminent academicians and scientists/visitors to the department:

- Padmasree Sivan Namboothiri
- Margi Madhu
- Raju Naripatta
- Raghavan Payyanad
- C.R. Rajagopal
- K H Hussain
- Kalppatta Narayanan
- Sreeja Arangottukara
- Civic Chandran

25. Seminars/Conferences/Workshops organized &the source of funding a) National :

Year	Program me	Title of the Programme	Funding Agency
2011-12	Seminar	Folklore: Theory and Practice	Directorate of Collegiate Education

2012-13	Workshop	Theatre – Text and Performance	Directorate of Collegiate Education
2013-14	Workshop	Kootiyaattam	Directorate of Collegiate Education
2013-14	Workshop	Study of Language and Literature Through Information Technology	UGC
2014-15	Seminar	Folk Theatre and Literature	Directorate of Collegiate Education
2015-16	Seminar	New poetry – Form and Content	”
2016-17	Seminar	REEL/REAL Kids: Representations and Issues	”

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Add –on course Malayalam DTP UGC Funding	50	30	25	5	30

*M=Male *F=Female

27. Diversity of Students

Name of the Course	%of students from the same state	% of students from UTL	%of students from abroad
B A Malayalam	77	33	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services , etc.? : NET – 1

29. Student progression

Student progression	Against %enrolled
UG to PG	73

PG to M. Phil.	1
PG to Ph.D.	Nil
Ph. D to Post-Doctoral	Nil
Employed •Campus selection •Other than campus recruitment	
Entrepreneurship/Self-employment	

30. Library : The department library has Around 6,000 books which include rare old volumes as well as modern works related to language, literature , culture, history, and Film Study . More than 14 journals including weeklies.

b) **Internet facilities for Staff & Students** :Wi-Fi Internet Facility for Teachers and Students. Well equipped Desk Top with printing Facility

c) **Class rooms with ICT facility**: OneSmart Class room

31. Number of students receiving financial assistance from college, university, Government or other agencies

YEAR	E Grants
2015	70
2014	69
2013	70
2012	67
2011	43
2010	20

32. Details on student enrichment programmes (special lectures /workshops / Seminar) with external experts

A) **Special lectures**

Year	Faculty	Topic
2009	P. Raman	Kavithayum Rashtreeyavum
2010	Jyothi Bhayi Pariyarath T D Ramakrishnan	Feminism In Literature Novel Varthamanam
2011	Biju Balakrishnan	Sahithyathinteputhu Roopangal
2012	Kalidas Puthumana Kallara Ajayan	Folklore and literature Metre and new poetry

2013	K A Jayaseelan	New trends in criticism
2014	K R Tony	New Trends in Malayalam Poetry
2015	P P Prakasan P N Gopi Krishnan	Vaakkinte Vazhichandam Kavithayude Varthamanam
2016	P Raman Musafir Ahammed	Kavithayum Vivarthanavum Pravasa sahithyam

33. Teaching methods adopted to improve student learning

Continuous assessment through Group Discussion, Test papers, Remedial Teaching

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Malayalam Calendar making (panjangan), Sukavaani Brochure Magazine, New Malayalam font SOKANAASINI,

No	Extension Activity	Institution Social Responsibilities
1	Malayalam Calendar	Participation of Election Duty
2	Brochure Magazine	Master Trainer in Census Duty (Dr. Sajeev Kumar S)
3	Malayalam Font(Sokanasini)	Subject Expert in SCERT (Dr. Sajeev Kumar S)
4	Inter- Collegiate Quiz competition	University Question paper Setter and Scrutiny Board Member (Dr. Sajeev Kumar S, Anjana VR)
5		Jury Member of Bharana bhasha Puraskara Samity (Dr. Sajeev Kumar S)
6		Member of Curriculum committee (Children's Home(Dr. Sreepriya K)
7		Recording of Malayalam Poem Audio CD(Malayalam Metric Composition)(Anjana V R)
8		Literary Narration of The Book Lord Ayyappa Mural painting (Dr. Sajeev Kumar S)
9		Script Writing – All India Radio TVM (Dr. Sajeev Kumar S, Anjana VR)

35. SWOC analysis of the department and Future plans

Strength

- Malayalam department having 60 years of rich heritage has produced many multi Faced genius and having versatile Teachers have contributed a lot to the college

- In addition to the academic contribution, the teachers have their own contribution in other fields like community and culture.
- The faculty members pursue their research works in various areas like film studies, Folklore, Translation studies, Grammar and Linguistics.
- The department have more than 6000 books in different topics like language, culture, grammar, folklore and history.

Weakness

- Though we have applied for post graduation, the dream of being a P G department has yet to be accomplished.
- Since the percentage of marks often apply for graduation in language subjects, many of them do not show much passion towards literature and they always keep a distance with the innovations of Information Technology.

Opportunities

- The students who complete the graduation will definitely get an opportunity to do higher education
- As the language got its CLASSICAL position, these are many job opportunities awaited for the students in Malayalam University, Literary Academy, Social Media etc.
- An inter disciplinary approach is possible as the Malayalam department offers courses on social studies, psychology, linguistics and film studies.

Challenges

- Make everyone aware of the ample opportunities for research is considered as one of the greatest challenges.
- Prepare the students using the available sources in Technology.

Future Plans

1. To compile a Dialectical Dictionary
2. To form a Theatre Group
3. To enhance the Department as a Post Graduate & Research Department
4. To form a book Publishing Committee

A)List of Books Published

No	Name of Faculty	Title	Publisher
1	Dr. V V Giri	Nishadayanam- A short Play	A V Sankaran Sanskrit

		in Sanskrit	Centre Chittur, 2013
2	Dr. V V Giri	Ghoshavati - A short Play in Sanskrit	A V Sankaran Sanskrit Centre Chittur,2015
3	Anjana V R	Manushyasnehathinte Mahaganithanalil	Pagoda Aksharasala, 2017
4	Dr. K P Ravichandran	Arakkillavum Aakasavum	Estuary Books, 2012
5	Dr. K P Ravichandran	Aagolapaathakalum Naattuvazhikalum	Estuary Books, 2013

B)List Of Chapters

No	Name Of faculty	Title	Publisher
1	Dr.Sreepriya K	Bhoomimaanassam-Jeevithathinte Colleague (Sthreenoval Padhanangal Ed. K K Sivadas)	Paridhi Publications 2017
2	Dr.Sreepriya K	Nashtappetta parudeesayilekku Enmakaje Vettunna Vazhikal(Malayala Novel 2000 thinu sesham Ed.K K Sivadas)	Progressive Books 2014
3	Dr.Sreepriya K	Puthukaalathe Penvazhikal (Penkadhayude Varthamanam Ed.K K Sivadas)	Sikha Granthavedi 2013
4	Anjana V R	Folklore and Cultural construct in Pama's Sangathi(Folklore and Construction of Culture)	Poorna 2017
5	Dr.Sajeekumar	Folklore and Culture	Department of Cultural Affairs Govt of India

9. DEPARTMENT OF MATHEMATICS AND STATISTICS (DST – FIST SPONSORED)

1. Name of the department: Mathematics and Statistics

2. Year of Establishment 1947

3. Names of Programmes / Courses offered:

1. B. Sc Mathematics
2. M. Sc Mathematics
3. Ph. D in Mathematics

4. Names of Interdisciplinary courses and the departments/units involved - Nil

5. Annual/ semester/choice based credit system (programme wise): CBCSS,CUCSS

6. Participation of the department in the courses offered by other departments

Mathematics :

Complementary course - B.Sc Physics, B.Sc.Chemistry, B.Sc.Electronics

Statistics :

Complementary course - B.Sc Mathematics, B.Sc Geography

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

Spoken Tutorial Program of IIT Bombay

8. Details of courses/programmes discontinued (if any) with reasons - Nil

9. Number of Teaching posts

A) Mathematics

	Sanctioned	Filled
Assistant Professors	8	6
Total	8	6

B) Statistics

	Sanctioned	Filled
Assistant Professors	1	1
Total	1	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt.

/Ph.D. / M. Phil. etc.)

A) Mathematics

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.C.Sreenivasan	Ph. D	Assistant Professor	Queueing Theory	20
Mary Shalet.T.J	M.Sc.	Assistant Professor	Graph Theory	12
Dr. Shine Lal. E	Ph. D	Assistant Professor	Functional Analysis	12
Dr. Reji. T	Ph. D	Assistant Professor	Graph Theory	12
Dr. Prasanth. G.N	Ph. D	Assistant Professor	Metric Graph Theory	16
Miss. Haseena. A	M.Phil	Assistant Professor	Stochastic PDE	6
Miss. Neena. A.S	M.Sc	Guest Lecturer		3
Miss. Anu. A	M.Sc	Guest Lecturer		2

B) Statistics

Name	Qualification	Designation	Specialization	No. of Years of Experience
Dr.Veena. T.G	Ph. D	Assistant Professor	Order Statistics	6

11. List of senior visiting faculty

- Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty - Nil

13. Student -Teacher Ratio (programme wise):

- (A) Mathematics UG: 1:28
PG: 1:4.5
(B) Statistics UG: 1:127

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : NA

15. Qualifications of teaching faculty with

A) Mathematics

Ph. D	4
M.Phil	1
M.Sc	3

B) Statistics

Ph. D	1
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16. Number of faculty with ongoing projects from

a) National funding agencies and grants received – 2

- SERB : 6,60,000
- SARD : 11,28,600

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received -

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3	DST (SERB)	6,60,000	2,86,670
	3	KCSTE	11,28,600	11,28,600
Minor Projects	2	UGC	2,70,000	2,70,000
Students research projects	2 Months	DST	20,000	20,000

18. Research Centre /facility recognized by the University: Yes

19. Publications:

a) Publication per faculty

Dr. C. Sreenivasan

- C.Sreenivasan and A. Krishnamoorthy: MAP/PH/1 Retrial Queue with constant Retrial rate, Working Vacations and a Finite Buffer for Arrivals, Neural, Parallel and Scientific Computations 24(2016)107-120.
- C.Sreenivasan, Srinivas R Chakravarthy and A. Krishnamoorthy : MAP/PH/1 queue with working vacations, vacation interruptions and N policy, Applied Mathematical Modelling 37 (2013) 3879--3893, Elsevier.
- Krishnamoorthy and C.Sreenivasan : An M/M/2 Queueing system with Heterogeneous Servers including one Vacationing Server, Calcutta Statistical Association Bulletin, Vol. 64, March & June 2012, 253—254.
- Krishnamoorthy and C. Sreenivasan: An M/M/2 Queueing system with Heterogeneous Servers including one with Working Vacation, International Journal of Stochastic Analysis, Hindawi Publishing Corporation, Volume 2012, Article ID 145867, 16 pages, doi:10.1155/2012/145867.

Dr. Reji T

- Reji T, Jinitha Varughese. 'Least Common Multiple of Graphs'. Discrete Mathematics, Algorithms and Applications Vol. 8, No. 2 (2016).
- Reji T. Vector Spaces of a Graph. Proc. of the U.G.C Sponsored National Seminar on Graph Theory and its Applications-M.P.M.M.S.N.Trust College, Shoranur, 28-29 October 2015.
- Reji T. On Decomposition of Multistars into Multistars. Proc. of the U.G.C Sponsored National.Seminar on Graph Theory and its Applications-St. Xaviers College, Aluva. 07-09 August 2014
- Reji T. Decomposition dimension and Partition Dimension of Graphs. Proc. of the U.G.C Sponsored National.Seminar on Number Theory and Combinatorics- T.K.M Arts and Science College, Kollam, 29-31 October 2014.
- Reji T, Jinitha Varughese. 'Least Common Multiple of Graphs'. Proc. Of the International Conference on Algebra and Discrete Mathematics. Government College, Kattappana 04-06March 2014.(Yet to publish).

Dr. G. N. Prasanth

- Changat, Manoj, Prasanth G. Narasimha-Shenoi, and Ram Kumar. "Directed graphs and its Boundary Vertices." *arXiv preprint arXiv:1609.03110* (2016).
- Changat, M., Balakrishnan, K., Kumar, R., Prasanth, G. Narasimha-Shenoi., Sreekumar, A. *On the Center Sets of Some Graph Classes*. In *Algorithms and Discrete Applied Mathematics* (pp. 240-253), (2016) Springer International Publishing.
- Anand, Bijo S., Manoj Changat, and Prasanth G. Narasimha-Shenoi. "Helly and exchange numbers of geodesic and Steiner convexities in lexicographic product of graphs." *Discrete Mathematics, Algorithms and Applications*(2015): 1550049.

- Kannan Balakrishnan, Manoj Changat, Anandavally K. Lakshmikuttyamma, Joseph Mathew, Henry Martyn Mulder, Prasanth G. Narasimha-Shenoi, N.Narayanan, Axiomatic characterization of the interval function of a block graph, *Discrete Mathematics, Volume 338, Issue 6, 6 June 2015, Pages 885-894.*
- Bijo S. Anand, Manoj Changat, Iztok Peterin, Prasanth G. Narasimha-Shenoi, Some Steiner Concepts on Lexicographic Products of Graphs, DMAA, DOI : 10.1142 / S1793830914500608. <http://dx.doi.org/10.1142/S1793830914500608>.
- M. Changat, A. K. Lakshmikuttyamma, Joseph Mathews, Iztok Peterin, Prasanth.G. Narasimha-Shenoi, Geetha Seethakuttyamma, Simon Špacapan, A forbidden subgraph characterization of some graph classes using betweenness axioms, *Disc. Math.*,313,(2013), 951–958.
- M. Changat, A. K. Lakshmikuttyamma, Joseph Mathews, Iztok Peterin, Prasanth.G. Narasimha-Shenoi, Aleksandra Tepeh, A note on 3-Steiner intervals and betweenness, *Disc Math*, 311, (2011), 2601–2609.
- Changat, Manoj; Prasanth G. Narasimha-Shenoi.; Pelayo, Ignacio M., The longest path transit function of a graph and betweenness. *Util. Math.* 82 (2010), 111–127.
- M. Changat, J. Mathews, Prasanth.G. Narasimha-Shenoi, I. Peterin, n-ary transit functions in graphs, *Discussiones Mathematicae Graph Theory* 30, 4(2010), 671-685.

Mary Shalet T. J.

- Changat, Manoj, Prasanth G. Narasimha-Shenoi, Mary Shalet T. J and Ram Kumar. "Directed graphs and its Boundary Vertices." *arXiv preprint arXiv:1609.03110* (2016).

Haseena A

- Haseena. A, M. Suvinthra N Annapoorani, On Large Deviations of Stochastic – Integro differential Equations with Brownian Motion; CBE641046, Discontinuity, Nonlinearity and Complexity; L & H Scientific Publishing

Dr. Ali Akbar. K

- Akbar, A. K. Set of periods of endomorphisms on an abelian group, *Topology proceedings* 42 (2013), Pages 341-347.
- Akbar, A. K, V. I.S. Pillai, B. Sankararao Kannan. The set of periods of periodic points of a toral automorphism, *Topology Proceedings*, 37 (2011), 219-232.
- Akbar, A.K, V.Kannan, I.S. Pillai, B. Sankararao. The set of periodic points of a toral automorphism, *Journal of Mathematical Analysis and Applications*,. 366 (2010) 367-371.
- Akbar, A. K, V.Kannan, Sharan Gopal, P. Chiranjeevi. The set of periods of periodic points of a linear operator, *Linear algebra and its applications*, 431(2009)241-246

Publications in Statistics**Dr. Veena T.G.**

- Veena, T.G. and P. Yageen Thomas, Role of concomitants of order statistics in determining parent bivariate distributions – accepted for publication in Communications in Statistics-Theory and Methods.
- P. Yageen Thomas and Veena, T.G., Application of concomitants of order statistics of independent non-identically distributed random variables in estimation, Communications in Statistics-Theory and Methods, 44, 2530-2545.
- P. Yageen Thomas, Anne Philip and Veena, T.G., Characterization of bivariate distributions using concomitants of generalized (k) record values, Statistica, 431-446.
- P. Yageen Thomas and Veena, T.G., Characterization of bivariate distributions using concomitants of record values, Metrika, 77, 947-963.
- Veena, T.G. and P. Yageen Thomas, Application of concomitants of order statistics of independent non-identically distributed bivariate normal random variables in estimation, Aligarh Journal of Statistics, 33, 83-97.
- P. Yageen Thomas and Veena, T.G., On an application of concomitants of order statistics in characterizing a family of bivariate distributions, Communications in Statistics-Theory and Methods, 40, 1445-1452.
- Veena, T.G. and P. Yageen Thomas, Concomitants of order statistics of independent non-identically distributed random variables, Some Recent Innovations in Statistics- Publication of the Department of Statistics, University of Kerala, 45-56.
- Veena, T.G., On applications of concomitants of order statistics in characterizing families of bivariate distributions, Journal of the Kerala Statistical Association, 19, 40-50.
- Veena, T.G. and P. Yageen Thomas, Characterization of bivariate distributions by properties of concomitants of order statistics, Statistics and Probability Letters, 78, 3350-3354.

***Number of papers published in peer reviewed journals (national /international) by faculty and students –**

Year		International
2016 - 17	Peer Review Journals	05
	Non-Peer Review Journals	01
	e-Journals	
	Conference proceedings	

2015 – 16	Peer Review Journals	03
	Non-Peer Review Journals	
	e-Journals	
	Conference proceedings	02
2014 – 15	Peer Review Journals	03
	Non-Peer Review Journals	
	e-Journals	
	Conference proceedings	02
2013 – 14	Peer Review Journals	02
	e-Journals	
	Conference proceedings	02
2012 – 13	Peer Review Journals	03
2011 – 12	Peer Review Journals	03
	Conference proceedings	01
2010 – 11	Peer Review Journals	04
2009 – 10	Peer Review Journals	01
	Conference proceedings	01

20. Areas of consultancy and income generated:

The faculty members of the department helps nearby school students for their Ganitha Sasthra mela, some students from nearby colleges visit the department for their project report.

21. Faculty as members in a) National Committees b)International Committees c) Editorial Boards: Nil

One Faculty member is a reviewer of Math SciNet and Zendralblatt.

22. Student projects

- a) **Percentage of students who have done in-house projects including inter departmental/programme: 2 Projects**
- b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies Nil**

23. Awards / Recognitions received by faculty and students

- Steeja. I. F (2009-12) and Sruthi Murali (2009-14), have received INSPIRE Scholarship of DST India.
- Dr. G.N. Prasanth has delivered a lecture on “Axiomatic Characterization on Graphs” at Max Plank Institute, Germany in 2013.
- Dr. Veena. T.G; Prof. R N. Pillai Young Statistician Award; 2008 for outstanding research in the field of Statistics by Young Researchers

24. List of eminent academicians and scientists / visitors to the department

Name	Institute
Prof. Rengarajan	Indian Institute of Science Bangalore
Prof., Datti	TIFR Bangalore
Prof. A.. K. Nandakumaran	Indian Institute of Science Bangalore
Prof. K. Sandeep	Indian Institute of Science Bangalore
Prof. Raju.K .George	Indian Institute of Space Technology
Dr. Matjaz Kovse	Max Plank Institute, Germany
Prof.,S. Kumaresan	University of Hyderabad
Prof. K.S.S. Moosath	Indian Institute of Space Technology

Prof.T,Thrivikraman	Formerly CUSAT
Prof. M.I.Jinnah	Formerly Univ, of Kerala
Prof.P.T.Ramachandran	University of Calicut
Prof. A.J.Jayanthan	University of Goa
Dr.M.N.N.Namboothiri	CUSAT
Prof, Thamban Nair	IIT Madras
Prof.V.Kannan	Central University,Hyderabad
Dr.R.S.Chakravarti	CUSAT
Dr. S.H. Kulkarni	IIT Madras
Prof. Vasudeva Murthy	TIFR Bangalore
Dr. Lekshmanan. K	VIT, Vellore
Dr. Shalu M A	IIIT Kancheepuram
Dr. Sreenivasan	Madhura Kamaraj University
Prof. V. Muruganandam	NISER
Prof. Parameswaran Sankaran	IMSc, Chennai
Prof. Somasundaram	M S, University
Prof. H.N. Ramaswamy	University of Mysore
Dr. Ajith Kumar	Indian Institute of Chemical Technology, Bombay

25. Seminars/ Conferences/Workshops organized & the source of funding

Programme	Details
IISc Mathematics Initiative	A workshop on Differential equations from May 15 – 21, 2013, sponsored by IISc, Bangalore.
Enrichment Programme in	With the financial assistance of NBHM, the department is conducting one week Enrichment programme for the students of

Mathematics	UG/PG level from different colleges in Kerala. 1. Enrichment Programme in Mathematics; August 22 - 28, 2012 2. Enrichment Programme in Mathematics; April 26 – May 2, 2010 3. Enrichment Programme in Mathematics; 20- 26 April 2009
Seminar	1. National Seminar on Topology and Fractal Geometry (November 19 -21,2010), Sponsored by UGC 2. Two Day Seminar on Algebra(February 1-2, 2008), Sponsored by the Director of Collegiate Education, Kerala
Conference	1. National Conference on Graph Theory and Automata (March 22- 24, 2007) Sponsored by UGC
Workshop	1. Two day Workshop on LATEX and PYTHON Programming(December 14-15,2012), Sponsored by the Director of Collegiate Education, Kerala
ARP Endowment Lectures	1. Dr. S. H. Kulkarni, IIT Madras; 22.11.2016 2. Dr. Deepesh; IIT Palakkad; 06.02.2016 3. Dr. Kiran Kumar. V.B; CUSAT; 29.11.2014 4. Dr. Aswin Ganesh; Amritha; 15.12.2013 5. Dr. P.M. Mathew, St. Joseph's College, Devagiri; 28.11.2012 6. Dr. V. Rajendran, PSMO College, Thiroorangadi; 05.11.2011 7. Dr. P.B. Vinod Kumar; Rajagiri Institute of Technology; 02.12.2010

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
I B.Sc	Selection is done by the University through CAP	31	7	24	
II B.Sc		26	3	23	
III B.Sc		27	6	21	
I M.Sc		17	2	15	
II M.Sc.		12	0	18	

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
I B.Sc	100	0	0
II B.Sc	100	0	0
III B.Sc	100	0	0
I M.Sc	100	0	0
II M.Sc.	100	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

YEAR	JRF/NET	SET/SLET	GATE	STATE PSC	UPSC	OTHERS*
2016-17	1	0	0	3	0	2 (IBPS)
2015-16	2	3	0	5	0	2 (IBPS)
2014-15	2	3	0	6	0	1 (IBPS)
2013-14	0	2	0	0	2	1 NBHM, 3 IBPS
2012-13	1	2	1	1	0	2 IBPS
2011-12	1	0	0	2	0	2 IBPS
2010-11	0	1	0	0	1	2 (IBPS)
2009-10	1	1	0	1	0	2 (IBPS)

29. Student progression

Student progression	Against % enrolled
UG to PG	75.00%
PG to M.Phil.	5.00%

PG to Ph.D.	5.00%
Employed • Campus selection • Other than campus recruitment	50.00%
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

a) **Library:**4100 books; 8 journals

b) **Internet facilities for Staff & Students:**10 computers, with internet facility and 2 printers

c) **Class rooms with ICT facility:** 2

d) **Laboratories:** Nil

Resources in the Department		
Library	No. of books	4100
	No. of Journals*	8
Computers	No. of computers	12
	Printers	02
Lap Tops		02
Smart Boards		02
DLP Projector		03

31. Number of students receiving financial assistance from college, university, government or other agencies

Name of the scholarship	No. of Students
Suvarna Jubilee Merit Scholarship	01
Kerala State Merit Scholarship	01
Post metric Scholarship	02
Kalyanikkutti Amma Endowment	05
Departmental Assistance	04

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

The Department is organizing an enrichment programme in Mathematics for students from colleges/universities in Kerala with the financial assistance of National Board for Higher Mathematics (NBHM). The programme is aimed

- to create interest in the study of Mathematics
- to expose bright young students to the excitement of doing mathematics
- to promote independent mathematical thinking and
- to prepare them for higher aspects of mathematics by stimulating Mathematical thinking.

The programme is designed in the lines of Mathematics Training and Talent Search Programme (MT&TS) organized by the NBHM. The aim of the programme is not to give routine lectures and presentation of theorem-proofs but to stimulate the participants to think and discover Mathematical results.

33. Teaching methods adopted to improve student learning Teaching learning methods other than class room teaching:

- DLP is used for presentation
- Learning is made student-centered by encouraging them to take class room seminars. The different sources of information about the topics are given to them. They are encouraged to make maximum use of the department library and internet facilities for such purposes.
- Students access journals and scientific publications using infolibnet. Information is gathered about the latest trends in the fields concerned.
- The reading habit and skills of the students are enhanced by giving them library hours and challenging assignments.
- Interactive Board is used for presentations.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The staff members perform various extension activities such as giving invited lectures in various institutions. Department hosts Madhava Mathematics Competition, a National Level competition to enhance nurture the Mathematics talent among second and third year Undergraduate students for Palakkad District. The Staff of the department were actively participated in the election duties of Legislative Assembly, Local Self Governmental Institutions and Parliament

35. SWOC analysis of the department and Future plans:

Strength	Weakness
<ul style="list-style-type: none"> • First among the DST- FIST supported Mathematics department in the colleges of Kerala. • Currently supported by the Kerala State Council for Science, Technology and Environment through their SARD program. • Recognized as a research centre in Mathematics by Calicut University. • Four of the faculty members have Ph. D degree and all the faculty members are pursuing research seriously. • Regularly conducting Mathematical training programs and orientation programs for students. • Provides the opportunity for the students to interact with faculty members of IISc, TIFR, IISERs and IITs and IIST and other central and state Universities of the country. • Various students have been selected for M.Sc and Ph.D. programs in various reputed institutes all over India. • Many students have got jobs in the field of higher education. • Students have also got jobs in Banks and Govt. services. • Strength of alumni- Dr. A.Vijayakumar, who is also the Mathematics Alumni Association president, is currently the Professor and head of the Department of Mathematics, Cochin University of Science and Technology. Dr. Ali Akbar and Dr. Manikandan are working in the department of Mathematics in the Central University of Kerala, Kasargod. • The faculty members of the department are invited as resource persons in seminars and workshops. • Even students from distant places are seeking admission in the department. • The resources of the department such as library, computers, internet facility, smart board and projectors are being utilized effectively. 	<ul style="list-style-type: none"> • As the college is situated in a rural area, most of the students belong to socially and educationally backward classes. • Though the academic performance of the outgoing students is considerably high, only a few students with an excellent score in their qualifying examination seek admission for the UG course in the department due to poor transportation facilities. • The syllabus and curriculum are designed by the University and the department does not have representation in the concerned decision making bodies. • Though qualified faculty members have applied for guideship, they have not yet been awarded guideship due to procedural delay. • As there is no provision for office staff in the department, there is abundance of non-academic work on the shoulders of the faculty. • Most of the students are socially and economically backward and hence are very reluctant to go away for higher studies and research.
Opportunities	Challenges

<ul style="list-style-type: none">• As the students have a positive attitude, the faculty can mould them to strive better and increase their potential.• Class PTA meetings are held on a regular basis. Participation, support and encouragement of the parents help the department in guiding the students and making them aware of the career opportunities.• Activities of Mathematics Association create mathematical awareness and develop logical thinking among the students of the college.	<ul style="list-style-type: none">• Delay in the completion of admission procedure affects first semester classes and hence the subsequent semesters.• Since examinations are not usually conducted according to schedule, teaching and learning processes are affected.• As classes are lost due to reasons beyond our control, covering the syllabus within the very limited available time is a challenge.• It is an uphill task to motivate the students to go to distant places to pursue research.
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Future plans

- To enhance the Research Activities of the Department
- Enhancing Research Collaborations with reputed Institutions in India and Abroad
- More Research Projects from DST, NBHM and other agencies
- More Interactions/lectures from experts of reputed Institutions in India and Abroad
- Starting M. Phil Course
- More student oriented Workshops to nurture the Mathematical Talent
- To make the JRF/NET Coaching more effective
- With the help of Alumni, conduct more soft skill development programmes
- With the help of Alumni, More scholarships for students
- Consultancy

10. DEPARTMENT OF MUSIC

1. **Name of the Department** : Music
2. **Year of Establishment** : 1948
3. **Names of Programmes /Courses offered (UG, PG, M. Phil., Ph. D., and Integrated Masters;Integrated Ph.D.,etc.):**
B.A. Music & M.A. Music affiliated under the University of Calicut. The Department of Music is also a recognized Research Centre under the University of Calicut.
4. **Names of Interdisciplinary courses and the departments /units involved:**Nil
5. **Annual/semester/choice based credit system(Programme wise):**
Choice Based Credit Semester System
6. **Participation of the department in the courses offered by other departments:**
Language course with English Department, Second language courses with Hindi, Malayalam, Tamil and Arabic Departments. Open course with Zoology, Chemistry, Physics, Philosophy, Music, Commerce, Malayalam, Physical education, Tamil and Geography Departments.
7. **Courses in collaboration with other universities, industries, foreign institutions etc. :**Nil
8. **Details of courses /programmes discontinued (if any)with reasons:** Nil
9. **Number of teaching posts:**

	Sanctioned	Filled
Asst.Professors	8	8
10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	No.ofYears of Experience
Sreelekha Panicker. M.S	M.A	Assistant Professor	Vocal	15 years and 6 months
Dr.Susha Chandran. P	M.A, Ph.D.	Assistant Professor	Vocal	15 years and 2 months

Rajani. M	M.A, M.Phil	Assistant Professor	Vocal	13 years and 11 months
Sreeja. K.T	M.A	Assistant Professor	Vocal	5 years and 11 months
Dhanalekshmi. C*	M.A, M.Phil	Assistant Professor	Vocal	5years and 11 months
Arun. V. Kumar	M.A, B.Ed	Assistant Professor	Vocal	5 years and 11 months
Vimal Menon. J	M.A	Assistant Professor	Vocal	2 years and 2 months
Dhanya. R	M.A, M.Phil	Assistant Professor	Vocal	1 year and 5 months

* On Maternity Leave

11. List of senior visiting faculty: Nil

12. Percentage of lectures delivered and practical classes handled (programme wise)by temporary faculty: 9%

13. Student- Teacher Ratio(programmewise):

UG Programme - 21:1

PG Programme - 3:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Lab Attender	01	01

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

With Ph.D	With M.Phil	With PG
1	3	4

16. Number of faculty with ongoing projects from a)National b)International funding agencies and grants received: Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR,etc. and total grants received: Nil

18. Research Centre / facility recognized by the University: Yes.

The Dept of Music is a recognised Research centre of Music under the University of Calicut from 1997.

19. Publications:

Smt. Sreelekha Panicker. M.S

1. Article published by Smt. Sreelekha Panicker M.S., HOD & Asst. Professor, Dept. of Music in the IJSSIR – International e-journal – April 2016 on the topic “Suladi Talas of Indian Music”.
2. Article published by Smt. Sreelekha Panicker M.S., HOD & Asst. Professor, Dept. of Music in the ‘Naadamrutham’ – Kerala University Journal on the topic ‘Kriti, the Master Craft’ – December 2015.
3. Article published by Smt. Sreelekha Panicker M.S., HOD & Asst. Professor, Dept. of Music in the Keli Journal – March 2011 on the topic “Sasthreyatha oru minimum package aakumbol”.

Dr. Susha Chandran. P -

1. Contribution of Pudukkod Krishnamoorthy - in the peered Journal Samakalika Sangeetham, Bi Lingual Bi Annual Journal, - yet to be published.
2. A Study on the Sangitaraja of Maharana Kumbha of Mewar in the peered Journal Samakalika Sangeetham, Bi Lingual Bi Annual Journal, Vol - IV Issue 2 - Oct 2014 - Page No: 81
3. Ragamalika Varnas - in the peered Journal Samakalika Sangeetham, Bi Lingual Bi Annual Journal, Vol - IV Issue 2 - Oct 2014 - Page No:
4. Ragamalikas of the Dikshitar family - in the peered Journal Shanmukha, Quarterly Journal, Vol - Issue - Oct 2014 - Page No: Proceedings of the UGC sponsored National Seminar published by the Department of Music, Govt. College, Chittur on the Paper Presentation by Susha Chandran. P on the topic “A Brief study on Annamacharya and his Contribution to Carnatic Music” in 2009.
5. Article by Susha Chandran. P. Asst. Professor, Dept. of Music on the topic “Healing touch of Music” in the Living Stream Teacher’s Magazine published by the Staff Club, Govt. College, Chittur in 2009.

Rajani M

1. Proceedings of the UGC sponsored National Seminar published by the Department of Music, Govt. Women’s College, Thiruvananthapuram on the Paper Presentation by Rajani. M., Asst. Professor, Dept. of Music, on the topic “Compositions of Thulaseevanam” in 2015.
2. Article by Rajani. M. Asst. Professor, Dept. of Music on the topic “Greatness of Music” in the Living Stream Teacher’s Magazine published by the Staff Club, Govt. College, Chittur in 2009.

Dhanalekshmi. C

1. Annamacharyarude jeevithavum sambhavanakalum - in the peered Journal Samakalika Sangeetham, Bi Lingual Bi Annual Journal, Vol - IV Issue - 2015.
2. Role of Sangeeta Sabhas for the propagation of Carnatic Music in the peered Journal Samakalika Sangeetham Bi Lingual Bi Annual Journal - Vol - IV Issue 2 -Oct 2014 - Page No: 94
3. Dhanalekshmi. C - Kacheri Parambaryam - Keli , the official Journal of Kerala Sangeeta Nataka Academy, Thrissur (Bi Monthly) -2014 -June July - Page No: 69
4. Article by Dhanalekshmi.C, Asst. Professor, Dept. of Music on the topic “ Neelakanta Sivan” in Srutilayam – Malayalam Journal.
5. Article by Dhanalekshmi.C, Asst. Professor, Dept. of Music on the topic “Music and Education” in the Living Stream Teacher’s Magazine published by the Staff Club, Govt. College, Chittur in 2011.

Sreeja K.T

1. Proceedings of the UGC sponsored National Seminar published by the Department of Music, Govt. Women's College, Thiruvananthapuram on the Paper Presentation by Sreeja. K.T., Asst. Professor, Dept. of Music, on the topic "Varnas of Irayiamman Thampi with special mention to Manipravala Varnas" in 2015.
2. Article by Sreeja. K.T, Asst. Professor, Dept. of Music on the topic "Theliyaleru raamabhakthi maarga munu" in the peered Journal Keli of Kerala Sangeetha Nataka Academy, Vol - Issue -2012
3. Article by Sreeja. K.T, Asst. Professor, Dept. of Music on the topic " M.B.S. Nashtavasanth Smrithikalude Paattukaaran" in the Journal Padayali Samayam" Vol - Issue – 2011
4. Article by Sreeja. K.T, Asst. Professor, Dept. of Music on the topic "Karnataka Sangeetharangathe Vaaggeyakkaarikal" in the Living Stream Teacher's Magazine published by the Staff Club, Govt. College, Chittur in 2011.
5. Article by Sreeja. K.T, Asst. Professor, Dept. of Music on the topic "Dhrupad Sangeethavum Karnaataka Sangeethavum Chila Saadhriyangal" in the peered Journal Keli of Kerala Sangeetha Nataka Academy, Vol - Issue – 2008.

Dhanya. R

1. Article by Dhanya.R, Asst. Professor, Dept. of Music on the topic "Tillana an Overview" in the in the peered Journal Samakalika Sangeetham Bi Lingual Bi Annual Journal – Vol- in 2010.
2. Article by Dhanya.R, Asst. Professor, Dept. of Music on the topic "Tillana an Overview" in the in the peered Journal Samakalika Sangeetham BiLingual Bi Annual Journal – Vol- in 2009.
3. Article by Dhanya.R, Asst. Professor, Dept. of Music on the topic "Musical inscriptions" in the Journal of Music published by the Department of Music, University of Kerala in 2008.

20. Areas of consultancy and income generated: Nil

21. Faculty as members in National committees:

1. Smt. Sreeja. K.T Assistant Professor, Dept of Music, is a Jury Member of the Film Music Award of Bharat P.J. Antony Memorial National Award for Documentary and Short Films PART ONO Films, Thrissur for 2013, 2014 & 2015
2. Smt. Dhanalekshmi.C, Assistant Professor, Dept of Music, is a Subject Expert in the Appeal Committee of the Calicut Revenue District School Kalotsavam 2016
3. Smt. Dhanalekshmi. C, Assistant Professor, Dept of Music, is an A grade Artiste of the AIR, and she is one of the Members in the Panel of Judges for the AIR Music Competitions in 2015.

22. Student projects a) Percentage of students who have done in-house projects including interdepartmental / programme: Nil

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/otheragencies: Nil

23. Awards/Recognitions received by faculty and students

Sl. No.	Name of the Faculty	Awards/honours
1.	Sreelekha Panicker. M.S	Elected Academic Council Member of the University of Calicut from 2006-2010 Member of Board of Studies in Music (UG & PG Single Board) of the University of Calicut from 2003 onwards
2.	Dr. Sussha Chandran. P	Member of the Board of Faculty in Fine Arts of the University of Calicut in 2016 Member of Board of Studies in Music (UG & PG Single Board) of the University of Calicut from 2003 onwards Awarded Ph.D in Music by the University of Calicut for her Ph.D Thesis on the topic “The Musical Form Ragamalika in Sanskrit” under the guidance of Dr. A. Jalaja Varma in 2014. I Rank in B.A. Music of Calicut University in 1990 Recipient of Gold Medal for achieving I Rank in B.A. Music of the Calicut University from the N.S.S. Organisation in 1990.
3.	Smt. Rajani. M	Elected Academic Council Member of the University of Calicut as representative in Music in 2015 Member of the Board of Faculty in Fine Arts of the University of Calicut in 2003 onwards Member of Board of Studies in Music (UG & PG Single Board) of the University of Calicut from 2007 onwards Awarded M. Phil in Indian Music from University of Madras in 1992. II Rank in B.A. Music of Calicut University 1988 & III Rank in M.A. Music of Calicut University in 1990
4.	Smt. Sreeja. K.T	Recipient of Paithrikam Award from Cherppu CNN Kalagramam, Thrissur in 2008 I Rank Holder of Calicut University in M.A. Music – 2007.
5.	Dhanalakshmi. C	Member of the Appeal Committee Panel of Judges for the Revenue District Kalotsavam of Calicut Dt

		<p>Smt. Dhanalekshmi. C, Assistant Professor, Dept of Music, is a Subject Expert in the Appeal Committee of the Calicut Revenue District School Kalotsavam 2016</p> <p>Smt. Dhanalekshmi. C, Assistant Professor, Dept of Music, is an A grade Artist of the AIR, and she is one of the Members in the Panel of Judges for the AIR Music Competitions in 2015</p> <p>Awarded A grade Artist of the AIR in 2014</p> <p>Performed Music Concert in the Brihadeeswara Temple Thanjavur under the auspices of Programme conducted by South Zone Cultural Centre, Thanjavur</p> <p>Recipient of the title ‘Nadalaya Sindu’ from Dhananjayan Smaaraka Trust in 2009.</p> <p>Recipient of the Chembai Puraskaaram of the Govt of Kerala for Young Artists in 2007.</p> <p>II Rank holder of B.A. Music in 2002 & I Rank holder in M.A. Music of Kerala University in 2004</p> <p>Recipient of National Talent Scholarship (Senior) from the Govt of India in 2002</p>
6.	Arun. V. Kumar	III Rank holder of B.A. Music in 1998 & III Rank holder in M.A. Music of Kerala University in 2002
7.	Vimal Menon. J	Diploma in Sound Engineering from S.S. Digitals, Thiruvananthapuram. Recorded voices of Dr. K.J. Yesudas, K.S. Chitra, Shreya Ghoshal, & Vidhu Prathap.
8.	Dhanya. R	I Rank Holder & Gold Medalist in M.A. Veena from the Delhi University II Rank holder in M.A. Music of Kerala University in 2004 & I Rank holder of B.A. Music in 2002

ACHIEVEMENTS OF STUDENTS

Name of the Student	Item	Competition	Prize	Year
Lijimon. G	Triple Drum	Interzone	II Prize	2009
Santhosh Kumar	Mimicry	Interzone	III Prize	2009
Sakesh. K	Wind Eastern	Interzone	II Prize	2010

Sakesh. K	Percussion(Tabla)	Interzone	II Prize	2010
Suvarna. T	Light Music (Women)	Interzone	I Prize	2011
Suvarna. T	Light Music (Women)	Swaralaya Music Competitions, Palakkad	I Prize	2012
Rithu Divakar	Light Music (Women)	Swaralaya Music Competitions, Palakkad	II Prize	2012
Rithu Divakar	Film Song (Women)	Swaralaya Music Competitions, Palakkad	I Prize	2012
Jeena	Film Song (Women)	Swaralaya Music Competitions, Palakkad	III Prize	2012
Radhika Menon	Classical Music	Swaralaya Music Competitions, Palakkad	I Prize	2012
Jeena	Light Music (Women)	Swaralaya Music Competitions, Palakkad	III Prize	2012
Aswathy. M	Classical Music	A Zone	III Prize	2012
Sruthy & Party	Group Song(Indian)	Inter Collegiate Fest, SNGC College, Coimbatore	I Prize	2012
Sulekha Beevi	Mappilapattu Competition	Blind Association, Malappuram	I Prize	2012
Name of the Student	Item	Competition	Prize	Year
Yadhu.S.Marar	Classical Music	Swathi Music Dais, Calicut	II Prize	2012

Shinsi. E.M	Malayalam Recitation	Interzone	I Prize	2013
Shinsi. E.M	Classical Music(Women)	Interzone	III Prize	2013
Rithu Divakar & Party	Group Song(Indian)	Interzone	III Prize	2013
Jeena & Party	Ganamela(Indian)	Interzone	III Prize	2013
Yadhu.S.Marar	Kathakali Music	A Zone	I Prize	2013
Yadhu.S.Marar	Kathakali Music	A Zone	II Prize	2013
Yadhu.S.Marar	Semi Classical Music(Men)	A Zone	II Prize	2013
Yadhu.S.Marar	Chenda Thayambaka (Solo)	A Zone	II Prize	2013
Suvarna. T	Light Music (Women)	A Zone	II Prize	2013
Suvarna. T	Desabhakthi Ganam	A Zone	I Prize	2013
Rannya Krishna & Party	Group Song(Indian)	A Zone	II Prize	2013
Krishnaveni.	Semi Classical Music(Women)	A Zone	III Prize	2013
Yadhu.S.Marar	Classical Music(Men)	All India Radio, Thrissur, Selected for National Level	II Prize	2013
Minija.M	Vallathol Poem Recitation	P.N. Memorial Ayurveda College	I Prize	2013
Minija.M	P. Leela Anusmaranam Music Competition	Victoria Girls High School, Chittur	I Prize	2013
Minija.M	Light Music (Fantabulous)	Nehru College of Engineering, Coimbatore	I Prize	2013
Aswathi Rajasekharan	Vayalar Songs Competition	Victoria College, Palakkad	I Prize	2013

Aswathi Rajasekharan	Keralotsavam Competitions Light Music	Victoria Girls High School, Chittur	I Prize	2013
Name of the Student	Item	Competition	Prize	Year
Aswathi Rajasekharan	Keralotsavam Competitions Classical Music	Victoria Girls High School, Chittur	I Prize	2013
Ranjith	Solo Song Competition	College of Science & Commerce, Coimbatore	I Prize	2013
Suvarna. T	Light Music (Women)	A Zone	I Prize	2014
Yadhu.S.Marar	Classical Music(Men)	A Zone	I Prize	2014
Yadhu.S.Marar	Kathakali Music	A Zone	I Prize	2014
Yadhu.S.Marar	Light Music (Men)	A Zone	I Prize	2014
Sruthi. P& Party	Group Song(Indian)	A Zone	II Prize	2014
Suvarna. T	Desabhakthi Ganam	A Zone	I Prize	2014
Reshma Raj& Party	Folk Music	A Zone	II Prize	2014
Jayadas. K	Mimicry	A Zone	II Prize	2014
Maheswar. M	Percussion(Mridangam)	A Zone	III Prize	2014
Yadhu.S.Marar	Kalaprathibha (Title)	A Zone	I Prize	2014
Shijin.S	Solo song Competition	A.J.K. Engineering College, Coimbatore	I Prize	2015
Jayadas.K	Mimicry	A.J.K. Engineering College, Coimbatore	I Prize	2015
Yadhu.S.Marar	Classical Music(Men)	Interzone	I Prize	2015

Prabin.S	Classical Music (Men)	A Zone	I Prize	2016
Prabin.S	Kathakali Music (Men)	A Zone	II Prize	2016
Amalshitha Raj	Light Music(Women)	A Zone	I Prize	2016
Amalshitha Raj	Kathakali Music (Women)	A Zone	I Prize	2016
Name of the Student	Item	Competition	Prize	Year
Sumitha &Party	Folk Music (Women)	A Zone	II Prize	2016
Anjitha&Party	Group Dance (Women) (Folk)	A Zone	I Prize	2016
Reshma&Party	Folk Music (Women)	A Zone	II Prize	2016
Mubarak.P.A	Ganamela	A Zone	I Prize	2016
Reshma&Party	Desabhakthi ganam	A Zone	II Prize	2016
Jayadas.K	Mimicry	A Zone	II Prize	2016
Amalshitha Raj	LightMusic (Women)	Interzone	II Prize	2016
Mubarak.P.A	Ganamela	Interzone	I Prize	2016
Reshma&Party	Desabhakthi ganam	Interzone	II Prize	2016
Anjitha&Party	Group Dance(Folk) (Women)	Interzone	II Prize	2016
Prabin.S	Classical Music(Men)	Swathi Music Dais, Calicut	II Prize	2016
Mubarak.P.A	Film Song (Women)	Swaralaya Music Competitions	I Prize	2016

Priyanka & Party-

*A group of eight PG Students participated in the Yuvalayam Music Competitions conducted by the Thirumala Tirupathi Devasthanam held at Tirupati in Oct 2012 and were selected for the Finals at Thirupati in Nov 2012.

*A group of 11 students participated in the one day Seminar on Music at Agni Cultural Academy, Thrissur in Dec 2012.

Rannya Krishna. C.K –

- a) As Playback Singer for the Tamil Movie “Enge en Shankar” - Music Direction by Shimjit Sivan
- b) As Playback Singer for the Documentary Film “Aleena” -Music Direction by Nikhil Prabha.
- c) As Playback Singer for the Video Album “Preyasi” - MusicDirection by Manush
- d) Recipient of Aryabhata Star Singer Award for securing I Place in the State Level Competition of Film Songs conducted by the Arya Bhatta College Thrissur,

Noorsha.C.K –

- a) Recipient of the Abu Memorial Award
- b) Participated in the Patturumaal Reality Show

Yadhu.S.Marar –

- a) Participated in the Music Reality Show in Flowers Channel
- b) Recipient of Special grant for talented students of the Nurture Scholarship given by Sree Sankaracharya University of Sanskrit, Kalady.

Rithu Divakar –

- a) Recipient of Nurture Scholarship for students of Merit given by Sree Sankaracharya University of Sanskrit, Kalady.

Reshma Raj –

- a) As Dubbing Artist for the Video Album Minnaminni (Children’s Animation)- Yet to be released.
- b) As Dubbing Artist for the Film “Bhayam” – Directed By Riyaz Ismath - Yet to be released.
- c) As Playback Singer in the Audio Album “Chaitrasugandhika”- Music Direction by Prasad.K. Iyer & Sajith Shankar
- d) As Dubbing Artist for the Video Album “Ormacheppu”
- e) As Dubbing Artist for the various Advertisement (Audio & Video)
- f) Participated in the Folk Music Programmes in the Kairali TV, Surya TV, Asianet TV, V Channel, & Flowers Channel

Minija.M –

- a) As Playback Singer for the Video Album “Youngsters” Music – Direction by Arjun.V.Akshaya

Sumitha.S –

- a) Participated in the Reality Show Idea Star Singer (Season 6) of Asianet Channel.
- b) Playback Singer for the film “Today”- Music Direction by Sajith Shankar- Yet to be released
- c) Folk Music Programmes in the Doordarshan, Kairali TV, Surya TV, Mazhavil Manorama TV, ACV,& Flowers Channel

Gayathri -

- a) Participated for the “Kavithaparayanam” in the AIR, Thrissur in 2016
- *A group of four students from Final B.A. Music 2016 (Sivaranjini, Gayatri, Aiswarya, & Haripriya) had sung in the Video Album “Nammude Palakkad” along with the Folk

Artist Sri. Pranavam Sasi.

*A group of 11 students participated in the one day Seminar on Music at Sangita Nataka Academy, Thrissur in Sept 2016.

24. List of eminent academicians and scientists/visitors to the department

- ❖ Smt. Seetha Rajan, Renowned Musician and Graded Artist, Chennai
- ❖ Sangeetha Kala Acharya Sri. Mangad K. Natesan, Graded Artist,
- ❖ Sri. Thiruvizha Jayasankar, Renowned Nagaswaram Artiste & Graded Artist of AIR
- ❖ Sri. Trichy S Ganesh, Renowned Musician and Graded Artist of AIR, Madurai
- ❖ Sri. Mavelikkara. P .Subramanyam, Renowned Musician and Rtd Principal, RLV College of Music, Thripunithura
- ❖ Sri. Anantha Padmanabhan, Renowned Veena Artiste & Graded Artist of AIR
- ❖ Smt. T.H. Lalitha, A Top Violin Artiste of AIR
- ❖ Sri. Sanjay Subramaniam, Renowned Musician and Graded Artist, Chennai
- ❖ Sri. Raj Kumar Bharati, Renowned Musician and Graded Artist, Chennai
- ❖ Dr. G. Latha Varma, Retd. Principal, Professor, Dept of Music, Madurai University
- ❖ Dr. K. Premalatha, Rtd. Deputy Director, Collegiate Education
- ❖ Dr. E.N. Sajith, Director, South Zone Cultural Centre, Thanjavur
- ❖ Dr. N. Mini, HOD & Associate Professor, Dept of Music, Kannur University.
- ❖ Prince Rama Varma, eminent Vocal and Veena Artiste
- ❖ Dr. K.N. Ranganatha Sharma, Renowned Musician and Graded Artist of AIR, Principal & HOD of Dept of Music, Madurai University
- ❖ Sri. K. Muraleedharanunni, Eminent Vocalist & Graded Artist of AIR
- ❖ Dr. Sreevalsan. J. Menon, Eminent Musician, Composer & Graded Artist of AIR
- ❖ Sri. Ambikapuram Sivaraman, Renowned Musician and Graded Artist
- ❖ Pranavam Sankaran Namboodiri, Renowned Musician and Graded Artist,
- ❖ Dr. V. R. Dileep Kumar, Renowned Musician and Graded Artist,

- ❖ Dr. Sadanam Harikumar, Renowned Musician and Graded Artist,, Kathakali Artiste, &Principal, Sadanam Academy, Patthirippala
- ❖ Dr. V. Sindu, Graded Artiste of Violin of AIR, & Assistant Professor, Dept of Vocal Music, CMGMC, Palakkad
- ❖ Cherthala. S. Dinesh, Graded Artiste in Mridangam of AIR & Principal, CMGMC, Palakkad
- ❖ Dr. S. Suresh, Associate Professor, Dept of Music, Madurai
- ❖ Arackkal Nandakumar, Graded Artiste of Air, Musician & Music Composer.
- ❖ Sri. Thiruvizha Viju. S. Anand, Graded Artiste of Violin of AIR
- ❖ Sri. Kollam G.S. Balamurali, Graded Artiste of AIR.
- ❖ Palakkad S. Mahesh Kumar, Graded Artiste of Mridangam of AIR

25. Seminars / Conferences /Workshops organized & the source of funding a) National

- ❖ Three Day National Seminar on “KERALA COMPOSERS” sponsored by the Directorate of Collegiate Education, Thiruvananthapuram in November 2015.
- ❖ Two Day Workshop on “THE COMPOSITIONS OF LAKSHMANA PILLAI “ by Dr. K. Premalatha , Retd. Deputy Director, Directorate of Collegiate Education, Thiruvananthapuram conducted by the Sangeethika Alumni Association, GCC in March 2015
- ❖ Two Day Seminar on “THE COMPOSITIONS OF MUTHUSWAMI DIKSHITAR” – sponsored by the Collegiate Education in Oct 2014.
- ❖ Two Day Workshop on “RARE COMPOSITIONS “ by Sri. Ambikapuram Sivaraman, conducted by the Sangeethika Alumni Association, GCC in March 2014

26. Studentprofileprogramme/coursewise:

Programme	Year	Applications received	Selected	Enrolled		Pass %
				*M	*F	
B.A.	2009-10	78	17	7	10	71
	2010-11	46	19	4	15	42
	2011-12	60	18	3	15	35
	2012-13	55	12	1	11	67
	2013-14	68	21	2	19	29
	2014-15	90	20	2	18	53
	2015-16	65	20	2	18	89
M.A.	2009-10	18	13	4	9	77
	2010-11	15	9	1	8	100

2011-12	15	10	4	6	80
2012-13	12	10	1	7	60
2013-14	10	5	-	5	100
2014-15	6	2	-	2	50
2015-16	12	9	2	7	83

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same State	% of students from other States	% of students from abroad
B.A. Music	95%	3%	Nil
M.A. Music	95%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

In the last five years, 3 students have passed the Eligibility test – NET and two students have qualified for the UGC JRF/NET Exam and both of them are registered scholars.

29. Student progression

Student progression	Against % enrolled
UG to PG	05
PG to M.Phil.	20
PG to Ph.D.	20
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	15
Entrepreneurship/Self-employment	03

30. Detail of Infrastructural facilities

a) Library

The Department is a recognized Research Centre under the University of Calicut and three Research scholars of the Department has been awarded Ph.D in the last two years. The Department has a well-equipped Library with above two thousand library books, which include rare lakshana grandhas, notation books of compositions, Bound volumes of Journals, Ph.D Thesis, and subscribed Magazines, Dissertations. It has also enough Research material for students to work upon for students as well as Research scholars. 2000 books

b) Internet facilities for Staff & Students

Wireless internet facility is available in the Department and resource materials from the INFLIBNET are being accessed by the students. With the help of this wireless facility students are able to listen to legendary musicians concerts. 5 journals are subscribed

c) Class rooms with ICT facility

One of the PG Class rooms is a Smart room and has been equipped with a Smart Board, a Projector and Home Theatre and wireless facility. The students are given the opportunity to hear the music Programmes of renowned musicians and legendary singers.

d) Laboratories

The students of the Department of Music have enough resources to work up for enhancing their talents. The Department has a well equipped audio visual room which is used by students of both UG& PG. Facilities are given to students to hear Audio recitals of prominent musicians & lecture Demonstrations which are highly beneficial to students.

The Department has a good collection of traditional instruments such as Tambura, Veena, Violin, Guitar, Sitar, Flute, Harmonium, Nagaswaram, Clarinet, Tabla, Mridangam, Ghatam, Chenda, Edakka, Chimpta, Dolak, Jalra, Key Board, Jazz, Rhythm Pad, Triple Drum and a rare instrument called the Bulbulthara. The students are given exposure to improve their talents during their free time.

31. Number of students receiving financial assistance from college, university, government or other agencies

Selected students of both UG & PG receive financial assistance from the Govt based on the eligibility criteria for certain privileged categories. One of the students, Sreena. M.S, of Final Year B.A. Music has been selected for the T. M. B. Nedungadi Memorial Scholarship of an amount of Rs. 5000/- of the Swathi Music Dias, a cultural organization of Kozhikkode.

1. E – Grants - 38
2. Central Sector Scholarship - 8

32. Details on student enrichment programmes (special lectures/ workshops /Seminar) with external experts.

Sl. No.	Title	Date	Funded by
1.	Enrichment class by Sri Arackkal Nandakumar, Visiting Faculty, Dept of Music, School of Drama & Fine Arts, Thrissur in Dec 2016	01/12/2016	Department Association, Govt. College, Chittur
2.	Music Concert of Sri. A.E. Vamanan Namboodiri, Renowned Musician & Graded Artist of AIR, Thrissur	29/11/2016	Department Association, Govt. College, Chittur
3.	Dr. M. Balamurali Krishna Anusmaranam & M.K. Manoj (Late Alumni) Anusmaranam	26/11/2016	Sangeethika Alumni Association
4.	Violin Concert by renowned violinist & Graded Artist of AIR, Sri. Viju. S. Anand who is also an Alumni of the Dept	05/11/2016	Sangeethika Alumni Association
5.	Violin Concert by renowned Violinist & Graded Artist of AIR Sri. C.S. Anuroop under the auspices of “SWATHI SANGEETHOLSAVAM” conducted by the All India Radio, Thrissur which was broad casted in all stations on 14/04/2016	15/03/2016	Govt. College, Chittur (as Venue)
6.	Exhibition of Musical Instruments for Two Days in the Music Concert Hall	20/01/2016 & 21/01/2016	Department Association, Govt. College, Chittur
7.	M.S. Viswanathan Anusmaranam Music Programme	27/11/2016	Sangeethika Alumni Association
8.	Lecture Demonstration on “Raga Alapana Techniques” by Dr. S. Suresh Kumar, Associate Professor, Pondicherry University,	17/11/2015	Sangeethika Alumni Association
9.	Lecture Demonstration on “Kathakali Music” by Dr. Sadanam Harikumar, Renowned Kathakali Artist & Principal, Sadanam Kathakali Academy, Patthirippala	12/11/2015	Department Association, Govt. College, Chittur

10	Two Day Workshop on “The Compositions of T. Lakshmana Pillai” in March 2015 - Class taken by Dr. K. Premalatha, Retd. Deputy Director, DCE, Thiruvananthapuram	/03/2015	Sangeethika Alumni Association, GCC
11	Music Concert by renowned Musician & Graded Artist of AIR, Dr. K. N. Ranganatha Sharma who is also an Alumni of the Dept	29/11/2014	The Sangeethika Alumni Association, GCC
12	Music Concert by renowned Musician & Graded Artist of AIR, Dr. M. S. Parameswaran who is also an Alumni of the Dept	07/11/2014	Department Association, Govt. College, Chittur
13	Two Day Workshop on “Rare Kritis of Different Composers” in March 2014 - Class taken by Sri. Ambikapuram Sivaraman, Renowned Musician & Graded Artist of AIR.	04/03/2014 & 05/03/2014	Sangeethika Alumni Association, GCC
14	Two Day Workshop on “Navavidha Bhakthi Kritis” in Feb 2014 - Class taken by Dr. N. Mini, HOD & Associate Professor in Music, Kannur & Graded Artist of AIR.	26/02/2014 & 27/02/2014	Sangeethika Alumni Association, GCC
15	One Day Workshop on “Rare Compositions of Different Composers” in 2013- Class taken by Sri. Ambikapuram Sivaraman, Renowned Musician & Graded Artist of AIR.	March 2013	Department Association, Govt. College, Chittur
16	Music Programme in memory of famous singer Smt. P.Leela (P.Leela Anusmaranam)	March 2013	Sangeethika Alumni Association, GCC
17	Two day Workshop on “Rare Compositions” in Sept 2013 Class taken by Sri.Edapally Ajith Kumar	11/11/2013	Department of Music, Govt.College, Chittur
18	One Day Workshop on the “Wax replacement & Tuning on the Veena” by Sri. Ashokan, Veena Manufacturer	March 2012	The Sangeethika Alumni Association, GCC
19	One Day Workshop on “Selected Compositions” in 2012 - Class taken by Sri. Mualidharanunni, Renowned Musician & Graded Artist of AIR.	Nov 2012	Department Association, Govt. College, Chittur

20	One Day Workshop on “Selected Compositions” in 2011 - Class taken by Sri. V.R. Dileep Kumar, Renowned Musician & Graded Artist of AIR.	Nov 2011	Department Association, Govt. College, Chittur
21	Two Day Workshop on “Rare Compositions in Carnatic Music” in November 2011- Class taken by Dr. G. Baby Sreeram, Renowned Musician & Graded Artist of AIR	Nov 2011	The Sangeethika Alumni Association, GCC
22	One Day Workshop on “Tala Aspects” in Jan 2011 - Class taken by Sri. Chertala Dinesh, Renowned Mridangist & Graded Artist of AIR	Jan 2011	The Sangeethika Alumni Association, GCC
23	Music Concert by Sri. Vijeesh Kumar. V, who is an Alumni of this Department in 2010	Nov 2010	Department Association, Govt. College, Chittur
24	Lecture Demonstration on “Kathakali Padas” by Sri. Sadanam Harikumar, Renowned Kathakali Artist & Musician, Sadanam Kathakali Academy, Patthirippala	July 2010	The Sangeethika Alumni Association, GCC

33. Teaching methods adopted to improve student learning

- Usage of Black Board and Lecture method to students.
- Usage of relevant Books and Data from websites.
- Usage of Teaching Aids such as Electronic devices such as Sruthi Box.
- Usage of DVD Players for listening to Audio recitals of legendary musicians.
- Usage of ICT Devices, Smart Board to enhance the learning process.
- Downloading and copying of Audio recitals to CD’s from music websites.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

- Election duty to Loksabha, Parliament and various local bodies Almost all the Faculty members have given service to the society by taking up Election Duties of the various bodies.
- Music performances by students & Faculty inside and outside the campus.
- Music is a subject which creates harmony to all people irrespective of Caste, Creed, and Religion. It is a supporting factor and can create bliss even to those who are not initiated into the world of music.
- The students of the Department participate in music programmes both inside and outside the campus.
- The students of the Department had participated in a Music Programme which was specially done for the Paliative patients of the surrounding locality. The music programme was well received by these Paliative patients who were taken to another world of ecstasy and joy. It was a divine experience for the students as they lend a helping hand to those patients who were unable to even move by themselves.

- The HOD of the Department is currently the Convenor of the Planning Board of the College
- Women cell activities of the College.
- A Faculty member was the Coordinator of the Women Cell Activities in the College from 2011 to 2015.
- PTA Meetings in the College.
- A Faculty member is a member of the PTA Committee of the College.
- Walk with Scholar Coordination
- A Faculty Member was the Coordinator of the Walk with Scholar Scheme for the past three years.
- Conduct of Tutorials.
- A Faculty member is the Coordinator for the Tutorial System in the College.
- Conduct of Counselling Sessions.
- A Faculty member is the Coordinator for the Councelling Cell of the College.

35. SWOC analysis of the department and Future plans

Strength

- ❖ One of the oldest Departments of GCC established ever since the College began.
- ❖ Oldest Department offering Music as a Subject of study in the State.
- ❖ First Institution under the University of Calicut offering B.A. & M.A. Music.
- ❖ First Institution to become a Research Centre in Music under the University of Calicut.
- ❖ Dr. A. Jalaja Varma who was one of the Senior faculty of this Dept was the first Research Guide in the University of Calicut
- ❖ This Research Dept has produced three Ph.Ds.
- ❖ Department situated in a place noted for Music and all Performing Arts.
- ❖ Department has had many distinguished Faculty members who contributed much to the development of the subject.
- ❖ All posts are filled with Young, Vibrant & Well Qualified Permanent Faculty members.
- ❖ Department has a well equipped Music Concert Hall with a capacity of 100 to conducts Music Programmes at a regular interval.
- ❖ A well equipped Smart classroom which enable PPT Presentations.
- ❖ Having required number of Lab Equipments in good condition.
- ❖ Internet and computer facilities are available in the Smart Room & Staff room.
- ❖ A well established Department library with around 2000 books & Journals which include very rare collection.
- ❖ A good collection of Musical Instruments both traditional and Modern.

- ❖ A strong Alumni Association with many famous Alumni in the field of Music and which regularly conducts Programmes for student enrichment.
- ❖ A good number of CD's and Disks of legendary musicians.
- ❖ Music offers self employment to both UG &PG students who take Music as a Career.
- ❖ Having an Institute in the near vicinity of the College offering Music as a subject of study in +2 (K.M.M.G.H.S, Vandithavalam)

Weakness

- ❖ Lack of one class room for PG and being managed by engaging class in the Department Library.
- ❖ Lack of Equipment to scan rare books and take Photostat copies for Research Scholars, staff and students.
- ❖ Lack of Equipment to digitally maintain rare books & Audio CD's.
- ❖ Lack of infrastructural maintenance & renovation for the Audio Visual Room.
- ❖ Lack of infrastructural facilities for the proper maintenance of Musical Instruments.
- ❖ Lack of a Recording Studio to record Music Programmes.
- ❖ Lack of brilliant students who opt colleges in the vicinity of towns.
- ❖ The lag of University Examinations creates many issues for students.

Opportunity

- ❖ Music as a Professional Course
 1. Music is a Professional Course & students have the benefit of Self employment.
 2. Students with real talents and skill can become accomplished musicians.
- ❖ Music as a Performing art

Gives great scope for students to become a

 1. Classical Musician.
 2. Playback Singer.
 3. Instrumentalist.
 4. Music Director/Composer.
 5. Academicians in the field of Music in Schools/Colleges.
 6. A Staff Artist, Programme Executive, Sound recordist & Announcer in AIR, Doordarshan and other reputed Channels.
 7. A Musicologist & Columnist in the Media & established Dailies
 8. To secure jobs under various Central Govt organisations such as Railway, & Defence Forces

9. Have the opportunity to take up skilled posts coming under Cultural quota both in India and overseas.
10. Cultural Ambassadors in various countries.
11. Music Therapist in Multi Speciality Hospitals.
12. To pursue a Career in Music which is a relaxation to everyone irrespective of caste, creed and religion.
13. Students wishing to take up a Career in Music can pursue Research in the same College.

Challenges

- ❖ Lack of proper maintenance of Infra structure imposes many challenges.
- ❖ Lack of Job opportunities in the Govt. sector.
- ❖ Lack of timely Financial Assistance from the Govt creates challenges for the Department.
- ❖ Lack of sufficient public transportation system from and to the college is a real challenge.
- ❖ Lack of untrained laboratory staff is also a challenge.
- ❖ The introduction of M.A. Music Course in the nearby Music College which is situated in a town area is a threat.

FUTURE PLANS

- ❖ Department to be developed into a Centre of Excellence capable of attracting students from far and wide.
- ❖ Making the Department as a full fledged Research Centre for students from Kerala and outside.
- ❖ To organise more fruitful Conferences and National Seminars to discuss the different aspects of Music and developmental issues..
- ❖ To establish a Recording Studio in the Department which caters to the needs of students and Public.
- ❖ The establishment of a Museum which displays Musical Instruments of all types.
- ❖ More infrastructure development for the existing laboratory, Music Concert Hall, Department Library and Audio Visual room.
- ❖ To publish a Journal with ISB registration.
- ❖ Completion of Research by Faculty who have registered for Ph.D & entertain new Projects..
- ❖ To enhance the existing consultation services and extension activities
- ❖ To release an Audio Album of contribution by the Faculty members who had served in this Department earlier.

11. DEPARTMENT OF PHILOSOPHY & PSYCHOLOGY

1. **Name of the department** : Philosophy & Psychology
2. **Year of Establishment** : 1947
3. **Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)** : UG, PG and Ph. D
4. **Names of Interdisciplinary courses and the departments/units involved:**
Complementary Courses opted as Psychology
5. **Annual/semester/choice based credit system (programme wise):**

UG: semester & choice based credit system
PG - Semester & choice based credit system
6. **Participation of the department in the courses offered by other departments:**
Open Course
7. **Courses in collaboration with other universities, industries, foreign institutions, etc:** Nil
8. **Details of courses /programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts**

	Sanctioned	Filled
Associate Professors		1
Asst. Professors	7	6

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. / Ph.D./M.Phil.etc.)**

Sl. No	Name	Qualification	Designation	Specialization	Years of Experience
1	Dr. E K Rajamohanam	M Phil, Ph. D,	Associate Professor	Vedanta	26

2	Sri Balasubranian V	M Phil,	Assistant Professor	Deconstruction	10
3	Smt Subha Sree V	M Phil,	Assistant Professor	Philosophy of mind	8
4	Sri Mohanan P	M Phil	Assistant Professor	Environmental ethics	8
5	Dr C Bindu	M Phil, Ph. D,	Assistant Professor	Philosophy of Language	8
6	Dr M Sreekumar	M Phil, Ph. D, PDF	Assistant Professor	Indian language philosophy	6
7	Jobin Jose	M.Sc	Guest		1

11. List of senior visiting faculty:

1. Sri.Ragunath Parackal, Famous Psychologist and Active member in Saksharatha Mission.
2. Mr.Mundur Sethumadhavan, Eminent thinker and Novalist (Malayalam).
3. Dr. S. Lourdunadhan, Dalit activist and Writer, Professor, Dept of Philosophy, Arul Anandar College, Madurai.
4. Dr. P.K Pokker, Director of Kerala Bhasha Institute, Professor and Head Dept of Philosophy, University of Calicut.
5. Dr.A.Kanthamani, Retd Professor, Dept of Philosophy, University of Calicut.
6. Dr.M. Ramakrishnan, Associate Professor Dept of Philosophy, University of Kannur.
7. Dr.T.V.Madhu, Writer and Critic Dept of Philosophy, University of Calicut.
8. Dr.G.Vedaparayana, Dept of Philosophy, Sree Venkateswara University, Tirupati.
9. Dr.K.Sreenivasan, Dept of Philosophy, Pondicherry University.
10. Adv.P.A.Puuran, An eminent Human Rights activist.
11. Mr.Sharafudden, Circle Inspector of Police, Chittur.
- 12.Prof.Sambasiva Prasad, Dept of Philosophy, Sree Venketeswara University, Tirupati.
13. Dr.K.Gopinathan, Reader & Head Dept of Philosophy, Calicut University.
14. Dr. V Prabhakaran Research guide, dept. of Philosophy

12. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty: 12.5%

13. Student-Teacher Ratio(programme wise)

UG- 35:1

PG- 8:1

14. Number of academic support staff (technical) and administrative staff sanctioned and filled: Nil

15. **Qualifications of teaching faculty with DSc /D.Litt/ Ph. D/MPhil/PG.**
 Ph.D: 3
 M. Phil : 3
 PG : 1
16. **Number of faculty with ongoing projects from a)National b)International funding agencies and grants received: Nil**
17. **Departmental projects funded by DST-FIST; UGC, DBT, ICSSR,etc.and total grants received : UGC (Project) – MRP 3 no.s (Amount =435000/-)**
18. **Research Centre/ facility recognized by the University: Yes**
 ResearchCentre- Calicut University
19. **Publications:**
20. **Areas of consultancy and income generated- Nil**
21. **Faculty as members in National committees b)International Committees c)EditorialBoards: Nil**
22. **Student projects: a)Percentage of students who have done in-house projects including inter departmental /programme: Nil**
b)Percentage of students placed for projects in organizations out side the institution i.e.in Research laboratories /Industry / otheragencies
23. **Awards/Recognitionsreceivedbyfacultyandstudents:**
24. **List of eminent academicians and scientists /visitorstothe department**
25. **Seminars/Conferences/Workshops organized & the source of funding**
 a) National
 1) National Seminar No: 5. Directorate of Collegiate Education
 2) National Seminar No. 1. UGC
26. **Studentprofileprogramme/coursewise:**

Nameofthe Course/programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BA		35	12	23	80
MA		20	6	14	86

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BA	100%	0	0
MA	100%	0	0
Ph. D	100%	0	0

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET	SLET	Civil services	Defense services
7	4	19	4

29. Student progression

Student progression	Against % enrolled
UG to PG	73%
PG to M.Phil.	20%
PG to Ph.D.	10%
Ph.D. to Post-Doctoral	5%
Employed	
• Campus selection	2%
• Other than campus recruitment	25%
Entrepreneurship/Self-employment	50%

30. Details of Infrastructural facilities

Resources in the Department					
Resources	Items	No's	In Use	Damaged	Remarks
Library	Books	2291	2291	Nil	
	Journals	8	8	Nil	
Computers	Desk top	6	4	2	
	Laptop	2	2	Nil	
Printers	Laser		3	2	1 damaged Inkjet,

					1 damaged Dotmatri cs
Multimedia Projector	DLP		4	1	
OHP			Nil	1	
Interactive Board			2	Nil	
TV with Home Theatre			1	Nil	
Public address System	1 Amplifier, 2 Small Speaker, 1 Microphone (wired), 1 Microphone (Wireless)		1	Nil	

31. Number of students receiving financial assistance from college, university, Government or other agencies-

Programme	Total students	Financial assistance	Remarks
UG	115	100	
PG	30	28	

32. Details on student enrichment programmes (special lectures /workshops /seminar)with external experts

Items	Conducted
ICPR Lectures	9
Expert Talk	5
Yoga training programme	2
Health awareness programme	2

33. Teaching methods adopted to improve student learning

- Use Multimedia Projector with Audio Visual Communications
- Use Smart Board

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

1. Participate as presiding officer state and national level election
2. Conducted awareness programs for local body development

35. SWOC analysis of the department and Futureplans

Strength	Weakness	Opportunity	Challenges
Seven Teachers are Scholars in Philosophy and engaged in Inter Disciplinary Research Works Teachers have skills in Setting Multimedia Projector and Public Address System	Narrow Class room for UG I&III Year I Year Student Ratio is High	Department is Research Centre Provide Ph. D Facilities Teacher in the College Provide Environment for Research Activities	No Teaching Opportunity in Higher Secondary Rare Subject Limited in a few Colleges

Future Plans:

- 1) A Short Term Course for Meditation and Yoga
- 2) A Counselling Centre for Stress Management (Student).
- 3) A Yoga Club

12. DEPARTMENT OF PHYSICS

1. **Name of the department** : Physics
2. **Year of Establishment** : 1957
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters;Integrated Ph.D.,etc.):** B.Sc. Physics (Core)
4. **Names of Interdisciplinary courses and the departments/units involved:**
Offers the Open Course “Amateur Astronomy and Astrophysics” for students from other Departments.
5. **Annual /semester/ choice based credit system(programme wise):** Choice Based Credit and Semester System
6. **Participation of the department in the courses offered by other departments:**
The Dept. offers complementary courses for Chemistry and Mathematics Core students.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
8. **Details of courses /programmes discontinued (if any)with reasons :** Nil
9. **Number of teaching posts**

	Sanctioned	Filled
Asst.Professors	4	4

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	No.ofYears of Experience
Vijayakrishnan M V	M.Sc.	Assistant Professor	Physics	10 yrs
Dhandapani K R	M.Sc. B. Ed,	Assistant Professor	Physics	9 yrs
Ramabadrans C D	M.Sc. B. Ed,	Assistant Professor	Physics	5 yrs
Prasia P	M.Sc.	Assistant Professor	Physics	4 yrs

11. **List of senior visiting faculty:** Nil

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Nil
13. **Student-Teacher Ratio(programme wise):**B.Sc. Physics – 48:1
14. **Number of academic support staff (technical) and administrative staff;sanctioned and filled:** Lab Staff Sanctioned – 2; Filled - 2
15. **Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG:** PG - 4
16. **Number of faculty with ongoing projects from a)National b)Internationalfunding agencies and grant srceived:** Nil
17. **Departmental projects funded by DST-FIST;UGC, DBT, ICSSR ,etc. and total grants received:** One (UGC Minor Research Project; Rs. 30000/-; Total amount received Rs. 20,000/-)
18. **Research Centre /facility recognized by the University:** Nil
19. **Publications:**

a) **Publication per faculty:** Prasia P., Asst. Professor – 2

20. **Areas of consultancy and income generated:**

Extension activities:

- (1) The year 2015 was declared by the United Nations as the International Year of Light and Light Based Technologies. In connection with this, the Department of Physics, Govt. College, Chittur, in collaboration with Kerala Sasthra Sahithya Parishad, organized an exhibition in ‘Optics’ at Govt. Victoria Girls Higher Secondary School, Chittur during 9-11-2015 to 12-11-2015. The Programme was inaugurated by Dr. Reji T., Assistant Professor, Dept, of Mathematics, Govt. College, Chittur. It attracted lot of public attention and students from several Schools attended the programme. Students from the Department of Physics were volunteers in explaining the various optical instruments and their working.
- (2) In view of the International year of light, the Dept. organized an intercollegiate presentation competition on 28 September, 2015. The topic for the presentation was “Incandescent to LED”. The judges were Smt. Ambili Krishnan, Asst. Prof in Physics, Govt. Victoria College, Palakkad and Smt. Prasia P, Asst. Prof in Physics, Govt. College, Chittur. There were participants from various colleges across the state.
- (3) **Some faculty members of the Department were invited as subject experts to several institutions and served as resource persons to various programmes. The details are as follows.**
 - (a) Resource Person for the Faculty Development Programme for Higher Secondary Physics Teachers conducted by the Directorate of Higher Secondary Education at St. Teresa’s C.G.H.S.S, Ernakulam on 31-1-2012.

- (b) Resource Person for the Faculty Development Programme for Higher Secondary Physics Teachers conducted by the Directorate of Higher Secondary Education at M.T.S.H.S.S, Kottayam on 24-1-2012 and 25-1-2012.
- (c) Subject expert for the Faculty Development Programme for Higher Secondary Physics Teachers conducted by the Directorate of Higher Secondary Education at St. Teresa's C.G.H.S.S, Ernakulam on 31-1-2012.
- (d) Subject expert for the Faculty Development Programme for Higher Secondary Physics Teachers conducted by the Directorate of Higher Secondary Education at Govt. Boys Higher Secondary School, Aluva on 7-12-2010.
- (e) Has delivered lectures on Quantum Mechanics for Post Graduate students of the Post graduate and Research Department of Physics, Sacred Heart College, Chalakudy, Thrissur on 22nd January, 2011 and 14th March, 2011 and on 8th & 9th April, 2014
- (f) Has delivered Lecture on “Variational Method : An Approximation Method In Quantum Mechanics” for M.Sc. Students at Post Graduate and Research Department of Physics, Vimala College, Thrissur, Kerala on 19/11/2014
- (g) Talk on “ Introduction to Acupuncture’ at N.S.S. Camp at Govt. Victoria Girls Higher Secondary School, Chittur on 23-12-2014
- (h) Talk on “ Sujok Therapy” at N.S.S. Camp at Govt. Victoria Girls Higher Secondary School, Chittur on 24-12-2015
- (i) Talk on “Applications of Physics in Daily Life” at Dept. of Physics, Mount Seena College, Akalur, Pathirippala
- (j) Judge for Kerala State Science Festival held in October 25-27, 2016
- (k) Subject expert for the Faculty Development Programme for Higher Secondary Physics Teachers conducted by the Directorate of Higher Secondary Education at Govt. Higher Secondary School, Big Bazaar Road, Palakkad on 24-11-2016.

Consultancy Activities:

Several Faculty members have guided projects for post graduate students from other institutions. Currently, there are five projects ongoing in the academic year 2015-2017 for Post graduate students from Mercy College, Palakkad, and NSS College, Ottapalam.

- 21. **Faculty as members in a) National committees b) International Committees c) Editorial Board:** One faculty has been member of the Board of Studies for Biophysics, University of Calicut, during 2010-2013 and is currently member of the Board of Studies for Physics (UG), University of Calicut.
- 22. **Student projects**
 - a) **Percentage of students who have done in-house projects including inter departmental/ programme- Nil**
 - b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies- Nil**
- 23. **Awards/Recognitions received by faculty and students: Nil**
- 24. **List of eminent academicians and scientists / visitors to the department-**
Prof. B. Mohammed Musthafa, Research Coordinator, IRCTC, Mundur, Palakkad

Dr. B V R Tata, Visiting Professor, IIT, Palakkad

25. Seminars/Conferences/Workshops organized & the source of funding.

a) **National** – National Seminar on “Recent Trends in Physics”, 2013, October 21-22; National Seminar on “Cosmic Light: Celebrating the International Year of Light and the Centenary of General Relativity”, Nov. 24-25, 2015; Both funded by Directorate of Collegiate Education

26. Student profile programme/course wise:

Nameofthe Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2007 – 2010	1300	21	8	13	88
2008-2011	1795	25	4	21	92
2009-2012	1220	20	7	13	92
2010-2013	1755	24	8	16	92
2011-2014	1825	25	6	19	98
2012-2015	1800	27	6	21	98
2013-2016	2300	21	10	11	85

*M=Male *F=Female

27. Diversity of Students

Nameofthe Course	%of students fromthe samestate	%ofstudents fromother States	%of students from abroad
B.Sc. Physics-2007-2010	96%	4%	0%
B.Sc. Physics-2008-2011	96%	4%	0%
B.Sc. Physics-2009-2012	100%	0%	0%
B.Sc. Physics-2010-2013	100%	0%	0%
B.Sc. Physics-2011-2014	100%	0%	0%
B.Sc. Physics-2012-2015	100%	0%	0%
B.Sc. Physics-2013-2016	100%	0%	0%
B.Sc. Physics-2014-2017	100%	0%	0%

28. How many students have cleared national and state competitive

examinations such as NET,SLET,GATE,Civilservices,Defenseservices,etc.?
One student is currently Assistant Commandant in Indian Coast Guard.

**29. Student progression
2013-2016**

Student progression	Number of Students / Total
UG to PG	10 / 21
PG to M.Phil.	NA
PG to Ph.D.	NA
Employed	Nil
• Campus selection	
• Other than campus recruitment	

2012-2015

Student progression	Number of Students / Total
UG to PG	9 / 28
PG to M.Phil.	NA
PG to Ph.D.	NA
Employed	4 / 28
• Campus selection	
• Other than campus recruitment	

2011-2014

Student progression	Number of Students / Total
UG to PG	11/24
PG to M.Phil.	NA
PG to Ph.D.	NA

Employed • Campus selection • Other than campus recruitment	1/24
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2010-2013

Student progression	Number of Students / Total
UG to PG	15/24
PG to M.Phil.	NA
PG to Ph.D.	NA
Employed • Campus selection • Other than campus recruitment	1 / 24

30. Details of Infrastructural facilities

a) **Library** – the Library has extensive collection of books and Journals. The students also have access to INFLIBNET resources and each student has been given a username and password. At present, there are about 3000 books and subscription to 12 journals.

b) **Internet facilities for Staff & Students:** Internet available for both staff and students; Separate Computer lab with internet facility for students

c) **Class rooms with ICT** – One smart class room

d) **Laboratories** – One Fully equipped lab with separate dark room for optical experiments

31. Number of students receiving financial assistance from college, university, government or other agencies:

32. Details on student enrichment programmes (special lectures/workshops / seminar) with external experts

- The Department organized an invited lecture on “Survey Based Research in Astronomy” by Dr. Vivek M., Post doctoral Fellow, University of Utah on 10-11-2016.
- There was also an invited lecture by Dr. B.V.R. Tata, Visiting Professor, Indian institute of Technology, Palakkad, Kerala on 9-12-2016. The topic was “Photonic Crystals”.
- On the eve of the celebrations of the International Year of Light, an invited talk was organized by the Department on “Recent Trends in Nano Photonics”. The talk was inaugurated by the Principal, Sri. Sethumadhavan M P. The Talk was by Dr. Pradeesh, Asst. Prof in Physics, Govt. Victoria College, Palakkad.

33. Teaching methods adopted to improve student learning:

Lectures are held regularly in smart class room. Some faculty gives online assignments to students. All students are supplied with username and password for access to inflibnet. Students re encourages to use inflibnet resources for updating knowledge and for assignment work and student seminars.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

The Department has conducted Sky watching sessions for general public. “Observing the Night Sky” in February, 2010 and “Night Sky Watching” in January, 2015. The Department organized an exhibition highlighting the International Year of Light on November, 2015 at Govt. Victoria Girls Higher Secondary School, in collaboration with Kerala SasthraSahithya Parishad. Some faculty members have given lectures to PG students of other Colleges and some faculty members have been resource persons to several educational activities. Several **faculty members of the Department were invited as subject experts to several institutions and served as resource persons to various programmes.** Several Faculty members have guided projects for post graduate students from other institutions. Currently, there are five projects ongoing in the academic year 2015-2017 for Post graduate students from Mercy College, Palakkad, Deva Matha College, Kottayam and NSS College, Ottapalam.

**35. SWOC analysis of the department and Futureplans –
Strengths**

- Well equipped lab and library facilities.
- There is a separate computer lab with internet facility for students.
- All students are provided with access to inflibnet resources.
- The smart class room is regularly used.
- The department has a modern Telescope also which is used for extension and consultation activities.
- The Department organizes seminar talk by students once in every month and thus encourages the use of smart board by the students also.
- A large percentage of students go for higher studies in the subject itself and some of them have pursued their higher studies in renowned institutes of the Country.

Weaknesses

- Limitations of infrastructure
- Absence of Post Graduate courses

Opportunities

- Students can have ready access to internet facilities and can access international journals through inflibnet.
- The Dept. subscribes to 12 journals, both national and international. This can be utilized by the students to keep themselves updated with the latest developments in the field.
- The Dept. can conduct extension programmes using the telescope and also lab equipment for popularization of science in the society through conducting exhibitions and such activities.

Challenges

- The rapid increase in the usage of web based resources and ICT in teaching and learning has to be fully utilized for the benefit of students.
- Since most students are from rural areas, they have to be made adept in using

computer related technologies and there has to be extra effort from such students in this regard.

- The rural background of students stands in their way of going for higher studies, especially outside the state. Both the students and more importantly, their parents, have to be convinced of the benefits of such studies.

Future Plans – The Department plans to start Post Graduate courses at the earliest and steps are being taken for this. Efforts are on to modernize the lab so as to offer consultancy services to research groups from other institutes.

13. DEPARTMENT OF TAMIL

1. Name of the department : Tamil
2. Year of Establishment : 1947
3. Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters;Integrated Ph.D.,etc.): U.G, P.G, Ph.D
4. Names of Interdisciplinary courses and the departments /units involved: Nil
5. Annual/semester/choice based credit system (programme wise):UG,PG Semester
6. Participation of the department in the courses offered by other departments: Yes
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: No
8. Details of courses /programmes discontinued (if any)with reasons: Nil
9. Number of Teaching posts

	Sanctioned	Filled
Asst.Professors	09	09

10. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)

Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D. Students Guided for the last 4 years
Dr.G.Muthulakshmi	M.A,M.Phil, B.Ed, Ph.D	Asst. Prof	Folklore, Modern Litt.	11	Nil
Dr.P.Murugan	M.A,M.Phil, B.Ed, Ph.D	Asst. Prof	Folklore,Sangam Litt Modern Litt, Grammer	11	4
Dr.K,Sivamani	M.A,M.Phil, B.Ed, Ph.D	Asst. Prof	Modern Literature,	11	3
Dr.T.Kavitha	M.A,M.Phil, B.Ed, Ph.D	Asst. Prof	Folklore,	10.5	Nil
Dr. N.Manoharan	M.A,M.Phil, B.Ed,Ph.D	Asst. Prof	Epic Literature,	9	N.A

T.Sujatha	M.A, , B.Ed.	Asst. Prof	Epic Literature,	6	N.A
G.Kathiravan	M.A,	Asst. Prof	Ancient Literature, Criticism,	6	N.A
Dr.A.Vijayan	M.A,M.Phil , B.Ed, Ph.D	Asst. Prof	Modern Literature,	4	Nil
Ms.S.Fathima	M.A, M.Phil	Asst.Prof	Modern Literature	4	N.A

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty: N.A
13. Student-Teacher Ratio(programmewise): 12:01 for UG, 03:01 for PG
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
15. Qualifications of teaching faculty with DSc /D.Litt/Ph.D/MPhil/PG.:
Ph.D- 05, MPhil-02, P.G- 02
16. Number of faculty with ongoing projects from a)National b)International funding agencies and grants received: 6 no.s; details given below

• Minor Projects

Name of Faculty	Duration	Title of the Project	Name of the Funding Agency	Total Grant		Total Grant received date
				Sanc tioned	Receive d	
Dr.G.Muthulaksh mi	2015-16	A Comparative Study of Creative Literature in Tamil and Malayalam with Special Reference to Bharathiyar and Kumaranashan	UGC	60000	40000	ongoing
		The Sangam Traditions in	CICT			ongoing

	2012-13	Lives of Tribes of Coimbatore District	Chennai ,	250000	175000	
Dr.N.Manoharan	2014-15	Translations of Tamil Classics in to Malayalam History & Translation Methods	CICT Chennai	250000	200000	ongoing
	2010-11	Studies on Manimekalai and an Annotated Bibliography	UGC	140000	140000	complete d
Dr.T.Kavitha	2013-14	Ancient Tamil Lore in Tribal Languages of Palakkad Region	CICT Chennai ,	250000	100000	ongoing
V.Ravi	2010-11	Tamil Folklore in Kerala -The Ballad of Nallma Pattu - Aspect of Historical and Geographical Theory	UGC	145000	145000	complete d

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: 02 –UGC, 04-CICT

18. Research Centre / facility recognized by the University: Yes, Department

19. Publications:

* a) Publication per faculty:

Dr.G.Muthulakshmi

Book Publication

- Muthuvar Vazhviyal 2016 Thirukural Pathippakam, Chennai with ISBN No.819077399-2.

Journal Publication

- Ezhuthukkalin Pirappiyal Sep-2006 Nedumpunal.
- Pathupattukattum Tamilar Vanipam May 2007 International Society of Tamil Cultural Studies.
- Pattipalaikattum Tamilar vazhviya 2008 Yazhini pathippakam.
- Siththarpadalkalil Iramatchi Dec 2008 SS.Society & Sree Agasthya Gnana Peedam
- Tamil -Malayala Pazhamozhika Dec 2008 AE Publications Coimbatore.
- Vairamuthupadalkalil samuthayam 2008 Ainthamil Aivalar mantram, Madurai.
- Arinjar annavin kathal jothi a study Feb 2009 Annamalai university

Paper Presentations

- Two Days National Seminar, MGR College, Hosur on 22/03/2007 23/03/2007 - CICT,Chennai.
- Three Day International National Seminar Sathyabhama University, Chennai.26, 27, 28 Dec-2008.
- S.S.Sidha & Sree Agasthya Gnana Beedam ,One Day National Seminar KM College Erode, 29 Dec 2008.
- KM College ErodeTwo day National Seminar University college Tvm, March 2006.
- One day National Seminar, GCC, Chittur ,July 2006 Sahithya academy.
- One day National Seminar,GVG, Udumalai, 25 Sep 2006,Sahithya academy
- Two day National Seminar,NGM College, pollachi,29, 30 Jan 2007, Sahithya academy
- Two day National Seminar,GCC, Chittur, Feb 7,8,,UGC
- Three day National Seminar,GCC, Chittur,20,21,22, Feb 2007.
- Two day National Seminar,PSG College,Coimbatore.
- One day National Seminar,APA College Pazhani, March 2012
- Two day National Seminar,University College, TVm, March 2013, Paper Presented
- National Seminar,GCC, Chittur Paper Presented
- National Seminar University of Kerala, Kariavattom, March 2014.
- Three Days National Seminar, Govt. Victoria College, Pkd, 14 Nov 2014, DCE
- Two day National Seminar ,Govt. Victoria College, Pkd, 14 Nov 2015, Paper Presented,,DCE
- Two day National Seminar, Govt. College, Attappady, 16 Dec 2015, DCE
- National Workshop, University of Kerala, University of Kerala.
- National Workshop, Govt. Victoria College, Pkd,, CIIL, Mysore.
- National Workshop, Coimbatore,, CIIL, Mysore.
- National Workshop, Govt. Victoria College, Pkd,, University of Calicut.
- National Workshop, Govt. College Chittur, Participated, University of Calicut.

- National Workshop, Govt. College Chittur, CICT, Chennai.
- National Seminar, Govt. Victoria College, Pkd, 1, 2, Dec 2011, DCE
- National Seminar, Govt. College Kozhijampar, 29, 30, Oct 2014, DCE
- National Seminar, Govt. College Kozhijampar, Jan 2016, DCE
- Three Days National Seminar, Govt. Victoria College, Pkd, 1, 2, 3 Dec 2016, DCE

Dr.P.Murugan

Journal Publication

- Padarmelinthirangal 28-January -2015- ISBN:978-81-925708-2-2 **Tamil section, Directorate of Distance Education**, Annamalai University, Chithambaram.
- Nedunnaalvaadai vuraithiran 26th to 28th March 2015 ISBN:978-93-84743-97-0 CICT, Chennai & Dept of Tamil, NGM College, Pollachi.

Paper Presentation

- Ten days ,Workshop, Keralathil Cilappathikaram: Vaymozhi Marabu, Chadangu marabu Nikazhthukalai Marabu Govt. College Chittur on 29.01.2015 to 07.02.2015 Participated CICT, Chennai.
- Three days National Seminar Thamili seveyal ara elakkiyalum pandatukkurugalum
- Govt. College chittur on 11.03.2015 to 13.03.2015 Paper Presented Chennai Institute of Classical Tamil, Chennai
- Two day National Seminar, 16, 17, Nov. 2015, Drama in Tamil Govt. College, Chittur Paper Presented DCE , Tvm, Kerala
- Two days National Seminar, Transcreation Literature in Tamil Govt. Victoria College palakkad on 12.11.2015 to 13.11.2015 Paper presented DCE, Tvm, Kerala.
- Three days National Seminar, Theoretical Approaches on Modern Literature in Tamil & Malayalam Govt. College Chittur on 2, 3, 4, December, 2015 Paper presented UGC, New Delhi
- Two days National Seminar, Nattuppurakkalikal Govt Arts & science College for Women, Dharmapuri, 09.09.2015 Paper presented Organised by Govt. Arts & Science College for Women, Dharmapuri.
- One day International Seminar Tamil elakkiyathil Nattupura makkalin valliyal koorukal APW Arts College, Palani , 12.02.2015 Paper presented Organised by , APW, Arts College Palani
- One day, Seminar, Tholpavakoothu Govt. Victoria College Palakkad 08.03.2016 Paper presented Organised by Govt. Victoria College Palakkad
- Teacher Training Institute, (10 days Camp) Topic. Modern Literature Poetry Govt. TTI, Chittur, 27.05.2016 Paper presented Organised by, Govt. TTI, Chittur.
- Three day National Seminar Govt. Victoria college, pkd 1, 2, 3, th Dec 2016 Paper presented DCE TVM.
- Three day National Seminar Govt. College Chittur 7, 8, 9, th Dec 2016 Participated DCE TVM

Dr.K.Sivamani

- Sanga ilakkiya uraikal ,National seminar,Irupathaam nuutraantu sangka ilakkiya uraiyaasiriyarkal Dept. Of tamil, n.g.m. college, pollachi ., cict chennai march 27, 2015.
- Tamil sevviyal ara ilakkiyangkalum keralap panpaattuk kuurukalum,National seminar – panitathangkalum thirukkuralum,Cict chennai Govt.college, chittur . 2015 march.11.
- Sanga ilakkiyaththil nun kalaikal ,National seminar – sanga ilakkiyaththil neythai kalai Dept. Of tamil, n.g.m. college, pollachi . cict chennai march 27, 2015.
- Kotpaattiyal nookkil tholkaappiyam , national seminar – vetchi thinai: tholkaappiyam purapporul venbaa malai oppu nokku cict. Chennai govt.college, chittur. 2015 feb 28.
- Thirumanthiraththil valluvar koorum arangkal,national seminar – siddar ilakkiyangkalil vaazviyal dept of tamil, annamalai university, 2014 march 27
- Iraamakaathaiyil valluvar koorum inamarithal,international conference –thurai rhoorum kampan kampan tamil research centre, kampan mani mandapam, kaaraikkuti 2014 march 15 & 16.
- Kural koorum natpum iraama kaathaiyum,international seminar – oppiyal nookkil ulakap pothumarai,scot. Christian college, nagarkoil Kalluuri aasiriyar kumarith thamiz sangkam, 2014 march 07 & 08
- Thondaratippotiyaazvaar – maanikkavaasakar – iramalingkar paatalkalil oppumaik kuurukal national seminar – vainava ilakkiyangkal panmukap paarvai dept of tamil, annamalai university, 2014 march 27
- Ayodya kaanta aazkatalul thirukkural muththukkal, international seminar – kaalawthoorum kampan kampan tamil research centre, kampan mani mandapam, kaaraikkuti,2013march 23 & 24
- Kural koorum natpum iraama kaathaiyum,national seminar– thirukkural 200th publishing year sundara swamigal thamizayvu maiyam,Oolais suvadith thurai,Tamil university, tanjavur 2013 april 26-28,
- Annam vitu thoothu ithazk kavithaikalil theerthal siwthanaikal national seminar,dept of tamil, madurai kamaraj university, madurai 2011 may 21 & 22
- U.ve.saa potriy penpaar pulavarkal ,national seminar –u. Ve. Saaminatha aiyarin thamizpanikal dept. Of tamil, annamalai university.2011 march 16 & 17Sirpiyin kavithaikalil patimam national seminar,noorul islam university campus, nagerkoil,2010 may 15 & 16
- Kunankutiyaar – vallalar paatalkal sila oppumaik kuurukal, national seminar – vallalar pataippukal panmukap paarvai,dept. Of tamil, annamalai university ,,2010 march 17 & 18,
- Sangap pulavarkalin thanmaana unarchi,,national seminar – inthiyap panpaattu uruvaakkaththirku thamizin pangkalippu, dept. Of tamil, goct.college, chittur.,cict, chennai 2009 march 5-7.

Dr.T.Kavitha

Book publication

Malasar Pazhankudikal- ISBN No.819078630-x, 2011

Paper Publications

- Silambil inavaariviyal Nov 2015,ISBN 978-81-928302-3-0,**Tamil ilakkiyangkalil pira thuraikal.**
- Meekalaiyil inavaariviyal ,Dec 2015,ISBN 978-93-81006-06-01 Tamilar valviyal marapum maatramum, Peraasiriyar sundarampillaiyin pataippuththiran ,Dec 2015 ISBN 978-93-81006-05-4 Thenpaandi naattup pataippaalarkalin samuuklas sinthanaikal.
- Pazhawthamizp panuvalkalil patuporul maarrangkal Dec 2015 ISBN 978-81-7966-414-8 Multifarious trends in Literature
- National seminar on Aithamil Aayvaalar Mantram 24-1-2009.Sirpiyin Kavithaikalil mazhai chadankukal Paper presented Mathurai IV th Tamil Sangam Senthamil Kallurai
- National Seminar on Arinjar Anna Padaipukal Panmuga Parvai, Tamil Dept. Annamalai University 26-2-2009 vaazhakala -chevazhai Paper presented Annamali university.
- National Seminar on Kongu Velanmai Vazhakkarukal Dept. of Tamilology Bharathiyar University Coimbatore 12-11-2009 Mallandi Sami KadhaiPaper presented UGC NEW DELHI.
- National seminar on Aithamil Aayvaalar Mantram,Madhurai Dept of Tamilology university of Gandhi Puram,Dindukal 6-3-2010 Sirpiyin Nazhuvum Paruvam paper presented Unarthum Seythikal Gandhi Gramam University , Dhindukal.
- National seminar on kongu nattupuraviyalum puzhangu porul Pampadum Dept of Tamil Bharathiyar University ,Kovai. 10-2-2011.
- National seminar on "Tamizhiyal 2011 , Dept of Tamil, PGP Arts & science college Namakkal. 26-3-2011."Puram kattum manithaneyam" Paper presentedPGP Arts &Science College Namakkal
- National Seminar on "Kalanthorum Kappiyangal"- Dept of Tamil Annamalai University. 31-3-2011"Kattiyangaran Kudilan Pathirangal" Paper peresented UGC NEW DELHI
- National Seminar Indian University Tamil Teacher Association's 42th National Seminar M K University Madurai .21-5-2011"Sirpiyin Ilam Paruva Thozhan" Paper presented Madurai Kamaraj University
- IVth World Sidhar Philosophy Research Conference ,Lathamathavan Eng. College ,Madhurai. 22-5-2011"Sidhar Katum Penmai" paper presented,Madurai Kamaraj University.
- National Seminar on Journalism and Mass Communication ,Dept of Tamil GVC, Palakkad. 2-12-2011"Ilakkiyathil Thakaval Thodarpiyal" paper presented, Directorate at Collegiate Education Govt of Kerala.
- Wokshop on "Testing and Evaluation,Dept of Tamil GVC ,Palakkad. 28-1-12 to 29-2-12 "Testing and Evaluation" Paper presented Central Institute of Indian Languages Mysore.
- National Seminar on" Tamilarin VaalviyalPathivukal" dept of Tamil A P A. C. P. College Palani. 16-3-2012 "Avalapaadalkalil Penkalin vaalviyal Avalam" Paper presented Devasam Board Palani.
- International Seminar on Tamil Ilakkiya Vakaimaikalum Samuga Choozhalkalum, Madhurai Kamraj University Madhurai. 4-5-2012"Oppaari Paadalkalil Samooka Pathivukal" paper presented Madhurai Kamaraj University, Madhurai.

- International Seminar on "Valar Tamil Aayvu Mantram" G.V.G Visalatchi College, Udumalai. 12-5-12 "Aval Paadalkalil Oruvakanalan" Paper presented
- International Seminar on "Bharathiyar Panmuga Parvai "Vaaniyampadi Bharathi Tamil Sangam. 23-5-12 "Bharathi Parvayil Avai" Paper Presented Semmodai Pathipagam, Chennai.
- National Seminar on "Jnana Peeda Puraskaaara Parampara" Malayalam dept Maharaja's College Ernakulam 2-2-2013 "Akilan Kiruthikal Oru Padanam" Paper presented Maharaj's College Ernakulam.
- National Seminar on "Tamil short Stories -A Critical View " Dept of Tamil University College TVM. 26-3-2013 "Dialectical short Stories A Critical View" Paper presented UGC, NEW DELHI
- National Seminar 18-10-2013 to 19-10-2013 Paper presented on the Topic of Irattakappiangaal katral karpithal thiranaarithal National Testing Service & Central Institute of Indian Language.
- International Conference DEC 2013 Tamililakkiya panpadukalum matranganalum Malaya university with semmoothai. kongunadu Coimbatore. Three days National Seminar Govt. College Chittur 2nd December 2015 Paper presented UGC New Delhi
- International Conference KSV coimbatore DEC 2015 Paper presented Malaya university with semmoothai.
- International Conference kongunadu college Coimbatore DEC 2015 Paper presented Malaya university with semmoothai.
- THREE days National Seminar Govt. Brennen College, Thalesseery 1.2.3 th Nov 2016 Paper presented DCE Sponsored.
- Three days National Seminar Govt. College Chittur 2nd December 2015 paper Presented DCE TVM

Dr.N.Manoharan

- Pazhanthamizh Ilakkiyangalil Kalvi Chinthanaikal 2016 International Institute of Tamil Studies, Chennai.
- Proceedings of Three day National Seminar on Theoretical Approaches on Modern Literature in Tamil & Malayalam _ **Co Editor** 2016 Dept of Tamil & Research Centre Govt College Chittur.
- Inthiya Ilakkiyak Kolkai Choozhal Poruththam 2012 Matru Pathippakam Chennai Pantai Thail Camookathil Kalvi 2009 Maatru, Chennai.
- Dravita Iyakkam Sila Uraiyaatalkal 2008 Parisal, Chennai.
- Tholkapiyath Thinaikko Kotpatu Ayyappa Panikar Aayvukalai Munniruththi 2014 NGM College m Pollachi
- Velliveethiyar Pataikal Mozhiyum Nataiyum 2015 ISBN 978-93-8528-301-7.
- Manimekalia Uraikal Meezh Paarvai 2015 ISSN 2349- 1914.
- Malayala Ilakkana Uruvakkathil Tholkappiyam 2015 ISSN 2394 -6385 (print) ISSN 2394 – 6393 (Online)

Ms.T.Sujatha

- Paper Published on Pazhantamil ilakkiyangalil nadukarkal, 2015, Chemmuthai pathipakam. Two day national Seminar, Govt. Victoria College, Pkd, 02/12/2011, Participated, DCE, Tvm.

Sri.G.Kathiravan

Book Published

1. kavari karumai kaalamegam- 2014,Rajaguna Pathippagam, Chennai, 2014
2. ya:nai pizhaiththa ve:l-2009.Kannal Pathippagam, Salem 2009

Ms.S.Fathima

Journal publishing

Tamil Ilakkiyangalil Panpattu Pathivukalum Maatrangalum.Dec 2013.ISBN 978-93-81006-72-6.Semmuthai Pathippakam

Kalanthorum tamar nagarikamum panpadum.Apr 2014.ISBN 978-93-81006-77-1.Semmuthai Pathippakam

Tamil Malayalam Novalkalil Pazhamozhikal oru oppaivu.May 2014.ISSN 2320-589X.**Chempulam** an International Tamil Research Quarterly Journal

Aadu vazhkkayil Gulfinism,July- September 2014,ISSN 2249-1961,Sirredu Quarterly Journal

Ittykoravin pattinampakkam.com,October- December 2014,ISSN 2249-1961,Sirredu Quarterly Journal

Asamayam,September,2016,ISSN 2278-1641,-Puthupunal monthly Journal

Tamil ilakkiyankalil kalanthorum paduporul matrangal,Dec 2014,ISBN 978-93-80800-37-0 Department of Tamil, Kongunadu college ,Kovai

Varalaru padaiththa tamil puthinangal.July 2015.ISBN 978-81-930633-0-09.Tamil Ayya Publishers, Thiruvaiyaaru

Tamil Pirathuraikal.Nov 2015.ISBN 978-81-928302-3-0.Dept. of Tamil, Karpagam Academy og Hr. Education, Coimbatore

Tamil ilakkiyankalil kalanthorum manuda vizhumiyangalum Kalaikoorukalum.Dec 2015.ISBN 978-93-80800-59-2,Department of Tamil, kongunadu college ,kovai

Proceedings -Multifarious trends in Literature.16,17th Dec 2015 .ISBN 978-81-7966-414-8.Dept.of Tamil, RGM, Govt.college, Attappady

N.Subbureddiarin padaippukal- kaliyum karuthiyalum,July 2016,ISBN 978-81-932327-8-1,Department of Tamil, kongunadu college ,kovai

Kumaranasan kavithaikalil karuththum karuthiyalum,Dec 5th 2016 ISBN No.

***Number of papers published in peer reviewed journals (national/ international) by faculty and students: 08 nos with ISSN No.**

20. **Areas of consultancy and income generated:** Nil
21. **Faculty as members in a) National committees b)International Committees c)EditorialBoard :**
 1. Dr.N.Manoharan – in Editorial Board of Mattru Veli Journal
22. **Student projects**
 a) **Percentage of students who have done in-house projects including inter departmental / programme: 100%**
 b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories /Industry/other agencies: 3 Nos**
23. **Awards /Recognitions received by faculty and students: 03**
 01). Dr. N.Manoharan –Bhasha Bhushan Award – for best translation
 02)Mr. G. Kathiravan – Tamilnithi – for Good Tamil Scholar
 03) Ms. S.Fathima – Tamil Chemmal from Pondicherry Tamil Sangam
24. **List of eminent academicians and scientists /visited he department**
 75 Scholars visited our department
25. **Seminars /Conferences /Workshops organized & the source of funding**
 a) **National Level**

Number of Seminar	The source of funding
1	UGC
7	DCE, TVM
3	CICT, Chennai

Number of Workshop	The source of funding
3	CICT, Chennai

26. **Student profile programme/course wise:**

UG

Period of the Course/programme	Appln Received	Selected	Enrolled		Pass percentage	Appln Received	Selected	Enrolled		Pass Percentage
			*M	*F				*M	*F	
			2009-10	70				20	08	
2010-11	85	12	02	10	92%	25	14	04	10	100%
2011-12	100	19	09	10	89%	10	04	00	04	100%

2012-13	95	18	06	12	83%	15	06	02	04	100%
2013-14	80	20	07	13	90%	30	14	03	11	100%
2014-15	100	18	02	16	94%	25	07	05	02	100%
2015-16	100	22	05	17	95%	50	15	04	11	100%

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
U.G	100%	0%	0%
P.G	100%	0%	0%

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NET Completed Students : 18

JRF Completed Students : 6

29. Student progression

Student progression	Against % enrolled
UG to PG	60%
PG to M.Phil.	25%
PG to Ph.D.	25%
Ph.D. to Post-Doctoral	5%
Employed • Campus selection • Other than campus recruitment	25%
Entrepreneurship/Self-employment	50%

30. Details of Infrastructural facilities**a) Library**

Books: 15000

Magazines : 12

Yes

Periodical Journal : 03

b) Internet facilities for Staff & Students

Yes

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Yes

1. Translating the documents into English vice versa to the People .
2. Participating the Election Duty for nation .

35. SWOC analysis of the department and Futureplans

Strengths

1. PG Department and Research Centre
2. Majority Faculties with Doctorate
3. Some Faculties are Poets and Writers and also published books.
4. Well furnished Library
5. Most of the Faculties are Members of Board of Studies
6. Some faculties are members of faculty members in Calicut university
7. Some faculties are members of board of studies in other university

Weakness

1. Low internet Speciality
2. No Smart classroom
3. No Language Lab
4. No M.Phil. Degree
5. Lack of Infrastructure

Opportunities

1. Job oriented Courses
2. Mphil and Ph.D.

Constraints

1. Lack of attention due to Linguistic Minority
2. Insufficient number of Class rooms
3. Insufficient Computers with Multimedia software
4. No Rest Rooms for faculty as well as students in Department
5. Students coming from Socially Economically Background

Future Plan

1. M.Phil. Course
2. Certificate Courses
3. Diploma Courses
4. Post doctoral Courses
5. Initiate and Improve Project Works
6. Initiate Post Doctorate
7. Initiate and Improve External Activities
8. Department Journal
9. Publication Division
10. FM Radio
11. Conducting Refresher Course
12. Rectify the above constraints

24.1 List of eminent academicians and scientists /visitors to the Department of Tamil

Name	Designation	Address
Dr.Kurinji Venthan	Asst.Professor	Pondicherry

	&Producer of Documentary Film of Diasporas	
Sri.Meenakshi Sundaram	Journalist of Indian Express	Coimbatore
Sri.Vedachalam	Archeologist	Chennai
Smt.Santhakumari Sivakataksham	Writer	Chennai
Dr.T. Vijayalakshmi	Asst.Prof. Poet,novelist	Kerala uty, Tvm
Dr.Sivakadaksham	Cardiologist	Chennai
Kavinjar Karikalan	Poet	Viruthachalam
N.Murukesa Pandiyan	Writer	Madurai
V.Arasu	Professor	Madras university
Mr.A.Marx	Writer	Chennai
Dr.Su.Venugopal	Writer	Coimbatore
Dr.Avai Nayakam	Writer	Chennai
Dr.Azhakuselvam	Writer	Chennai
Ms.Valarmathi	Writer	Chennai
Mr.Muthunilavan	Poet	Puthukottai
Mr.ThangaMoorthy	Poet	Bharathidasan university, Trichy
Dr. Govindarajan	Professor	American college, Madurai
Sri.Sadananthan	Puppet show Artist	Palappuram
Smt.AmsaPriya	Poet	Pollachi
Dr.KS. Karuna Prasad	Dramatist	Chennai
Dr.K.R.Rajaravivarma	Professor	Central University,Pondicherry
Dr.K.Parthibaraja	Asst.Professor & Dramatist SHC	Thiruppathur
Mr.Nanjil Nadhan	Writer	Coimbatore
Mr.G.Padmanabhan	Professor	Dravidian, University, Kuppam, Andrapradesh
Dr.N.Gnanapazham	Retd. Professor	Pazhani
Dr.K.Mariappan	Professor	Dravidian, University, Kuppam, Andrapradesh
Dr.K.M.Anil	Professor	Calicut University
Dr.P.M Sreedharan Anjumoorthi	Professor	Kottayi
Dr.P.Gunasundari	Professor	BU college, Erode
Dr.K.Balaraman	Professor	GMASC, chennai
Dr.K.Sundaramoorthi	Asst.Prof	New college, chennai

Dr.R.Raman	Professor	GMASC, chennai
Mr.Sailapathi	Writer	Chennai
Dr.K.Raghuraman	Professor	GMASC, chennai
Dr.NVenkatesan	Professor	Annamalai University, Chidambaram
Mr.R.Sreenivasan	Author of Panuval Magazine	Chennai
Dr.S.Rajaram	Professor	Tamil University, Tanjavur
Dr.R.Aravindan	Professor	JNU, Newdelhi
Dr.L.Balasubramaniam	Professor	Madurai
Dr.A.Karthikeyan	Professor	Tamil University, Tanjavur
Dr.O.Balakrishna	Professor	Bharathiar University Coimbatore
Mr.K.Padmanabhan	Professor	Dhiravidian University Andra
Dr.Y.Manikandan	Prof	Chennai
Dr.Thulasi Ramaswamy	folklorist	Chennai
Dr.P.Maathaiyan	Writer	Chennai
Dr.V.Vedhachalam	Archeologist	Madurai
Dr.Arumuga seetharaman	Numismatist	Tanjavur
Dr.R.Poongundran	Archeologist	Madurai
Dr.T. Subramaniam	Archeologist	Madurai
Dr.K. Sreedharan	Archeologist	Madurai
Francis Kriba	Writer	Chennai
Mr.Palai Nilavan	Poet	Coimbatore
Mr.R.Jagadeesan	Archeologist	Coimbatore
Dr.O.Balakrishna	Professor	Bharathiar University Coimbatore
Dr.Abubakker	Asst.Prof	Govt.Arts college, Udumalaipet
Dr.P.Maathaiyan	Writer	Chennai
Dr.Bakthavathchala Bharathi	Anthropologist Writer	Pondicherry
Dr.M.Veda sahayakumar	Former Professor	Nagercoil
Dr.P.George	MCC	Chennai
Dr.A.Satheesh	IITS	Chennai
Dr.Chellan Govindan	Former Professor	Chittur
Dr.Thulasi Ramaswamy	folklorist	Chennai
Dr.Naduvattom Gopalakrishnan	Professor	Thiruvananthapuram
Dr.M.Ilamurukan	Writer	Tanjavur
Mr.M.S.Ramji	Asst.Professor	Tamil Unty, Tanjavur
Dr.P.Doctor Nazeemdeen	Professor	Tvm
Mr.NanjilNadhan	Writer	Coimbatore

Dr.R.Aravindhan	Professor	JNU, NewDelhi
Dr.V.Vedhachalam	Archeologist	Madurai
Dr.E.Muthaiyah	Prof	MKU, MDU
Mr.M.G.Suresh	Writer&Critic	Chennai
Veli.Rangarajan	Dramatist	Chennai
Mr.Perumal Murugan	Novelist	Namakkal
Dr.M.P.Balasubramanian	Professor	TVM
Mr.S.Damodaran	Chief.Edl.Officer CBC	

14. DEPARTMENT OF ZOOLOGY

1. **Name of the department** : Zoology
2. **Year of Establishment** : 1957
3. **Name of programmes/Courses offered:** Undergraduate Programme: BSc Zoology
4. **Name of Interdisciplinary courses and the department/units involved:** Nil
5. **Annual/semester/choice based credit system (programme wise):** UG choice based credit system
6. **Participation of the department in the courses offered by other departments:** Open course for Students of Philosophy, Botany, Tamil, Malayalam, Chemistry, Music
7. **Courses in collaboration with other universities, industries, foreign institutions etc:** Nil
8. **Details of courses/Programmes discontinued with reasons:** Nil
9. **Number of teaching posts**

	Sanctioned	Filled
Asst.Professors	4	2

10. **Faculty profile with name, qualification, designation, specialization (D.Sc/D.Lit./Ph.D/M.Phil. etc.)**

Name	Designation	Qualification	Specialization	No of years of experience
Dr.Abdul rasheed VT	Assistant professor	MSc, PhD	Zoology	2
Sreeja GR	Assistant professor	MSc, BEd	Zoology	2
Kavitha K P	Guest lecturer	MSc	Zoology	2
Dr.Smitha SG	Guest lecturer	MSc, MPhil, PhD	Zoology	2

11. **List of senior visiting faculty:** Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:40% practical, 40% theory

13. Student-Teacher Ratio(programme wise): 35:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: 2 Lab attenders, Both filled.

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG:

PhD- 2

PG- 2

16. Number of faculty with ongoing projects from a)National b)International funding agencies and grants received:Nil

17. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR,etc.and total grants received:Nil

18. Research Centre/facility recognized by the University: Nil

19. Publications:

*** a) Publication per faculty**

Dr. Abdul Rasheed VT: Total publications till date: 7 International- 7 National

- miR Cluster 143/145 Directly Targets Nrl and Regulates Rod Photoreceptor Development. Sreekanth S, Rasheed VA, Soundararajan L, Antony J, Saikia M, Sivakumar KC, Das AV. Mol Neurobiol. 2016 Nov 23. [Epub ahead of print] PMID: 27878762, Journal: Molecular neurobiology, published by Springer Science, IMPACT FACTOR: 5.137.
- Regulation of Tlx3 by Pax6 is required for the restricted expression of Chrn α 3 in Cerebellar Granule Neuron progenitors during development. Divya TS, Lalitha S, Parvathy S, Subashini C, Sanalkumar R, Dhanesh SB, Rasheed VA, Divya MS, Tole S, James J. Sci Rep. 2016 Jul 25;6:30337. doi: 10.1038/srep30337.PMID: 27452274 Journal: Scientific Reports, Nature publishing group, IMPACT FACTOR: 5.228.
- Pleiotropic Hes-1 Concomitant with its Differential Activation Mediates Neural Stem Cell Maintenance and Radial Glial Propensity in Developing Neocortex. Dhanesh SB, Subashini C, Riya PA, Rasheed VA, James J. Cereb Cortex. 2016 Jul 11. [Epub ahead of print] PMID: 27405330, Journal: Cerebral Cortex, Oxford University Press IMPACT FACTOR: 8.285.
- Developmental wave of Brn3b expression leading to RGC fate specification is synergistically maintained by miR-23a and miR-374. Rasheed VA, Sreekanth S, Dhanesh SB, Divya MS, Divya TS, Akhila PK, Subashini C, Chandrika Sivakumar K, Das AV, James J. Dev Neurobiol. 2014 Dec;74(12):1155-71.

PMID:24838392 Journal: Developmental Neurobiology, ISSN: 1932-846X. Wiley publication. IMPACT FACTOR: 4.423.

- Neuronal differentiation of embryonic stem cell derived neuronal progenitors can be regulated by stretchable conducting polymers. Srivastava N, Venugopalan V, Divya MS, Rasheed VA, James J, Narayan KS. Tissue Eng Part A. 2013 Sep;19(17-18):1984-93. doi: 10.1089/ten.TEA.2012.0626. PMID: 23544950 Journal: Tissue Engineering Part A, ISSN: 1076-3279. Mary Ann Liebert, Inc. publishers, USA. IMPACT FACTOR: 4.1.
- Umbilical cord blood-derived mesenchymal stem cells consist of a unique population of progenitors co-expressing mesenchymal stem cell and neuronal markers capable of instantaneous neuronal differentiation. Divya MS, Roshin GE, Divya TS, Rasheed VA, Santhoshkumar TR, Elizabeth KE, James J, Pillai RM. Stem Cell Res Ther. 2012 Dec 19;3(6):57. PMID: 23253356. Journal: Stem Cell Research & Therapy, ISSN: 1757-6512. BioMed Central Publication. IMPACT FACTOR: 3.21
- Hes-1 regulates the excitatory fate of neural progenitors through modulation of Tlx3 (HOX11L2) expression. Indulekha CL, Divya TS, Divya MS, Sanalkumar R, Rasheed VA, Dhanesh SB, Sebin A, George A, James J. Cell Mol Life Sci. 2012 Feb;69(4):611-27. doi: 10.1007/s00018-011-0765-8. PMID: 21744064. Journal: Cellular and Molecular Life Sciences, ISSN: 1420-682X. Springer Publication. IMPACT FACTOR: 7.02.
- Identification of microRNA involved in development and differentiation of Retinal Ganglion Cells. VT Abdul Rasheed and Jackson James. Int. J. Devl Neuroscience 30 (2012) 640–671. IMPACT FACTOR: 2.418. Abstract published in Journal: International Journal of Developmental Neuroscience, ISSN: 0736-5748. Elsevier B.V. publication
- Functional relevance of miR-23a in Retinal Ganglion Cell fate specification. Abdul Rasheed VT, Divya MS and J James. Annals of Neurosciences, 2012 19:33-34. Abstract published in Journal: Annals of Neurosciences, ISSN 092-7531.

Dr. Ramachandran K, Total publications till date: 6 International- 6 National: -

Peer Reviewed

- Kotharambath, R., Wilkinson, M., Oommen, O.V., & Gower, D.J., (2015). A new species of Indian caecilian highlights challenges for species delimitation with in *Gegeneophis* Peters, 1879 (Amphibia: Gymnophiona: Indotyphlidae) *Zootaxa* 3948(1):060-070.
 - Kotharambath R, M. Wilkinson, O.V. Oommen, S. George, R.A. Nussbaum & D.J. Gower (2012). On the systematics, distribution and conservation status of *Ichthyophis longicephalus* Pillai, 1986 (Amphibia: Gymnophiona: Ichthyophiidae). *Journal of Natural History* 46:47-48, 2935-2959.
- Kotharambath, R., Gower, D.J., Oommen, O.V., & Wilkinson, M. (2012). "A third species of *Gegeneophis* Peters (Amphibia: Gymnophiona: Indotyphlidae) lacking secondary annular grooves." *Zootaxa* 3272:26-34.

- Gower, D.J., Mauro, S.D., Giri, V., Bhatta, G., Govindappa, V., Kotharambath, R., Oommen, O.V., Fatih, F.A., Mackenzie-Dodds, J.A., Nussbaum, R.A., Biju, S.D., Shouche, Y.S., Wilkinson, M. (2011). Molecular systematic of caeciliid caecilians (Amphibia: Gymnophiona) of the Western Ghats, India. *Molecular Phylogenetics and Evolution*, 59, 698-707.
- Beyo, R.S., Divya, L., Kotharambath, R., Oommen, O.V., and Akbarsha, M.A. Organization of the corpus luteum in a caecilian *Gegeneophis ramaswamii*. *J Endocrinol Reprod* 14(2010)1:9-18.
- Kotharambath, R. and Oommen, O.V. 2008. Deep-rooted myths and their impact on the population of Gymnophion an amphibians among the inhabited areas of Kerala, India. *Froglog*, August 2008:3-5. Amphibian Specialists Group, IUCN, USA.

BOOK CHAPTERS: 3

- Kotharambath, R., Beyo, R.S., Divya, L., Akbarsha, M.A. and Oommen, O.V. Caecilians – The Limbless Elusive Amphibians: In the Back drop of Kerala Region of the Western Ghats. In Singaravelan Ed. *Rare Animals of India*, 2013. Bentham Science Publishers, U.S.A.
- Kotharambath, R., Wilkinson, M., Oommen, O.V., Nussbaum, R.A., and Gower, D.J. Establishing the systematic of poorly known, elusive and "lost" caecilian species: the case of *Jchthyophis longicephalus* Pillai 1986 (Amphibia: Gymnophiona: Ichthyophiidae) from the Western Ghats of India. *Proceedings of the National Biodiversity Congress, Kerala*. Publisher: Springer.
- Beyo, R.S., Divya, L., Kotharambath, R., Oommen, O.V., and Akbarsha, M.A. Ultrastructural Details of Ovarian Follicles and Yolk Accumulation in Caecilian Oocytes. In Dahn, L. Ed. *Animal Reproduction: New Research Developments*. 2009. Nova Science Publishers, U.S.A.

Dr. Sajitha P: Total publications till date: 2

- N Sajitha, Gokuldas M. Biochemical analysis of silk proteins of the mango leaf webber, *Orthaga exvinacea* Hampson (Lepidoptera: Pyralidae) *Journal of Entomology and Zoology Studies* 2015; 3(5): 285-290.
- Sajitha N * and Kavitha KP. Studies on the silk proteins of the silk glands of various developmental stages of the Mango Leaf Webber, *Orthaga Exvinacea* Hampson (Lepidoptera: Pyralidae). *International Journal of Recent Scientific Research* SSN: 0976-3031 6(12) December -2015

Dr. Bijoy C, Total publications till date: 3

- Interesting records of two rare 'owl fly' species (Ascalaphidae: Neuroptera) from Kerala. Bijoy, C and Rajmohana, K, *Malabar Trogon* Vol 13(1) Jan - Apr 2015.
- New record of the genus *Mischotetrastichus* Graham (Hymenoptera: Eulophidae) with a new species from India. T.C. Narendrana, K. Rajmohana and C. Bijoy. *Oriental Insects*, 2014 Vol. 48, Nos. 1–2, 55–66.

- *Leptopilina rufipes* (Hymenoptera) from India with a likely host record. C. Bijoy, K. Rajmohana and M. Anjana, TAPROBANICA, ISSN 1800–427X. August, 2015. Vol. 07, No. 04: pp. 244–245.

Dr. Smitha S G, Total publications till date: 2

- Microsporidian population in wild and captive-bred population of butterflies in south India. *Biosystemmatics* 2013.
- Efficacy of a new insecticide combination against major pests of paddy. Indian Journal of Plant Protection 2012

20. Areas of consultancy and income generated

Consultation Activities

The Department provides assistance for public in identifying species such fishes, insects, provide guidance and information about pest and their control and conduct programmes on awareness about wildlife, resources, and conservation. Recent activities:

1. Helped Radhakrishnan. G, identify a fresh water fish species obtained/purchased from local market that had tubercle growth on its body scales.
2. Identified Spider, mantis species from organic farms and also helped in testing the nature of soil on request.
3. Specimens brought from reefs of Lakshadweep were identified and some have been donated to the Zoology Museum by Students from Lakshadweep.
4. A blood group detection is been done free of cost.
5. Provided lab facilities and guidance for school students in district level vignanolsavam examinations conducted by sashtra sahitya parishad.

Extension Activities

1. Zoology Museum Exhibition December 2015: An exhibition was organised by the Department at the Zoology Museum open for the Public on 11th December 2015. Visitors include students from various departments of colleges, schools and local public. The Zoology museum was established in 1954 and is considered to be one of the best in the University. At present it holds more than 1500 specimens including rare items like skulls of big cats and other rare mammals, many Corals, different kinds of birds, skeletons and precious embryological collections.
2. Students of the department prepared an inventory of Avian, Lepidopteron, insects and other fauna of the campus. The Department provides assistance for public in identifying species and is in constant interaction with the local bodies to document the local biodiversity.
3. The Department and Zoology Alumni is now collaborating with Kerala Biodiversity Board for PBR preparation for Chittur-Tathamangalam Municipality.
4. Blood group detection camp was organized in association with NSS units of college to prepare a blood data bank.

21. Faculty as members in a)National committees - b)International Committees - c) editorial Boards - Nil

22. Student projects

a)Percentage of students who have done in-house projects including interdepartmental/ programme - 30%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies- Nil

23.Awards / Recognitions received by faculty and students-

1. Dr. Abdul Rasheed VT received the Dr. MR Das Career Award for best overall performance in the PhD Programme from RGCB, 2015 – the award includes a Gold Medal, Citation and a cash award of Rs. 25,000/-
2. Dr. Ramachandran K received International Research Visit Fellowship, 2016, At Natural History Museum, London, UK. January 23- February 8, 2016.
3. Dr. Ramachandran K received Higher Education Department Research Excellence Award, 2016. Certificate and INR 50,000/- Award grant.
4. Dr. Ramachandran K received National Internship Fellowship, 2015, At National Centre for Biological Sciences, Bangalore, 1-28 February, 2015
5. Dr. Ramachandran K received FLAIR, Dept. of Higher Education, Govt. of Kerala Fellowship of Rs 94000/- for research at National Centre for Biological Sciences at Bangalore (February 2015).
6. Dr. Ramachandran K received Kerala State Biodiversity Board grant of Rs 1 Lakh for writing monograph on caecilians of southwestern Ghats (2014)
7. Dr. Ramachandran K received Herpetological Conservation Research Fund, Madras Crocodile Bank Trust Harvard University, Museum of Comparative Zoology, Travel Grant for Symposium on Caecilians, World Herpetology Congress, Vancouver, August 8-14, 2012

24.List of eminent academicians and scientists/ visitors to the department:

1. Sanjayan kumar, IFS
2. Arun Sakaria, Govt. Veterinary Surgeon
3. Peter prem Chakraborty, Scientist
4. Sujith VG, Research associate, RGCB
5. Hareesh vasudevan, Advocate, Green Tribunal
6. Uma maheswari, Director, CROW and Project Coordinator, IRTC
7. Guruvayoorappan S, Project Coordinator, WPSI
8. Dr. PS Easa, Former Director, KFRI; Member, National Wildlife Board
9. Dr. Muhammed Jafer Palot Assistant Zoologist, WGRC Zoological Survey of India
10. Dr. P Pramod, Senior Scientist, Salim Ali Centre for Ornithology and Natural History, Coimbatore
11. Dr. Rajmohana K, Scientist D, WGRC-Zoological Survey of India
12. Dr. TV Sajeev, Scientist E1, Kerala Forest Research Institute, Peechi

13. Dr. Shaji TP, Former Research Associate, Kerala Forest Research Institute, Peechi.
14. Dr. Dr. K.A. Subramanian, Scientist-D Member IUCN SSC (SAISG) Southern Regional Centre Zoological Survey of India, Chennai

25. Seminars/Conferences/Workshops organized & the source of funding

a) National-

1. Biodiversity conservation, challenges and prospects- 2012-DCE
2. Man and wildlife survival issues- 2013-DCE
3. Species and Laws-the Western Ghats Scenario- 2014-DCE
4. Animal species' diversity and survival issues in the southern Western Ghats - Dec 2015, UGC

26. Student profile programme/coursewise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage
			M	F	
BSc Zoology 2010		21	4	17	100
BSc Zoology 2011		24	2	22	91
BSc Zoology 2012		18	4	14	85
BSc Zoology 2013		19	4	15	87
BSc Zoology 2014		25	3	22	68
BSc Zoology 2015		24	4	22	88
BSc Zoology 2016		20	4	16	89

27. Diversity of students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BSc Zoology	99%	1%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? NA

29. Student progression

Student progression	Against % enrolled
UG to PG	45%
PG to M.Phil.	NA
PG to Ph.D.	NA

Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	20%
Entrepreneurship/Self-employment	

30. Details of Infrastructural facilities

- a) **Library:** Yes, 10 Journals and around 2500 books
- b) **Internet facilities for Staff & Students-** Yes
- c) **Classrooms with ICT facility** – Yes, 1 Smart Board, 3 DLP projectors, Laptop and desktops
- d) **Laboratories :** 2 labs; for Core and complementary students

31. Number of students receiving financial assistance from college, university, government or other agencies:

- 25 final year and 23 second year students receive e-grant
- 3 students receive Post Metric Scholarship from government of Kerala

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:

Invited/special Lectures:

1. A talk was jointly organized (15th October) by the Department and the Zoology alumni in connection to wildlife week at Zoology on “Man Animal conflict” delivered by Mr. Guruvayurappan, Activist and South Indian coordinator, WPSI.
2. A talk was organised at ZSI Calicut, on “ the Diversity of Insect species” by Dr. Rajmohana K, Scientist D, WGRC-Zoological Survey of India (Feb 11, 2016)
3. The Department in association with the Zoology Alumni organized a talk on “Freshwater fishes of Western Ghats” by Dr CP Shaji, former research associate KFRI (03rd December 2015)
4. "Biodiversity and Status of Riverine Ecosystems of the Western Ghats" by Dr. K. A. Subramanian, Scientist-D {Southern Regional Centre, ZSI, Chennai & Member IUCN SSC (SAISG)} at Music concert hall (29th July 2016)

Departmental Seminars:

1. Biodiversity conservation, challenges and prospects- 2012-DCE
2. Man and wildlife survival issues- 2013-DCE
3. Species and Laws-the Western Ghats Scenario- 2014-DCE
4. Animal species’ diversity and survival issues in the southern Western Ghats – Dec 2015, UGC

33. Teaching methods adopted to improve student learning

Use of Facilities such as - Smart board (ICT), Powerpoint presentation (even

using smart phones), Videos, Group Discussion, Students seminars, Field/institutional visits and field Study, etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Zoology Museum Exhibition
Blood Group Detection camp
Biodiversity documentation
Election Duty as presiding Officer for Parliament, Legislative and Panjayath election

35. SWOC analysis of the department and Futureplans

Strength: The Main strength of the department is the availability of Laboratory Facilities, Library, Museum and qualified Faculties in Zoology that attract students to join for the UG course in Zoology.

- All classes are equipped with audio visual facilities.
- library with ref book, journals, magazines
- museum with more than 1000 specimen which include some rare specimen, collection of zoological models, charts, and illustrations
- two laboratory facilities for UG course (Core and Complementary)
- Internet facilities with wifi Connectivity available for students and faculties, access to e-learning via INFLIBNET

Weakness:The main weakness is that we have not been sanctioned by the government with a Post Graduate Programme even though we have enough space and competent facilities. Hence we lacking in modern equipments/facilities for Student projects and research. Modernisation of Classrooms is required with facilities for virtual dissection, quality study aids, purchasing power to get e-books and journal.

Opportunity:The department offers foundation course for pursuing higher studies in different streams of life science, Forest Science with opportunity for both lab and field experience in the concerned subject. Students find Job in various field requiring knowledge in basic biology and Zoology such as wildlife, national parks, botanical gardens, zoos, laboratories, aquariums, animal clinics, fisheries and aquaculture, museums, research, pharmaceutical Companies, technician in veterinary hospitals and life science institution, field and exploration related wildlife, Conservationists, Documentary Maker, Forensic technician, etc.

Challenges: The most evident challenge firstly to the students is lack of opportunity for higher studies in near by area. Most of the female (around 95% of the students are female) students are unable to pursue higher studies due this. A PG course would have made a lot of opportunity to the highly talent students those are reluctant is moving out of the state due their social and family background. Secondly, for the Faculty and research students, it is difficult to pursue newer, modern studies due to insufficient facilities, quality equipments and fund. This attracts less funding in the form of minor/major projects or fellowships. Also better facilities would attract more extension and consultation services to the society and research collaboration.

Future Plans:

- Starting a Post graduate Programme in Zoology
- Initiating an Animal House /Rearing Facility and a course in animal handling.
- Setting up a Bioinformatic and Virtual dissection laboratory
- Providing additional courses in Bioinformatics and Entomology

15. DEPARTMENT OF ENGLISH

1. **Name of the department** :English
2. **Year of Establishment** : 1947
3. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** NA
4. **Names of Interdisciplinary courses and the departments/units involved:** NA
5. **Annual/semester/choice based credit system (programmewise):** NA
6. **Participation of the department in the courses offered by other departments:** NA
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** NA
8. **Details of courses /programmes discontinued (if any) with reasons:** NA
9. **Number of Teaching posts**

	Sanctioned	Filled
Asst.Professors	05	05

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. / Ph.D./ M.Phil. etc.,)**

Name	Qualification	Designation	Specialization	Experience (in years)
Sheeju NV*	MA, M.Phil, Ph.D	Assistant Professor	South Asian Studies	11
Sheeba K	MA, B.Ed	Assistant Professor	Film Studies	10
Sreekala K	MA, M.Phil,B.Ed.	Assistant Professor	Indian Literature	5
Reshmi R L	MA, B.Ed	Assistant Professor	British Fiction, ELT	2
Jincy P**	MA	Assistant Professor	Diaspora Literature	2
Deepa P.	M.A, B.Ed., NET	Guest Faculty		
Rekha R.	M.A	Guest Faculty		

*(Post Doctoral Fellow), ** (On Maternity Leave)

11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 35%
13. **Student-Teacher Ratio (programmewise):** 180:1(Common courses)
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil
15. **Qualifications of teaching faculty with D.Sc./D.Litt./Ph.D./MPhil./PG.**
Ph.D – 01, M.Phil—01, PG- 04
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**
Post Doctoral Fellowship: 1 (5lakhs)
Period: 28/07/2016-28/07/2017
Institution of Affiliation: School of Interdisciplinary Studies, EFLU (English and Foreign Languages University), Hyderabad
Title of Project: Becoming-Woman: Early Modern Malayalam Novels and the Genealogies of Identity Politics
17. **Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:** NIL
18. **Research Centre/facility recognized by the University:** NA
19. **Publications:**

* a) **Publication per faculty**

Name	No of Papers Published
SHEEJU NV	04
SHEEBA K	03
SREEKALA K.	03
RESHMI RL	05

Sheeju N. V:

- 1)“The Shanar Revolts, 1822–99: Towards a Figural Cartography of the Pretender.” *South Asia Research* Volume-35:3 (2015): 298-317.<<http://sar.sagepub.com/content/35/3/298.abstract>>
- 2) “A Thousand Years of Nonlinear Destiny: Customising Manuel Delanda for the Formation of South Asian Histories.” *Humanities Circle (International Journal of Central University of Kerala)* Volume 03, Issue 02, (2015): 131-143.

3) .“The Performative Genealogies of the Shanar Rebellion and the Secret History of its Histrionics.” *Conspectus: A Journal of English Studies* Volume-V (2008): 15-19.

4).“KeezhaalaKalapangalVeendedukkumbol (Recovering the Subaltern Revolts).”*Pachakuthira*, Book-1, Issue-3, (October-2004): 22-24.

Sheeba K. :

1)“Then a Popular Fiction, Now a Motion Picture: Stars, Fans, and Texts” in seminar publication From Fiction to Film: an Inter Disciplinary Approach in association with Kerala State Film Development Corporation, (ISBN 818733386-3) 2016 Fabian Books

2) “Rejectionist discourses on Veil: Some Thoughts on Secularism, Religion and Individual Freedom” Humanities Circle (ISSN 2321-8010) 2014 Humanities Circle

3) “Boys Dont Cry: Tom Sawyer in the Masculinist Trap” in the proceedings of the International Seminar (Re)Reading Classics in Children’s Literature (ISBN-978-81-905931-2-0) 2010 Children’s Association of India

Sreekala K.:

1. An Ecocritical Study of Eugene O’ Neill’s *The Emperor Jones* Published In Research Journal Of English Language And Literature. Vol:3.Issue 3.2015 (July.-Sept.) Pages575-578.ISSN(Online):2321-310 8 ISSN (Print) 2395-2636

2. Social Consciousness In Dalit Writing Published In International Journal Of English Language, Literature And Translation Studies. Vol 2.Issue 4.2015. (Oct.- Dec.) Pages 216-218.ISSN:(Online) 2349-9451 ISSN: (Print) 2395-2628.

3. “A Waking Dream” Published In the Criterion: An International Journal In EnglishVol. 7,Issue -5 October 2016 ISSN: 0976- 8165. Page (354- 355).

Reshmi R.L

1. “A Problem That Has No Name: A Re-reading on Sylvia Plath’s Esther Greenwood”. TeLeS: Journal of Teacher, Learner and Society, Jan-June 2013, pp. 5-12.

2. “Everything is Cool, Exact and Specific: Rethinking Doris Lessing and Her Heroines”. *Marga: A Journal of Literature, Culture and Media*, July 2013.

3. “No Conflict, No Life: Lessing and the Feminine Mystique”. *Proceedings : International Seminar on Innovations and Best Practices in Teaching and Learning*.MuslimArtsCollege, Thiruvithancode, January 2014.

4. “Towards Mutuality through Connection: A Reading on Doris Lessing in the Light of Miller’s Relatedness”. TeLeR: A Journal of Teacher, Learner and Researcher, Feb. 2014, pp.67-71.

5. “ Recognition of Female Subjectivity in Doris Lessing’s “One off the Shortlist” and “A Woman on a Roof” “. *Literary Endeavour- A Quarterly International Refereed Journal of English Language, Literature and Criticism*, Vol. 7, No. 4 October 2016,ISSN 0976-299X.pp. 57-61.

6. “Cross- Cultural Interchange in Doris Lessing’s “The Old Chief Mshlanga” and “The Second Hut”. *Criterion*, Vol.7, Issue. 5, October 2016. Pp.196-207.

*** Number of papers published in peer-reviewed journals (national/ International) by faculty and students – 04**

20. Areas of consultancy and income generated:

1. Translation
2. Editing of Brochures and Notices
3. Career and higher Education Counselling
4. Assessment of Creative Writing

Since the college is situated in a rural agrarian background, most of the beneficiaries of these consultancies are economically backward classes and the consultancy is offered as a free service to the locality.

**21. Faculty as members in a) National committees b) International Committees
c) Editorial Boards: Nil**

22. Student projects: NA

23. Awards/Recognitions received by faculty and students: Nil

24. List of eminent academicians and scientists/visitors to the department:

- Hari Prasad Athanikkal, English and Foreign Languages University, Hyderabad

25. Seminars/Conferences/Workshops organized & the source of funding

a) National: 1

Department has taken initiative to organize a multilingual interdisciplinary Two Day National Seminar on “Reel/Real Kids: Representations and Issues” collaborating with the Departments of Malayalam and Arabic sponsored by DCE in January 2017

b) International: Nil

26. Student profile programme/coursewise: NA

27. Diversity of Students: NA

**28. How many students have cleared national and state competitive examinations such as NET,SLET,GATE,Civil services,Defense services,etc.?
NA**

29. Student progression: NA

30. Details of Infrastructural facilities

a) Library: NA

b) Internet facilities for Staff & Students: 1 desktop and 1 laptop with internet access

c) Class rooms with ICT facility:1

d) Laboratories: 1Language Lab with 15 student consoles and a master Console

31. Number of students receiving financial assistance from college, university, government or other agencies: NA

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts: 1 National Seminar

33. Teaching methods adopted to improve student learning

We still depend upon conventional methods of teaching not because it is a better and superior way of teaching, but due to heavily populated classrooms. But we try to use audio visual aids to improve the teaching learning experience.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Extension Activities by the faculty:

1. Sheeba K: Extension lecture on “Social Exclusion and the role of women” at NSS College Ottapalam
2. Sheeba K acted as a judge for Elocution competition in the Regional Level Social Science Exhibition cum National Integration camp 2016-17 held at India Kendriya Vidyalaya Cochin PortTrust, Kochi
3. Sheeba K: Extension lecture on “Goal 50-50 by 2030” at SN college Alathur

Institutional Social Responsibility

Faculty members have discharged duty as Presiding Officers for Loksabha/Rajyasabha/ Local Bodies’ Election.

35. SWOC analysis of the department and Future plans

Strengths:

1. Academically Qualified teaching faculty
2. Co-curricular activities: Teaching faculty of the department willingly offers their services to various activities of WWS, Staff Club, Library Committee, Women’s Cell, and Interdisciplinary Forum.
3. Language Lab: Department has taken initiative to start a language lab on the campus to enrich English communicative skills. Since the lab can accommodate only 15 students at a time, teachers find it difficult to reach out this facility to the student community. Hence, from 2016 onwards, with the financial assistance of PTA, a temporary faculty is arranged to handle language lab after working hours.
4. Department is equipped with a projector and a laptop which helps in the screening of short films, documentary and Satyameva Jayathe episodes prescribed in the syllabus as common courses.
5. Department has a portable DVD/USB Audio player which assists the Phonetics classes.

Weakness:

1. College doesnot offer English as a main course. Though efforts are made in this direction, it is not yet fulfilled.
2. Over populated general classes: The teacher student ratio is so high that the teachers find it very difficult to meet the requirements of the students. It is also difficult to do justice to the objectives of semester system.

Opportunities:

1. Young, academically ambitious and research oriented teachers are an asset to

the department.

2. Department can offer more job oriented add on courses like Communicative English and soft skill development with the assistance of Language lab.

Challenges:

1. Being a Govt. College, the transfer of teachers is damaging to the consistent growth of the department.
2. Insufficient number of teachers: The teacher student ratio is so high that it is difficult to cater to the individual needs of students.

Future Plans:

1. UG and PG courses
2. Offering Job oriented Add on Courses

16. DEPARTMENT OF PHYSICAL EDUCATION

1. **Name of the department** : Physical Education
2. **Year of Establishment** : 1947
3. **Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D. etc.)** : Nil
4. **Names of Interdisciplinary courses and the departments/units involved:**
Department Offers Yoga as an Open course
5. **Annual/semester/choice based credit system (programmewise):** CBCSS
6. **Participation of the department in the courses offered by other departments**
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses/programmes discontinued (if any) with reasons:** Nil
9. **Number of Teaching posts**

	Sanctioned	Filled
Asst. Professors	Two	Two

10. **Faculty profile with name, qualification, designation, specialization (D.Sc./ D.Litt./Ph.D./ M.Phil. etc.)**

Name	Qualification	Designation	Specialization	No. of Years of Experience
Jagannadhan.C	M. PEd	Asst. Professor	Physical Education	Eight Years
Manu Chakravarthy.S	M. PEd	Asst. Professor	Physical Education	Two Years

11. **List of senior visiting faculty** :
 - i) Prof. S S Kaimal, former Athletic Coach, University of Calicut
 - ii) Dr. Sakir Hussain, Director of Physical Education, University of Calicut
12. **Percentage of lectures delivered and practical classes handled (programmewise)**
By temporary faculty : Nil
13. **Student-Teacher Ratio (programme wise) - NA**

14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled :** Nil
15. **Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.**
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil
17. **Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.and total grants received**
18. **Research Centre/facility recognized by the University :** NA
19. **Publications:** Nil
20. **Areas of consultancy and income generated:** Nil
21. **Faculty as members in a) National committees b) International Committees c) EditorialBoards:** Nil
22. **Student projects a) Percentage of students who have done in-house projects including interdepartmental/programme:** Nil
b) Percentage of students placed or projects in organizations outside the institution i.e. in Research laboratories/Industry/ otheragencies: Nil
23. **Awards/Recognitions received by faculty and students :**
Students of the college received many National Sports Awards
24. **List of eminent academicians and scientists/visitors tothe department**
Lewis, International Wrestler from UK has visited the Department and shared valuable ideas to the players.
25. **Seminars/ Conferences/ Workshops organized & the source of funding**
a) National – Two Day National Seminar (Sponsored by UGC- 1, DCE-1)
26. **Student profile programme/coursewise:**NA
27. **Diversityof Students:** NA
28. **How many students have cleared national and state competitive examinations such as NET, SLET, G ATE, Civil services, Defense services,etc.?** NA
29. **Student progression:** NA

- 30. Details of Infrastructural facilities**
- a) Library - 469 books
 - b) Internet facilities for Staff & Students
 - c) Class rooms with ICT facility: Nil
 - d) 200meter track ground, multi gymnasium, facility for wrestling and judo practice

31. Number of students receiving financial assistance from college, university, Government or other agencies:

32. Details on student enrichment programmes (speciallectures/workshops/Seminar) with external experts: Nil

33. Teaching methods adopted to improve student learning: practical yoga classes

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Offers expertise on various aspects of sports and games such as wrestling and judo, offers career guidance service for various professions for Academic and Sports excellence. Offers Physical fitness programme for all

35. Futureplans

Future Plans: Efforts are on to start an integrated sports complex on the campus along with a 400m synthetic track

17. DEPARTMENT OF HINDI

1. **Name of the department:** Hindi
2. **Year of Establishment:** 1946
3. **Names of Programmes/ Courses offered (UG , PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.):** Nil
4. **Names of Interdisciplinary courses and the departments/ units involved:** NA
5. **Annual/semester/ choice based credit system (programmewise):** CBCSS
6. **Participation of the department in the courses offered by other departments:** NA
7. **Courses in collaboration with other universities, industries, foreign institutions, etc. :** Nil
8. **Details of courses/ programmes discontinued (if any) with reasons**
9. **Number of Teaching posts**

	Sanctioned	Filled
Asst. Professors	2	2

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D./M.Phil.etc.,)**

Name	Qualification	Designation	Specialization	Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. B.Asok	B.A(First Rank); M.A(First Rank); Ph.D; Diploma in Mechanical Engg. PG Diploma in Translation PG Diploma In Journalism Sahitya Retnam, Allahabad	Assistant Professor	Contemporary Poetry	PG-11years UG-12years	<u>Last 4 years</u> Guided- 3 Awarded- 2
Dr. Ambili.T	M. A; M. Phil; Ph. D	Assistant Professor	Modern Short stories	7	Nil

11. **List of senior visiting faculty** - Dr.Akhilesh Aaryendu, Renowned Hindi Writer, New Delhi during December 2016
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 7
13. **Student –Teacher Ratio (programme wise):** 88:1
14. **Number of academic support staff (technical) and administrative staff; sanctioned and filled:** NA
15. **Qualifications of teaching faculty with DSc/D.Litt/PhD:** PhD - 2/MPhil -1/PG-2
16. **Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Completed -1
17. **Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:** 2,10,000/-
18. **Research Centre/facility recognized by the University:** NA
19. **Publications:**

* a) **Publication per faculty** :30

Dr B Asok, Assistant Professor

- Hindi Alochna Aur Ramvilas Sharma;Criticism;Bhasha,Central Hindi Directorate, New Delhi; Trimonthly,July-Sep2016
- Language Expert; Text Book in Hindi; Std XII; Govt.of Kerala;2016
- Language Expert; Source Book in Hindi; Std XII; Govt.of Kerala;2016
- HindiLokSahityaMein Prakriti-Bimb;Samgradhan; Vidyapeedh, Kerala, April 2016
- Language Expert; Equilency Text Book in Hindi; Std XII; Saksharata Mission; Govt.of Kerala;2016
- Language Expert; Equilency Source Book for Teachers; Std XII; Saksharata Mission; Govt.of Kerala;2016
- Krantikari Kavi Aur Hindi Sahitya; Sahitya Parikrama;Madhya Bharatheeya Hindi Prachar Sabha;Gwalior;Madhya Pradesh; Feb2016
- Language Expert; Text Book in Hindi; Std XI; Govt.of Kerala;2015
- Language Expert; Source Book in Hindi; Std XI; Govt.of Kerala;2015
- Krishna Kadha Ka Lok Ansh; Keral Jyothi;Nov2015
- Malayalam Aur Hindi Ke Kadha Sahitya Mein Rashtreeya Bhavna; Sahitya Parikrama; Gwalior;July2015
- Language Expert; Text Book in Hindi; Std V; Govt.of Kerala;2015

- Language Expert; Source Book in Hindi; Std V; Govt.of Kerala;2015
- Malayalam Sahitya2015; Bhasha;Central Hindi Directorate; New Delhi
- Language Expert; Equilency Text Book in Hindi; Std XI; Saksharata Mission; Govt.of Kerala;2015
- Language Expert; Equilency Source Book for Teachers; Std XII; Saksharata Mission; Govt of Kerala;2015
- Malayalam Ka Lok Sahitya; Lok Sahitya Kosh(Vol.6); (Ed.) Dr Suresh Gowtham; Prakashan New Delhi; 2014
- Language Expert; Text Book in Hindi; Std IX; Govt.of Kerala;2014
- Language Expert; Source Book in Hindi; Std IX; Govt.of Kerala;2014
- Malayalam Sahitya2013; Bhasha;Central Hindi Directorate; New Delhi
- Rama Kadha Ka LOk Amsh; Sahitya Parikrama;Madhya Bharatheeya Hindi Prachar Sabha;Gwalior;Madhya Pradesh; Dec2013
- Language Expert; Text Book in Hindi; Std VIII; Govt.of Kerala;2013
- Language Expert; Source Book in Hindi; Std VIII; Govt.of Kerala;2013
- Grameen Chetna Ke Kavi Aur Hindi Sahitya; Sahitya Parikrama;MadhyaBharatheeya Hindi Prachar Sabha;Gwalior;Madhya Pradesh; March2013
- Expert for the preparation of Self Study Material for Certificate Course in Hindi; Central Hindi Directorate;New Delhi(undergoing...)

Dr. Ambily T

- ‘Volga Se Ganga Our Mahayathra Gadha; Thulanatmak Addyayan, journal – bhasha nov-dece 2000 (issn)
- Hindi Poem ‘Chotem’ (translation of the malayalam poem’ murivukal’ by prabha varma
- ‘ Panth Ki Pragathivadi Drishti’- samgrathan nov-2012 (issn)
- ‘ugrathara: Samajik Paradarshitha Ka Pralekh’anuseelan 2000-2001
- ‘Vilakshan Sahithyakar Harivamsarai Bachan’bhasha may/june 2003 (issn)
- Pragathiseel Kahanikar Rahul Sankrithyan, - dakshin bharath jan/mar 2011
- ‘Malayalam Katha Sahithye Mein Ramkatha Ki Prasthuthi’ journal-bhasha sept/oct 2012 (issn)
- ‘ Thajmahal- Mehanath Ke Shoshan Ka Pratheek’ hindi prachar samachar nov 2011
- ‘ Vyangyakar Srilal Sukla Phla Patav Ke Vishesh Sandharph Mein’ - keral jyothy-nov 2011
- ‘ Nirala ki thodthi pathar our panth ki mazdoorni ke prathi; ek visleshanatmak addyayan’ dakshin bharath oct-nov –dece 2011
- ‘Sthri Drishti Ke Alok Mein Anamika Ki Kavitha Sthriyam’ hindi prachar samachar sept 2012
- ‘ Aadhunik Jeevan Ki Visangathiyom Se Ladnevala Natak Ladayi’ sangrathan 2012 (issn)
- ‘Dharmaraj; Bharatheeyatha Ke Visesh Sandarph Mein’anuseelan jan 2012 (issn)
- Bhoomi Devi Ka Vilap’ (Poem), hindi prachar samachar march 2012
- Bhoomi ki basuri’ (translation of the malayalam poem ‘bhoomiyude pullankuzhal’ by p.k. Gopi to hindi)journal- bhasha may/june 2012(issn)

- ‘Dekthe Dekthe’ (Translation Of The Malayalam Poem ‘Kanekkane’ By P.P.Ramachandran To Hindi) ajkal oct2013 (issn)
- ‘ Volga Se Ganga :Rahul Ke Vicharom Ka Dastavez’ keral jyothy april 2013
- Sri Vishnu Prabhakar Ka Natak Yuge Yuge Kranthi; Ek Visleshan’ sangrathan march 2013 (issn)
- Pragathiseel Kahanikar Rahul Sankrithyayan’l- dakshin bharath jul/sept vol 108
- ‘ Paryavaran Chethna Ka Sacha Dasthavez Kili Vannu Vilichappol’- bhasha march/ april 2015 (issn)

* **Number of papers published in peer-reviewed journals (national /international) by faculty and students:** (Above mentioned)

20. Areas of consultancy and income generated: Nil

21, Faculty as members in a) National committees b) International Committees c) Editorial Boards:

Dr. B.Asok: 1. Resource Person, Central Hindi Directorate, New Delhi
2. Assistant Editor, Bharat Pathrika

22. Student projects a) Percentage of students who have done in-house projects including interdepartmental/ programme: Nil

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry/ other agencies:
Nil

23. Awards/ Recognitions received by faculty and students:

Dr. B. Asok: Abhaya Dev Puraskar for Translation-2008

24. List of eminent academicians and scientists/ visitors to the department: Dr.Akhilesh Aaryendu, Renowned Hindi Writer, New Delhi during December 2016

4. Seminars/Conferences/Workshops organized & the source of funding :

a) National- 1(DCE, Govt of Kerala)

b) International: Nil

26. Student profile programme/ coursewise: Only Second Language Classes

27. Diversity of Students: Only Second Language Classes

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services,

etc.? Only Complementary Courses

29. **Student progression:** Department has only second language students
30. **Details of Infrastructural facilities:** One desktop and Laptop & a Printer
 - b) **Internet facilities for Staff & Students:** Yes
 - c) **Class rooms with ICT** : Common Class Rooms with ICT facility
 - d) **Laboratories:** NA
31. **Number of students receiving financial assistance from college, university, government or other agencies:** NA
32. **Details on student enrichment programmes (special lectures/workshops/seminar) with external experts:** 2 Lectures, One National Seminar
33. **Teaching methods adopted to improve student learning:** Lecturing with ICT, Seminars, Assignments, Panel Discussions etc.
34. **Participation in Institutional Social Responsibility (ISR) and Extension activities:**

Organized a One day Orientation Programme on contemporary Hindi Literature and new trends in teaching on 23rd August 2016 for UP, High School and Higher Secondary Teachers from Palakkad Educational District.
35. **SWOC analysis of the department and Future plans:**

All the faculty of the Department is having PhD Degree. Half of the faculty has research guideship. Half of the faculty has Minor Research Project. Department has only Second Language Classes.

19. Department of Arabic

1. Name of the department : Arabic
2. Year of Establishment : 1947
3. Names of Programmes/Courses : Nil
4. Names of Interdisciplinary courses and the departments/units involved: Nil
5. Annual/semester/choice based credit system (programmewise):
Choice Based Credit and Semester System and the college offers Arabic as a Second Language.
6. Participation of the department in the courses offered by other departments:
Not Applicable
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Nil
8. Details of courses/programmes discontinued (if any) with reasons: Nil
9. Number of teaching posts: 1, Assistant Professor

11. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No.ofYears of Experience
Dr.Mohammed.K	MA, B. Ed, Ph. D	Asst. Professor	Arabic Literature	10

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty: Nil
13. Student-Teacher Ratio (programme-wise) : Nil
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil
15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.: Ph.D
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

17. **Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc. and total grants received:** Nil
18. **Research Centre/ facility recognized by the University:** N.A.
19. **Publications:**
 - * a) Publication per faculty: 4
 - * Number of papers published in peer-reviewed journals (national/ International) by faculty and students: 1

List of Publications

 1. Contribution of Sayyid Qutub to the development of Arabic literature, Kalikooth Magazine, CKCT publishers, 2014, Kozhikkode
 2. Hijra, Prabodhanam weekly, IST PUBLISHERS 2013, Kozhikkode.
 3. The Women in Quran and Hadeeth, Al Amwaj Research Magazine, Arabic department, TMG College, Tirur 2016. Thirur, Malappuram
 4. Al Arathiq, Islamic Encyclopedia, IPH, 2008, Kozhikkode
 5. Chembrasseri, Islamic Encyclopedia, IPH, 2003, Kozhikkode
20. **Areas of consultancy and income generated:** Translation of Visa and other documents
21. **Faculty as members in National committees b) International Committees c) Editorial Boards:** Member, Board of Studies, University of Calicut
22. **Student projects:** Nil
23. **Awards/ Recognitions received by faculty and students:** Nil
24. **List of eminent academicians and scientists/visitors to the department:** Nil
25. **Seminars /Conferences/ Workshops organized & the source of funding**
 - a) National: 1, Sponsored by the Department of Collegiate Education
26. **Student profile programme/coursewise:** Nil
27. **Diversity of Students:** Not Applicable
28. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?** Not Applicable
29. **Student progression:** Not Applicable
30. **Details of Infrastructural facilities**
 - a) **Library:** Nil
 - b) **Internet facilities for Staff & Students:** YES

- c) Class rooms with ICT facility: NO**
- d) Laboratories: NO**

- 31. Number of students receiving financial assistance from college, university government or other agencies: Not Applicable**
- 32. Details on student enrichment with external experts: Nil**
- 33. Teaching methods adopted to improve student learning: Nil**
- 34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Yes**
- 35. SWOC analysis of the department and Future plans**

POST ACCREDITATION INITIATIVES

POST ACCREDITATION INITIATIVES

Govt. College Chittur has been evolving strategies for the sustenance and enhancement of quality in its academic and administrative functioning. The process of accreditation, the recommendations of the peer team last visited and the preparation of the self study report have given the College an opportunity for introspection and self exploration aiming at identifying its strengths and weaknesses. The post accreditation initiatives of the institution were also aimed at further accelerating the strengths while improving in those areas where the institution has weaknesses. The following are the measures taken after the last accreditation to enhance the quality of the overall functioning of the College.

ICT enabled teaching learning process: All the post graduate classrooms are equipped with smart boards, and all the second year and 3rd year Undergraduate class rooms will soon be equipped with projectors which enable the efficient use of ICT.

New Programmes:

1. A new PG programme, M.A Economics, was started during the period.
2. The Department of Mathematics was recognized as Research Centre by the University of Calicut.

Internet facility: From 2009 onwards, College has an internet connection through overhead wires. Each department was given a telephone through which the internet facility can be used. Later in 2015, all those existing connections are replaced by a high-speed Optical Fibre Cable internet connection having 10Mbps speed. Currently an up gradation programme is going on with the support from Government of Kerala, under their e-governance programme.

Computerisation (Office): The college office is fully computerized; each section is allotted a computer and internet facility and a common printer is provided.

Computerisation (Library): The General Library of the college is fully computerised, under KOHA - fully open source software. Students can browse the catalogue from anywhere in the college by browsing 192.168.1.234. Total number of walkins in the library is also automated.

Language Lab: A language lab with 15 student consoles and a master console is setup on the campus and functioning well. Department of English is using the lab frequently to improve the speaking skills of the students.

College Canteen: Canteen is functioning under the PTA, recently renovated by installing a bio-gas plant and installed new smoke less furnace. A solar water heater is to be installed for the reduction of consumption of LPG.

College Co-operative Society: College co-operative society is functioning at reduced rates for the students and staff of the college.

Solar Power energy: 1 KW solar grid is set up in the newly built seminar hall and 4 solar street lights is installed in and around the main building which is a small beginning towards green energy.

Career guidance and placement cell: This cell guides the students on career opportunities, and gives free coaching classes for the students. Previously UGC was funding this cell. Currently no such funding is available. This cell directs students to the Job fairs conducted by various companies.

Green house: A green house is maintained by the department of Botany.

EDUSAT: Govt College Chittur has setup EDUSAT facility in 2011 with the aid from Govt of Kerala, which facilitates live streaming of classes by experts. It has a fully air-conditioned hall with seating capacity of 50, modern amenities such as LCD projector and interactive smart board. Classes are streamed from the Edusat studio Thiruvananthapuram on various subjects on Tuesday and Thursday, every week.

Anti -Narcotic Club: The Anti- Narcotic Club has been formed in Chittur Government College to ensure a drug free campus. The activity areas of the club will be organizing campus workshops, seminars, Anti-drug rallies campaigns, pamphlet distribution, notices, and poster presentations and organizing cultural events etc. against alcoholism and drug abuse among various sections of the society, and of the youth of today in particular. The club has largely succeeded in bringing the campus community to a proper understanding of the issues involved in the use of alcohol and drugs.

Additional Skill Acquisition Programme: ASAP is a new initiative of higher education department which promotes skilled training to selected students. It aims to equip the student population with skills in cutting edge sectors in order to effectively alleviate the unemployment problem in the state.

Bhoomithrasena: This cell is aimed at the conservation of nature and natural resources and judicious utilization of the resources for the welfare of the society. Arranging awareness programmes to achieve the objectives, take up programmes for environmental cleanliness through eco-friendly measures – biodegradation of waste organisms- vermi composting etc. are some of the activities of this body. A cell of fifty students with a teacher as the coordinator is formed every year.

Counselling cell: Counselling is offered to the needy by a professional counselor with the support of women cell of the college. Counselor's service is arranged every Friday and the needy students are identified with the constant assistance of the tutors of each class.

Entrepreneurship Development Cell: The cell's main objective is to inculcate the skill of entrepreneurship among the students. ED club fulfils the vision by conducting an ED Fest every year and the profit earned from various stalls put up by the students is distributed among the deserving students as scholarships.

Entry into service: The College runs a centre for coaching students and youth for various service examinations and tests under "Coaching for Entry into Service" scheme with the assistance from UGC. The basic objective of this coaching scheme is to prepare

students belonging to SC/ST and educationally backward Minorities for competitive examinations which in turn will help them in getting gainful employment in All India Services and State/Provincial services.

Equal Opportunity Cell: The main motto of Equal Opportunity Centre is to create opportunities for the disadvantaged sections by conducting short term courses on positive discrimination, which includes personality development, positive thinking and confidence building measures to bring about leadership qualities among the identified groups.

Film Club: The club envisages providing exposure to classic movies for the film club members. Documentaries and talks on movies are also organized.

Inter Disciplinary Forum: The forum aims at bringing various disciplines in a single platform and thereby promoting an interdisciplinary approach. Sessions are arranged every Wednesday after class hours. A topic is introduced by a faculty and discussions and deliberations are done.

Net Coaching: In order to enable students belonging to SC / ST / OBC (non-creamy layer) / Minority communities and other Economically Backward communities, in tune with the modern time requirements, a net coaching is done by all the Post Graduate Departments.

Planning Board: The Planning Forum aims at associating the teachers and students of the College in formulating and implementing the government's policies and plans. The forum emphasizes on planning the developmental policies pertaining to the college and represents its views and suggestions for the consideration of the Planning Commission, the State Government or Local Authorities as the case may be. The Principal is the convenor.

Student IQAC: Student IQAC is an attempt to collaborate the ideas and suggestions of the student community in assuring the internal quality of the college. Representations from each department are ensured and meetings are conducted on alternate Fridays.

Red Ribbon Club: Red Ribbon Club is a movement started by the Government of India in schools and colleges through which, students will spread awareness on HIV / AIDS and the club is active in the college organizing awareness classes on AIDS. It envisages instilling charity mind among all the students to extend their able help towards developing healthy lifestyles, donating blood to all the needy by the promotion of regular voluntary blood donation.

Research Forum: The forum promotes a research bent of mind among the faculty members by steadfastly encouraging them to take up research based activities. It also motivates them to undertake UGC sponsored research projects. The Cell encourages members of the staff to publish their works in leading journals and to present papers at national and international conferences.

Scholarship Cell: The scholarship cell under a convenor from the staff coordinates the process and the students have to contact the convenor or members of the cell or their tutors for details of these scholarships.

Scholar Support Programme: SSP is a part of the ‘New Initiatives in Higher Education’ initiated by the Department of Higher Education, Govt. of Kerala. Students who are backward in their academic activities are identified and they are given special care and attention to achieve their goals. Subjects in which additional support is needed are given special training.

Women Cell: A women cell is functioning in the college with the goal of empowering the women community in the college. One of the lady staff members is the convenor of this cell. Various awareness programmes, seminars, soft skill development programmes etc. are conducted by the cell. A counseling cell for all students is also functioning under this cell.

Walk with a Scholar: WWS aims at mentoring selected students of the college for three continuous years to pursue the goals of the students in higher education. The programme includes internal mentoring done by the trained and selected faculty of the college and external mentoring by experts from outside. It also includes a motivational visit to institutes of repute to motivate the students.

Continuing Education Cell: Certain courses of Centre for Continuing Education, the Government of Kerala are being conducted in the college under this cell to impart need based training to unemployed youth, to increase their employability. The students can study these courses in tandem with their regular courses. The successful candidates will get the certificates of the Centre for Continuing Education, Government of Kerala, which is valid for all job purposes including that of Kerala Public Service Commission.

Spoken Tutorial Programme: As an effort to take software education to the masses and to bridge the digital divide, Spoken Tutorial project is implemented. The college offers this programme to interested students. The students can register their names and undergo training at free of cost. The successful candidates are awarded the certificate issued by IIT, Mumbai.

DECLARATION BY THE HEAD OF THE INSTITUTION

Declaration of the Head of the Institution

I certify that the data included in this Self-study Report (SSR) are true to the best of my knowledge. This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

M.P. Sethumadhavan
Principal

CERTIFICATE OF COMPLIANCE

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that **Government College Chittur, Palakkad -678104** fulfils all norms

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date:
Place:

Principal/Head of the Institution
(Name and Signature with Office seal)

ANNEXURE II



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Government College
Place : Chittur, Palakkad, Kerala

Criteria	Weightage (W _i)	Criterion-Wise Grade Point Averages (Cr _i GPA)	W _i X Cr _i GPA
I. Curricular Aspects	050	2.50	125
II. Teaching-Learning and Evaluation	450	2.90	1305
III. Research, Consultancy and Extension	100	2.80	280
IV. Infrastructure and Learning Resources	100	2.55	255
V. Student Support and Progression	100	2.90	290
VI. Governance and Leadership	150	2.70	405
VII. Innovative Practices	050	2.60	130
Total	$\sum_{i=1}^7 W_i = 1000$		$\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA}) = 2790$

$$\text{Institutional Score} = \frac{\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA})}{\sum_{i=1}^7 W_i} = \frac{2790}{1000} = \boxed{2.79}$$

Grade = Descriptor =

Date : January 29, 2009


Director

- This certification is valid for a period of Five years with effect from January 29, 2009
- An Institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denoted C grade (Satisfactory)
- Scores rounded off to the nearest integer

EC/47/A & A/92

PEER TEAM REPORT ON

Government College, Chittur
Pin 678104 - KERALA

Visit Dates: 20th -22nd January 2009

National Assessment & Accreditation Council
Bangalore -560 072 - INDIA

PEER TEAM REPORT ON

Institutional Accreditation of Government College, Chittur, Kerala

1.1 Name & Address of the Institution	Government College, Chittur, Kerala Chittur College, P.O.Chittur-678104 Palakkad, Kerala
1.2 Year of Establishment:	11.08.1947
1.3 Current Academic Activities at the Institution (numbers)	
<ul style="list-style-type: none"> • Faculties/Schools: • Departments/Courses • Programmes/Courses offered • Permanent Faculty Members • Permanent Support Staff: • Students: 	03 - Arts, Science & Commerce 23 PG- 06, UG- 14 45+28 = 73 23 UG-1254 + PG-157 = 1411
1.4 Three major features in the institutional context (As perceived by the Peer Team):	<ol style="list-style-type: none"> 1. Located in semi-urban area and catering education to the students of this region 2. Most of the students belong to socially and economically weaker sections 3. Two departments namely Tamil and Music are recognized research centres under the University of Calicut.
1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	20-22 January 2009
1.6 Composition of the Peer Team which undertook the on-site visit:	
Chairperson	Prof. S. Jayarama Reddy
Member	Prof. K.Eresi
Member	Prof. B.Sampath Kumar
NAAC Officer:	Dr. Sujata P. Shanbhag

2.1 Curricular Aspects:	
2.1.1 Curricular Design and Development	<ul style="list-style-type: none"> • The courses designed by the University and offered by the college are by and large in tune with its goals and objectives. • Some of the faculty members of the college are members of BOS and contribute to curriculum design • ICT is not integrated in the syllabus of courses under Humanities
2.1.2 Academic Flexibility	<ul style="list-style-type: none"> • The College runs UG, PG courses and also recognized as Centre for Research in 02 subjects leading to Ph.D. • Being an affiliated college, academic flexibility is limited • Add-on courses are yet to be offered in the colleges.
2.1.3 Feedback on Curriculum	<ul style="list-style-type: none"> • Feedback is obtained from students through a printed form. • Feedback received is discussed in the staff and necessary action is initiated. • A systematic feedback mechanism is yet to be put in place with respect to employees, Academic peers, community etc.
2.1.4 Curriculum Update	<ul style="list-style-type: none"> • The Curriculum is revised by the Calicut University and the College adopts as and when it is revised. • Major revision has taken place for courses like Commerce, Geography, Music, Botany, Tamil and Zoology recently • 14 faculty members are on BOS
2.1.5. Best practices in Curricular Aspects (if any)	<ul style="list-style-type: none"> • The college offers computer literacy programmes and spoken English classes regularly on a nominal fee.
2.2. Teaching-Learning & Evaluation	
2.2.1 Admission Process and Student Profile	<ul style="list-style-type: none"> • Publicity of admissions is made through regional dailies and college website. • Admissions to UG courses is based on marks secured in qualifying examination • Equity and access maintained strictly according to the norms and guidelines

	prescribed by the State Government.
2.2.2. Catering to the Diverse Needs	<ul style="list-style-type: none"> • Slow learners are identified and extra inputs are given to cope with. • Continuous efforts are being made in inspiring differently-abled students to make them feel equals. • College follows effective tutorial system
2.2.3 Teaching-Learning Process:	<ul style="list-style-type: none"> • Teachers prepare subject-wise academic calendars and maintaining diaries regularly. Teacher evaluation by students in place since 2006 - 2007 • Conventional lecture method coupled with group discussion, debates, seminars, etc., are used in the Departments. • The use of audio-visual teaching aids is limited.
2.2.4 Teacher Quality	<ul style="list-style-type: none"> • Over 75% of teachers are permanent and the rest are guest faculty • 16 of the teachers have Ph.D. as highest qualification. 18 M. Phil. as highest qualification • Many teachers have undergone orientation and refresher courses.
2.2.5 Evaluation Process and Reforms	<ul style="list-style-type: none"> • Evaluation method and information about examinations is communicated. • Grievances of students on internal evaluation are sorted out through examination committee • College has been forwarding suggestions to the University for introducing reforms
2.2.6 Best Practices in Teaching-Learning & Evaluation	<ul style="list-style-type: none"> • Computer literacy programme is initiated to reduce digital divide. • The college has developed personal counselling of the students.
2.3 Research, Consultancy and Extension	
2.3.1 Promotion of Research	<ul style="list-style-type: none"> • Two departments of the college have been recognized as Research Centres • Teachers are provided Duty Leave for pursuing research / attending seminars

	<ul style="list-style-type: none"> • & workshops • Research Committee co-ordinates research activities, but separate budget is not provided.
2.3.2 Research and Publication output	<ul style="list-style-type: none"> • 5 Teachers are recognized as research guides in their respective areas • Some teachers have one major and three minor research projects funded by the UGC. 3 projects completed • Department of Mathematics is identified by DST under FIST Programme • Good number of books and publications are credited to the faculty members
2.3.3 Consultancy	<ul style="list-style-type: none"> • The faculty is yet to develop formal consultancy services
2.3.4 Extension Activities:	<ul style="list-style-type: none"> • Extension activities are conducted through NSS/NCC benefiting the local community. • Botany department involved in training local people in mushroom cultivation with the help of IRTC/NGO • Students of NCC/NSS participating in Republic Day Parades since last five years.
2.3.5 Collaborations	<ul style="list-style-type: none"> • Internship and training programmes are organized with the help of industries. • One teacher is associated with Indo-Slovenian joint Project in Mathematics Department. • Formal MOUs are yet to be signed
2.3.6 Best Practices in Research, Consultancy and Extension	<ul style="list-style-type: none"> • The College has a 'Research Forum' meeting regularly to discuss on research projects and findings
2.4 Infrastructure and learning resources:	
2.4.1 Physical facilities for learning	<ul style="list-style-type: none"> • Adequate class rooms are available. • The College has 45.6 acres of land • Sports field, indoor games facilities are optimally used. • A separate women staff room is yet to be provided
2.4.2 Maintenance of Infrastructure	<ul style="list-style-type: none"> • The buildings are maintained by the

	<p>PWD of the Government.</p> <ul style="list-style-type: none"> • College council nominates a committee for monitoring the utilization of plan funds • Maintenance of computers done by utilizing CDC funds
2.4.3 Library as a Learning Resources	<ul style="list-style-type: none"> • The Library has a good collection of books • Reading room, reprographic facilities are available • Computerization of the Library is yet to be initiated. • More access to internet facility both to the students and faculty need to be provided.
2.4.4 ICT as Learning Resources	<ul style="list-style-type: none"> • The college has above 47 computers • The college has a website • Teachers may be encouraged to use computer technology for teaching.
2.4.5 Other facilities	<ul style="list-style-type: none"> • Limited hostel facility exists for both boys and girls. • Sports and games facilities both indoor and outdoor are available • Canteen and Book stores are run on co-operative basis.
2.4.6 Best Practices in the Developments of Infrastructure and Learning resources	<ul style="list-style-type: none"> • Facilities provided in the college are satisfactory.
2.5. Student Support and Progression	
2.5.1. Student Progression	<ul style="list-style-type: none"> • 50% of students in UG & 15% of students in PG go for higher education. • Pass percentage of students is good. • Drop-out rate is 8% in UG and 15-16% in PG courses.
2.5.2 Student support	<ul style="list-style-type: none"> • Calendar cum hand book and prospectus are distributed. • Government Welfare Scholarship are provided to the SC/ST/OBC/KPCR and Physically Challenged students • Career Guidance Cell and Placement Cell active.
2.5.3 Student activities:	<ul style="list-style-type: none"> • Formal Alumni Association at college level is formed recently • Several departments have Alumni associations. • Students are encouraged to participate

	<p>in co-curricular extra-curricular and cultural activities</p> <ul style="list-style-type: none"> • Some students have participated in Zonal and National level sports.
2.5.4 Best Practices in student support and progression	<ul style="list-style-type: none"> • Entrepreneur club exists, but should be made more active. • Scholarships and freeships available Free training in painting is being given to students. • Womens Cell is active • Counselling cell is doing an effective work.
2.6 Governance and Leadership	
2.6.1 Institutional Vision and Leadership	<ul style="list-style-type: none"> • The College has vision and mission statements. • Principal is the key person to provide leadership in academic and administrative matters and also responsible for implementing policies. • College Development Committee and Parent Teacher Associations exist in the College.
2.6.2 Organization Arrangements.	<ul style="list-style-type: none"> • Need based specific committees are constituted for effective functioning <p>Management information system is to be developed</p> <ul style="list-style-type: none"> • Regular meetings are held to discuss about various issues of the college. • College Council guides the Principal
2.6.3 Strategy Development and Deployment	<ul style="list-style-type: none"> • Cordial campus atmosphere and knowledge sharing at all levels. • Various academic and non-academic committees design the activities for the college.
2.6.4. Human Resource Management	<ul style="list-style-type: none"> • Both teaching and non-teaching staff are appointed by the Government. • Performance evaluation of teachers by students in place. • Teachers are permitted to avail leave for attending seminars/conferences /workshops
2.6.5. Financial management and resource mobilization	<ul style="list-style-type: none"> • Receives grants from UGC and Government • Mobilizes resources from PTA/CDC

	<ul style="list-style-type: none"> • Auditing is done as per Government rules
2.6.6. Best practices in Governance and Leadership	<ul style="list-style-type: none"> • Institutional mission and objectives are focussed.
2.7 Innovative practices:	
2.7.1 Internal Quality Assurance system	<ul style="list-style-type: none"> • Internal Quality Assurance system to be systematized
2.7.2 Inclusive practices	<ul style="list-style-type: none"> • Reservation policy of the State Government is fully followed in students admission. • Recruitment of teaching and non-teaching staff is done by State Public Service Commission by adhering to reservation policy • Democratic election process to the college union
2.7.3. Stakeholder relationship	<ul style="list-style-type: none"> • The institution holds cordial relationship with all its stakeholders • Parent-Teacher Association meets periodically. • Good rapport with community through extension activities.

Section-III- OVERALL ANALYSIS:

3.1 Institutional Strengths	<ul style="list-style-type: none"> • College is located in semi-urban area providing educational facilities to the rural poor • Performance of students at the university level examination is good. • Mathematics department is recognized for grants under FIST Programme • Commitment of the faculty is visible in teaching-learning • Computer Literacy and English Spoken course are offered to help rural students to come into the main stream. • Sufficient infrastructure for science subjects • Effective Parent-Teachers Association helps the College. • The College runs PG Programmes in Tamil and Geography which are not available in Calicut University Campus.
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<p>3.2 Institutional weakness</p>	<ul style="list-style-type: none"> • Lack of total computerization of library /administration • Lack of MoU's with industries/business and other institutions • Lack of more career oriented programmes • Lack of common facility for women staff • Lack of buildings with modern amenities • Research Forum to become more effective. • In teaching, modern methodology is not used.
<p>3.3 Institutional Opportunities</p>	<ul style="list-style-type: none"> • Scope for developing academic contact and collaboration with institutes and industry • Better opportunities for focusing on regular extension activities in rural habitats • Scope for starting more and more add - on courses which are career oriented. • PG Programmes in some more front line subjects may be started.
<p>3.4 Institutional Challenges</p>	<ul style="list-style-type: none"> • Continuous efforts to enhance the educational quality to students. • To develop socially and economically weaker sections to bring them into main stream • Creating research ambience and culture • Contribution to national development, women empowerment and global competency among students.
<p>Section-IV: Recommendations for quality enhancement of the Institution</p>	
<ul style="list-style-type: none"> • Teaching quality may be further improved through the ICT • More job oriented courses and short term courses in skills required in the area to be started. • Computer lab be further expanded and strengthened • A gymnasium may be established. 	

- Research culture be further strengthened.
- Linkages be strengthened with industry / institutions
- English Language lab may be established for imparting communication skills
- Computerization of the Library
- Computer-internet facility may be strengthened
- Buildings under constructions to be completed faster.
- PG programmes in Zoology, Chemistry, Physics and Microbiology may be started.
- Counseling and Extension activities useful for the community to be strengthened.
- Members of the Staff may be encouraged to apply for major projects to various Funding agencies like UGC/DBT/DST etc.
- Short term job oriented/life oriented programmes may be conducted for the benefit of the community.

I agree with the observations of the Peer Team as mentioned in this Report



PRINCIPAL,
GOVT. COLLEGE,
CHITTUR.

Signature of the Principal
Seal of the Institution

Chairperson	Prof. S Jayarama Reddy	22.1.09
Member – Co-ordinator	Prof. K. Eresi	22/1/09
Member	Prof. B. Sampath Kumar	22.01.09
NAAC Officer:	Dr. Sujata P Shanbhag	